MISSION STATEMENT

Norco College serves our students, our community, and its workforce by providing educational opportunities, celebrating diversity, and promoting collaboration. We encourage an inclusive, innovative approach to learning and the creative application of emerging technologies. We provide foundational skills and pathways to transfer, career and technical education, certificates and degrees.

<table>
<thead>
<tr>
<th>ABBR</th>
<th>BUILDING</th>
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</thead>
<tbody>
<tr>
<td>ATEC</td>
<td>Applied Technology</td>
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<tr>
<td>CACT</td>
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<td>LIBR</td>
<td>Wilfred J. Airey Library</td>
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<td>HUM</td>
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<td>IT</td>
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<td>JFK</td>
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<tr>
<td>SSV</td>
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<td>Theater Building</td>
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<tr>
<td>WEQ</td>
<td>West End Quad</td>
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ACCOUNTING

**ACC-1A Principles of Accounting I** 3 UNITS
Advisory: BUS-20
Description: An introduction to accounting principles and practice, as a manual and/or computerized information system that provides and interprets economic data for economic units within a global society. Includes recording, analyzing, and summarizing procedures used in preparing financial statements. 54 hours lecture.

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Days</th>
<th>Time</th>
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<td>The above section is an online class that requires an on-site proctored final exam. Computer with Internet access required. See <a href="http://www.opencampus.com">www.opencampus.com</a>. Please note the start and end dates.</td>
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<td>Instructor: P Worsham</td>
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**ACC-1A Principles of Accounting I** 3 UNITS
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**ACC-1A Principles of Accounting I** 3 UNITS
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<th>Time</th>
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<td>The above section is a web-enhanced class. Internet access is required.</td>
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<td>Instructor: N Ildefonso</td>
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</tbody>
</table>

HYB - Hybrid Lecture • HYBL - Hybrid Lab • HYBLO - Hybrid Online Lab • HYBO - Hybrid Online Lecture • LAB - Lab • LEC - Lecture • OL - Online Lecture • OLL - Online Lab
WE - Web Enhanced Lecture • WEL - Web Enhanced Lab • WRK - Work Experience Lecture • WRKH - Hybrid Work Experience • WRKO - Work Experience Online

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<table>
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<th>Subject</th>
<th>Title</th>
<th>Units</th>
<th>Prerequisite</th>
<th>Description</th>
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<th>Notes</th>
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<tr>
<td>ACC-1A</td>
<td>Principles of Accounting I</td>
<td>3 UNITS</td>
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<td>Advisory: BUS-20 Description: An introduction to accounting principles and practice, as a manual and/or computerized information system that provides and interprets economic data for economic units within a global society. Includes recording, analyzing, and summarizing procedures used in preparing financial statements. 54 hours lecture.</td>
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<tr>
<td>ACC-1A</td>
<td>Principles of Accounting I</td>
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<td>HYB</td>
<td>02/13/18 04/05/18</td>
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<td>ACC-1B</td>
<td>Principles of Accounting II</td>
<td>3 UNITS</td>
<td>Prerequisite: ACC-1A</td>
<td>Description: A study of managerial accounting principles and information systems including basic concepts, limitations, tools and methods to support the internal decision-making functions of an organization. 54 hours lecture.</td>
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<td>ACC-1B</td>
<td>Principles of Accounting II</td>
<td>3 UNITS</td>
<td>Prerequisite: ACC-1A</td>
<td>Description: A study of managerial accounting principles and information systems including basic concepts, limitations, tools and methods to support the internal decision-making functions of an organization. 54 hours lecture.</td>
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<td>Principles of Accounting II</td>
<td>3 UNITS</td>
<td>Prerequisite: ACC-1A</td>
<td>Description: A study of managerial accounting principles and information systems including basic concepts, limitations, tools and methods to support the internal decision-making functions of an organization. 54 hours lecture.</td>
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<td>P Worsham</td>
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</tbody>
</table>

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ACC-55  **Applied Accounting/Bookkeeping**  3 UNITS
Description: This is an introductory course for students who are non-accounting majors. The focus is basic bookkeeping and accounting principles for both merchandising and service oriented small business enterprises. Emphasis is on the development of skills to record business transactions for cash and accrual methods, as well as the procedures to prepare financial statements and complete an accounting cycle. Attention is given to special journals, subsidiary ledgers, and payroll and banking procedures. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

34541  Last day to add: 02/23/18
WE  02/12/18  06/07/18  08:45AM  10:10AM  MW  IT 111
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

ACC-62  **Payroll Accounting**  3 UNITS
Prerequisite: ACC-1A or ACC-55
Description: Studies accounting for payroll and examines aspects of the Social Security Act, California Unemployment Insurance Act and the California Workers' Compensation Insurance Act. Payroll principles applied through the use of microcomputers. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

33808  Last day to add: 02/20/18
OL  02/12/18  04/08/18  ON LINE
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.
Instructor: M Scott

ACC-62  **Payroll Accounting**  3 UNITS
Prerequisite: ACC-1A or ACC-55
Description: Studies accounting for payroll and examines aspects of the Social Security Act, California Unemployment Insurance Act and the California Workers' Compensation Insurance Act. Payroll principles applied through the use of microcomputers. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

33809  Last day to add: 04/24/18
OL  04/16/18  06/07/18  ON LINE
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.
Instructor: M Scott

ACC-65  **Computerized Accounting**  3 UNITS
Prerequisite: ACC-1A or ACC-55
Advisory: CIS-1A or CIS-3
Description: An introduction to computerized accounting, integrating the principles of accounting to an automated system in use by many accounting professionals. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

33810  Last day to add: 02/23/18
OL  02/12/18  06/07/18  ON LINE
The above section is an online class. Computer with Internet access required. See www.opencampus.com.
Instructor: N Ildefonso

ACC-67  **U.S. and California Income Tax Preparation**  4 UNITS
Description: U.S. and California income tax principles and tax return preparation as it relates to individuals, sole proprietorships, and other business entities. This course is certified by the California Tax Education Council (CTEC) as fulfilling the 60-hour qualifying education requirement imposed by the State of California for becoming a Registered Tax Preparer. 72 hours lecture.

33811  Last day to add: 02/18/18
HYB  02/14/18  04/04/18  05:40PM  09:55PM  W  JFK 226
HYBO  02/14/18  04/04/18  ON LINE
The above section is a short term hybrid class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.
Instructor: J Muir

ACC-200  **Acctng Work Experience**  1 UNIT
Course is designed to coordinate the student's occupational on-the-job training with related classroom instruction.

PREREQUISITE: None.

ADVISORY: Students should have paid or voluntary employment.

34698  Last day to add: 02/23/18
WRK  02/12/18  06/07/18  ON LINE
The above section is an online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture, students are required to attend an orientation at Norco College the first week of the semester, dates and times will be posted in Blackboard. Students must also meet on-campus for an instructor conference and for final exams. Please see Blackboard for specific dates and times.
Instructor: Staff

**ADMINISTRATION OF JUSTICE**

ADJ-1  **Introduction to the Administration of Justice**  3 UNITS
Description: The history and philosophy of administration of justice in America; recapitulation of the system; identifying the various subsystems, role expectations, and their interrelationships; theories of crime, punishment, and rehabilitation; ethics, education, and training for professionalism in the system. 54 hours lecture.

34544  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  03:00PM  04:25PM  MW  ERHS B207
The above section is restricted to Eleanor Roosevelt High School students only.
Instructor: S Williams

ADJ-1  **Introduction to the Administration of Justice**  3 UNITS
Description: The history and philosophy of administration of justice in America; recapitulation of the system; identifying the various subsystems, role expectations, and their interrelationships; theories of crime, punishment, and rehabilitation; ethics, education, and training for professionalism in the system. 54 hours lecture.

34543  Last day to add: 02/23/18
WE  02/12/18  06/07/18  04:15PM  05:40PM  TH  IT 109
The above section is a web-enhanced class. Internet access is required.
Instructor: S Williams
ANATOMY AND PHYSIOLOGY

AMY-2A  Anatomy and Physiology I  4 UNITS
Prerequisite: BIO-1 or BIO-1H Description: First of a two course sequence that introduces students to the basic concepts and principles of anatomy and physiology. This course will provide a foundation for advanced study of the human body. The course covers body orientation and organization, cells and tissues, the skeletal and muscular systems, and the eye and ear. Designed to meet the prerequisites for professional programs, e.g. nursing, dental hygiene, and physical therapy. 36 hours lecture and 108 hours laboratory.

33816 Last day to add: 02/23/18
LEC 02/12/18 06/07/18 02:00PM 03:30PM T ST 211
LEC2 02/12/18 06/07/18 02:00PM 02:50PM TH ST 211
LAB 02/12/18 06/07/18 09:30AM 12:40PM TTH ST 211

The above section is a web-enhanced class. Internet access is required.
Instructor: C Sternburg

AMY-2B  Anatomy and Physiology II  4 UNITS
Prerequisite: AMY-2A Description: Second of a two course sequence in anatomy and physiology that covers these systems: nervous, endocrine, cardiovascular, respiratory, urinary, digestive, and reproductive organ systems. 36 hours lecture and 108 hours laboratory.

33818 Last day to add: 02/23/18
LEC 02/12/18 06/07/18 02:00PM 03:30PM T ST 211
LEC2 02/12/18 06/07/18 02:00PM 02:50PM TH ST 211
LAB 02/12/18 06/07/18 09:30AM 12:40PM TTH ST 211

The above section is a web-enhanced class. Internet access is required.
Instructor: S Standen

AMY-2A  Anatomy and Physiology I  4 UNITS
Prerequisite: BIO-1 or BIO-1H Description: First of a two course sequence that introduces students to the basic concepts and principles of anatomy and physiology. This course will provide a foundation for advanced study of the human body. The course covers body orientation and organization, cells and tissues, the skeletal and muscular systems, and the eye and ear. Designed to meet the prerequisites for professional programs, e.g. nursing, dental hygiene, and physical therapy. 36 hours lecture and 108 hours laboratory.

33815 Last day to add: 02/23/18
WE 02/12/18 06/07/18 05:15PM 06:05PM T ST 207
WE2 02/12/18 06/07/18 05:15PM 06:20PM TH ST 207
WEL 02/12/18 06/07/18 06:30PM 09:40PM TTH ST 207

The above section is a web-enhanced class. Internet access is required.
Instructor: A Hoffman

AMY-2B  Anatomy and Physiology II  4 UNITS
Prerequisite: AMY-2A Description: Second of a two course sequence in anatomy and physiology that covers these systems: nervous, endocrine, cardiovascular, respiratory, urinary, digestive, and reproductive organ systems. 36 hours lecture and 108 hours laboratory.

33817 Last day to add: 02/23/18
WE 02/12/18 06/07/18 11:30AM 12:20PM T IT 101
WE2 02/12/18 06/07/18 11:30AM 12:35PM TH IT 101
WEL 02/12/18 06/07/18 08:00AM 11:10AM TTH ST 207

The above section is a web-enhanced class. Internet access is required.
Instructor: P Campo

AMY-2B  Anatomy and Physiology II  4 UNITS
Prerequisite: AMY-2A Description: Second of a two course sequence in anatomy and physiology that covers these systems: nervous, endocrine, cardiovascular, respiratory, urinary, digestive, and reproductive organ systems. 36 hours lecture and 108 hours laboratory.

33821 Last day to add: 02/23/18
WE 02/12/18 06/07/18 01:30PM 02:20PM M ST 207
WE2 02/12/18 06/07/18 01:30PM 02:35PM W ST 207
WEL 02/12/18 06/07/18 02:45PM 05:55PM MW ST 207

The above section is a web-enhanced class. Internet access is required.
Instructor: S Standen

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### ANTHROPOLOGY

#### ANT-1 Physical Anthropology

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<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>ANT-1</td>
<td>Physical Anthropology</td>
<td>3</td>
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</tbody>
</table>

Description: An introduction to human biological evolution, physical diversity, and relationship to the animal world, using scientific and comparative methods. Incorporates the study of genetics, fossils, primates, and modern human variation within an evolutionary framework. Students may not receive credit for both ANT-1 and ANT-1H. 54 hours lecture.

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<th>Section Code</th>
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<th>Days and Times</th>
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<td>12:45PM - 2:10PM M</td>
<td>HUM 111</td>
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<tr>
<td>HYB 33828</td>
<td>02/23/18</td>
<td>12:45PM - 2:10PM W</td>
<td>ATEC 114</td>
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The above section is an online class. Computer with Internet access required.

Instructor: A Gray

#### ANT-2 Physical Anthropology

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<td>ANT-2</td>
<td>Physical Anthropology</td>
<td>3</td>
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</table>

Description: An introduction to human biological evolution, physical diversity, and relationship to the animal world, using scientific and comparative methods. Incorporates the study of genetics, fossils, primates, and modern human variation within an evolutionary framework. Students may not receive credit for both ANT-1 and ANT-1H. 54 hours lecture.

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<td>HYB 33828</td>
<td>02/23/18</td>
<td>12:45PM - 2:10PM W</td>
<td>ATEC 114</td>
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</table>

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Instructor: A Gray
ANT-1  Physical Anthropology  3 UNITS
Description: An introduction to human biological evolution, physical diversity, and relationship to the animal world, using scientific and comparative methods. Incorporates the study of genetics, fossils, primates, and modern human variation within an evolutionary framework. Students may not receive credit for both ANT-1 and ANT-1H. 54 hours lecture.
33825  Last day to add: 02/23/18
WE 02/12/18 06/07/18 06:00PM 09:10PM T HUM 111
The above section is a web-enhanced class. Internet access is required.
Instructor: A Mejia

ANT-1L  Physical Anthropology Laboratory  1 UNIT
Corequisite: Concurrent enrollment in or prior completion of ANT-1 or 1H required. Description: Laboratory course exploring case studies and problems of human genetics, human variation, the identification of fossils through examination of fossil casts, human evolution, the study of the human skeleton, observation of primate behavior and structures utilizing the scientific method. 54 hours laboratory.
34546  Last day to add: 02/23/18
WEL 02/12/18 06/07/18 06:00PM 09:10PM W HUM 111
The above section is a web-enhanced class. Internet access is required.
Instructor: C Buchanan

ANT-2  Cultural Anthropology  3 UNITS
Description: An introduction to the anthropological concept of culture and to the methods and theories used in the comparative analysis of cultures. Cultural practices and institutions are examined using perspectives that enhance effective participation in a culturally diverse world. 54 hours lecture.
33833  Last day to add: 02/23/18
OL 02/12/18 06/07/18 ON LINE
The above section is an online class. Computer with Internet access required.
Instructor: A Gray

ANT-2  Cultural Anthropology  3 UNITS
Description: An introduction to the anthropological concept of culture and to the methods and theories used in the comparative analysis of cultures. Cultural practices and institutions are examined using perspectives that enhance effective participation in a culturally diverse world. 54 hours lecture.
33832  Last day to add: 03/06/18
WE 02/23/18 06/01/18 07:00AM 11:05AM F HUM 111
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: Staff

ANT-2  Cultural Anthropology  3 UNITS
Description: An introduction to the anthropological concept of culture and to the methods and theories used in the comparative analysis of cultures. Cultural practices and institutions are examined using perspectives that enhance effective participation in a culturally diverse world. 54 hours lecture.
33830  Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:45AM 10:10AM MW HUM 111
The above section is a web-enhanced class. Internet access is required.
Instructor: P Roberts

ANT-2  Cultural Anthropology  3 UNITS
Description: An introduction to the anthropological concept of culture and to the methods and theories used in the comparative analysis of cultures. Cultural practices and institutions are examined using perspectives that enhance effective participation in a culturally diverse world. 54 hours lecture.
33831  Last day to add: 02/23/18
WE 02/12/18 06/07/18 11:15AM 12:40PM TTH HUM 111
The above section is a web-enhanced class. Internet access is required.
Instructor: A Gray

ANT-2  Cultural Anthropology  3 UNITS
Description: An introduction to the anthropological concept of culture and to the methods and theories used in the comparative analysis of cultures. Cultural practices and institutions are examined using perspectives that enhance effective participation in a culturally diverse world. 54 hours lecture.
34547  Last day to add: 02/23/18
WE 02/12/18 06/07/18 02:30PM 03:55PM MW HUM 111
The above section is a web-enhanced class. Internet access is required.
Instructor: C Buchanan

ANT-2  Cultural Anthropology  3 UNITS
Description: An introduction to the anthropological concept of culture and to the methods and theories used in the comparative analysis of cultures. Cultural practices and institutions are examined using perspectives that enhance effective participation in a culturally diverse world. 54 hours lecture.
33829  Last day to add: 02/26/18
WE 02/15/18 05/31/18 06:00PM 09:20PM TH HUM 111
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: A Mejia

ANT-3  Prehistoric Cultures  3 UNITS
Description: The development of human society from the earliest evidence of culture to the beginnings of recorded history. The concepts, methods, and data of prehistoric archaeology are used to examine the major transitions in human prehistory, including the origins of culture, agriculture, and early civilization. 54 hours lecture.
33834  Last day to add: 02/23/18
WE 02/12/18 06/07/18 04:15PM 05:40PM MW HUM 111
The above section is a web-enhanced class. Internet access is required.
Instructor: C Buchanan

ANT-6  Introduction to Archaeology  3 UNITS
Description: An examination of the basic concepts, methods, and findings of modern archaeology. Covers the history of archaeology, the application of archaeological methods of recovery and interpretation, and the analysis of archaeological evidence as it is used to reconstruct ancient societies and major trends in cultural evolution. 54 hours lecture.
33835  Last day to add: 02/23/18
WE 02/12/18 06/07/18 10:30AM 11:55AM MW HUM 111
The above section is a web-enhanced class. Internet access is required.
Instructor: C Buchanan
ARCHITECTURE

**ARE-25 Advanced Architectural Drafting** 3 UNITS

Prerequisite: ARE-24

Description: This course is designed for advanced study of architectural detailing and construction methods, including the preparation of working drawings. Other topics include the development of construction documents, study of the Uniform Building Code, and practice from site selection to completion. A completed portfolio is a requirement of the course. 27 hours lecture and 90 hours laboratory. (Letter Grade, or Pass/No Pass option.)

<table>
<thead>
<tr>
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<th>Days</th>
<th>Time</th>
<th>Instructor</th>
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<tr>
<td>WEL2</td>
<td>06/07/18 06:20PM - 09:30PM</td>
<td>TH</td>
<td>ATEC 109</td>
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</tr>
</tbody>
</table>

The above section is a web-enhanced class. Internet access is required.

Instructor: C Bohigian

**ARE-36 History of Architecture: Renaissance to Modern** 3 UNITS

Description: A survey of the major movements in the form, theory and design of Western architecture and art from the Renaissance through the 20th century will be studied analyzed and interpreted in terms of religious social and political context. Particular emphasis will be placed on a comparative study of architectural monuments and architects, the sources of design, meaning of beauty, and conditions that influence the Western architectural traditions. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>34554</td>
<td>WE</td>
<td>06/07/18 06:30PM - 09:40PM</td>
<td>W</td>
<td>JFK 118</td>
</tr>
</tbody>
</table>

Instructor: A Nindra

**ART**

**ART-1 History of Western Art: Prehistoric, Ancient, and Medieval** 3 UNITS

Advisory: ENG-1A

Description: Survey of the history of Western art: painting, architecture, and sculpture, Prehistoric through the Medieval periods. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

<table>
<thead>
<tr>
<th>Section</th>
<th>Days</th>
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<th>Instructor</th>
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<tbody>
<tr>
<td>33838</td>
<td>WE</td>
<td>06/07/18 06:00PM - 09:10PM</td>
<td>M</td>
<td>ATEC 119</td>
</tr>
</tbody>
</table>

The above section is a web-enhanced class. Internet access is required.

Instructor: C Goux

**ART-2 History of Western Art: Renaissance through Contemporary** 3 UNITS

Advisory: Qualification for ENG-1A

Description: Survey of the history of Western art: painting, architecture, and sculpture, from the Renaissance through contemporary art. Student may not receive credit for both ART-2 and ART-2H. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

<table>
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<tr>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
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<tr>
<td>33842</td>
<td>WE</td>
<td>06/07/18 06:00PM - 09:10PM</td>
<td>W</td>
<td>ATEC 119</td>
</tr>
</tbody>
</table>

The above section is a web-enhanced class. Internet access is required.

Instructor: C Goux

**ART-6 Art Appreciation** 3 UNITS

Advisory: ENG-1A

Description: An introductory course for the non-art major. The creative process and the diversity of style, technique and media, evident in various art forms throughout history and culture. Students may not receive credit for both ART-6 and ART-6H. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

<table>
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<tr>
<th>Section</th>
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<tr>
<td>33852</td>
<td>OL</td>
<td>06/07/18 07:00AM - 09:25AM</td>
<td>ATEC 109</td>
</tr>
<tr>
<td>OL2</td>
<td>06/07/18 07:00AM - 09:25AM</td>
<td>ATEC 109</td>
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</tr>
</tbody>
</table>

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

Instructor: K Skiba

**ART-6 Art Appreciation** 3 UNITS

Advisory: ENG-1A

Description: An introductory course for the non-art major. The creative process and the diversity of style, technique and media, evident in various art forms throughout history and culture. Students may not receive credit for both ART-6 and ART-6H. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

<table>
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<tr>
<th>Section</th>
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<th>Time</th>
<th>Location</th>
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<td>ATEC 109</td>
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</tbody>
</table>

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

Instructor: K Skiba

**ART-6 Art Appreciation** 3 UNITS

Advisory: ENG-1A

Description: An introductory course for the non-art major. The creative process and the diversity of style, technique and media, evident in various art forms throughout history and culture. Students may not receive credit for both ART-6 and ART-6H. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

<table>
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<tr>
<th>Section</th>
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<th>Time</th>
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<tbody>
<tr>
<td>33853</td>
<td>OL</td>
<td>06/07/18 10:00AM - 12:25PM</td>
<td>ATEC 114</td>
</tr>
</tbody>
</table>

The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

Instructor: J Bell
ART-10 Modern and Contemporary Art History 3 UNITS
Description: A survey of the development and history of modern art with emphasis on its major movements, leading artists, and contemporary trends. Painting, sculpture, and architecture will be discussed in terms of their historical, social, and political context. Beginning with mid-19th century movements (Realism and Impressionism), the study will continue through the current trends and new media of the day. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)
Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:00AM 09:25AM T TH W EQ 05
WEQ 5
Instructor: K Frost

ART-17 Beginning Drawing 3 UNITS
Description: An introduction to the fundamentals of drawing in a variety of media. The exploration of the elements of art, the principles of composition, perspective and the development of observational, motor and creative skills. Emphasis will be on black and white media. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)
Last day to add: 02/23/18
33839
WE 02/12/18 06/07/18 07:45AM 09:15AM M ATEC 209
WE2 02/12/18 06/07/18 07:45AM 09:15AM M ATEC 209
WEL 02/12/18 06/07/18 08:45AM 11:00AM M ATEC 209
WEL2 02/12/18 06/07/18 09:10AM 11:00AM M ATEC 209
The above section is a web-enhanced class. Internet access is required.
Instructor: Q Bemiller

ART-18 Intermediate Drawing 3 UNITS
Prerequisite: ART-17 Description: Intermediate level and continued study of drawing with emphasis on the use of color media. Basic color theory will be explored in thoughtful compositions. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)
Last day to add: 02/23/18
33841
WE 02/12/18 06/07/18 11:10AM 12:00PM M ATEC 209
WE2 02/12/18 06/07/18 11:10AM 12:15PM W ATEC 209
WEL 02/12/18 06/07/18 12:10PM 02:25PM M ATEC 209
WEL2 02/12/18 06/07/18 12:35PM 02:25PM W ATEC 209
The above section is a web-enhanced class. Internet access is required.
Instructor: M Lindeman

ART-22 Basic Design 3 UNITS
Description: An introduction to the fundamentals of two-dimensional design. The organization of visual elements according to the principles of design. Emphasis placed on visual perception, theory, dexterity, problem solving, analysis, application, skill, and presentation. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)
Last day to add: 02/23/18
33843
WE 02/12/18 06/07/18 02:35PM 03:25PM M ATEC 209
WE2 02/12/18 06/07/18 02:35PM 03:40PM W ATEC 209
WEL 02/12/18 06/07/18 03:35PM 05:50PM M ATEC 209
WEL2 02/12/18 06/07/18 04:00PM 05:50PM W ATEC 209
The above section is a web-enhanced class. Internet access is required.
Instructor: M Lindeman

ART-23 Color Theory and Design 3 UNITS
Prerequisite: ART-22 or ART-17 Description: The study of color theory and two-dimensional design. The practice of the organization of the visual elements according to the principles of design. Emphasis placed on more advanced methods of communicating ideas through color in design 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)
Last day to add: 02/23/18
33844
WE 02/12/18 06/07/18 06:00PM 06:50PM M ATEC 209
WE2 02/12/18 06/07/18 06:00PM 07:05PM W ATEC 209
WEL 02/12/18 06/07/18 07:00PM 09:15PM M ATEC 209
WEL2 02/12/18 06/07/18 07:25PM 09:15PM W ATEC 209
The above section is a web-enhanced class. Internet access is required.
Instructor: J Bell

ART-24 Three Dimensional Design 3 UNITS
Description: An introduction to the fundamentals of three-dimensional design. The use of the visual elements and the practice of the principles of design as they relate to various three-dimensional art forms (i.e., sculpture, architecture and product, commercial, stage, environmental and interior design). Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.) (Materials fee: $15.00)
Last day to add: 02/23/18
33845
WE 02/12/18 06/07/18 06:00PM 06:50PM T ATEC 209
WE2 02/12/18 06/07/18 06:00PM 07:05PM TH ATEC 209
WEL 02/12/18 06/07/18 07:00PM 09:15PM T ATEC 209
WEL2 02/12/18 06/07/18 07:25PM 09:15PM TH ATEC 209
The above section is a web-enhanced class. Internet access is required.
Instructor: D Campuzano
ART-26  **Beginning Painting**  3 UNITS  
Prerequisite: ART-17  Description: An introduction to the fundamentals of painting (oil or acrylic). An exploration of various considerations in painting: techniques, process, color theory, visual perception, composition, and creative skills. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)  
Instructor: Q Bemiller  
33846  Last day to add: 02/23/18  
WE 02/12/18 06/07/18 09:35AM 10:25AM T ATEC 209  
WE2 02/12/18 06/07/18 09:35AM 10:40AM TH ATEC 209  
WEL 02/12/18 06/07/18 10:35AM 12:50PM T ATEC 209  
WEL2 02/12/18 06/07/18 11:00AM 12:50PM TH ATEC 209  
The above section is a web-enhanced class. Internet access is required.  

ART-27  **Intermediate Painting**  3 UNITS  
Prerequisite: ART-23 or ART-26  Description: Intermediate level of painting (oil or acrylic). Continued exploration of various techniques and the application of color theory. Development of visual, compositional, and creative skills. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)  
Instructor: Q Bemiller  
33847  Last day to add: 02/23/18  
WE 02/12/18 06/07/18 09:35AM 10:25AM T ATEC 209  
WE2 02/12/18 06/07/18 09:35AM 10:40AM TH ATEC 209  
WEL 02/12/18 06/07/18 10:35AM 12:50PM T ATEC 209  
WEL2 02/12/18 06/07/18 11:00AM 12:50PM TH ATEC 209  
The above section is a web-enhanced class. Internet access is required.  

ART-28A  **Studio Painting-Portfolio Preparation**  3 UNITS  
Prerequisite: ART-27  Description: Independent painting studio for the self-motivated student with emphasis on individual art problems and portfolio development. Specific agreement identifying intent, ideas, goals, and media, to be arranged between instructor and student. Emphasis will be on independent concept, development, and portfolio preparation. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)  
Instructor: Q Bemiller  
33848  Last day to add: 02/23/18  
WE 02/12/18 06/07/18 09:35AM 10:25AM T ATEC 209  
WE2 02/12/18 06/07/18 09:35AM 10:40AM TH ATEC 209  
WEL 02/12/18 06/07/18 10:35AM 12:50PM T ATEC 209  
WEL2 02/12/18 06/07/18 11:00AM 12:50PM TH ATEC 209  
The above section is a web-enhanced class. Internet access is required.  

ART-48A  **Studio Drawing-Portfolio Preparation**  3 UNITS  
Prerequisite: ART-18  Description: Continued studio drawing for the self-motivated student with emphasis on planning, independence, individualized problems, and portfolio organization and preparation. Specific agreement identifying intent, ideas, goals, and media, to be arranged between instructor and student. Students pay for their own materials. 36 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)  
Instructor: M Lindeman  
33850  Last day to add: 02/23/18  
WE 02/12/18 06/07/18 11:10AM 12:00PM M ATEC 209  
WE2 02/12/18 06/07/18 11:10AM 12:15PM W ATEC 209  
WEL 02/12/18 06/07/18 12:10PM 02:25PM M ATEC 209  
WEL2 02/12/18 06/07/18 12:35PM 02:25PM W ATEC 209  
The above section is a web-enhanced class. Internet access is required.  

BIOLOGY  

BIO-1  **General Biology**  4 UNITS  
Description: This course is an introductory course designed for non-science majors, which offers an integrated study of the basic principles of biology, with emphasis on the principles of structure and function, genetics, development, evolution, and ecology. Discussions on the philosophy, concepts, and implications of modern biology will be included. Students may not receive credit for both BIO-1 and BIO-1H. 54 hours lecture and 54 hours laboratory.  
33856  Last day to add: 02/23/18  
WE 02/12/18 06/07/18 08:00AM 09:25AM TH IT 101  
WEL 02/12/18 06/07/18 09:40AM 12:50PM T IT 128  
The above section is a web-enhanced class. Internet access is required.  
Instructor: I McGuire  

BIO-1  **General Biology**  4 UNITS  
Description: This course is an introductory course designed for non-science majors, which offers an integrated study of the basic principles of biology, with emphasis on the principles of structure and function, genetics, development, evolution, and ecology. Discussions on the philosophy, concepts, and implications of modern biology will be included. Students may not receive credit for both BIO-1 and BIO-1H. 54 hours lecture and 54 hours laboratory.  
33859  Last day to add: 02/23/18  
WE 02/12/18 06/07/18 08:00AM 09:25AM TH IT 101  
WEL 02/12/18 06/07/18 09:40AM 12:50PM TH IT 128  
The above section is a web-enhanced class. Internet access is required.  
Instructor: I McGuire  

BIO-1  **General Biology**  4 UNITS  
Description: This course is an introductory course designed for non-science majors, which offers an integrated study of the basic principles of biology, with emphasis on the principles of structure and function, genetics, development, evolution, and ecology. Discussions on the philosophy, concepts, and implications of modern biology will be included. Students may not receive credit for both BIO-1 and BIO-1H. 54 hours lecture and 54 hours laboratory.  
33858  Last day to add: 02/23/18  
WE 02/12/18 06/07/18 11:15AM 12:40PM TH STEM 201  
WEL 02/12/18 06/07/18 02:00PM 03:10PM T IT 128  
The above section is a web-enhanced class. Internet access is required.  
Instructor: C Wilson  

BIO-1  **General Biology**  4 UNITS  
Description: This course is an introductory course designed for non-science majors, which offers an integrated study of the basic principles of biology, with emphasis on the principles of structure and function, genetics, development, evolution, and ecology. Discussions on the philosophy, concepts, and implications of modern biology will be included. Students may not receive credit for both BIO-1 and BIO-1H. 54 hours lecture and 54 hours laboratory.  
33861  Last day to add: 02/23/18  
WE 02/12/18 06/07/18 11:15AM 12:40PM TH STEM 201  
WEL 02/12/18 06/07/18 02:00PM 03:10PM T IT 128  
The above section is a web-enhanced class. Internet access is required.  
Instructor: C Wilson  

BIO-1  General Biology  4 UNITS
Description: This course is an introductory course designed for non-science majors, which offers an integrated study of the basic principles of biology, with emphasis on the principles of structure and function, genetics, development, evolution, and ecology. Discussions on the philosophy, concepts, and implications of modern biology will be included. Students may not receive credit for both BIO-1 and BIO-1H. 54 hours lecture and 54 hours laboratory.

WE  02/12/18  06/07/18  02:30PM  03:55PM   MW   STEM 201
WEL  02/12/18  06/07/18  08:45AM  11:55AM   F   IT 128

The above section is a web-enhanced class. Internet access is required.

Instructor: F Almasarweh

BIO-1H  Honors General Biology  4 UNITS
Limitation on enrollment: Enrollment in the Honors program
Description: This course is designed for the non-science major. Students will explore the basic principles of biology, with particular emphasis on the molecular and cellular basis of life as well as genetics, development, evolution and ecology. Discussions on the philosophy, unifying concepts and applications/implications of biology will be included. The Honors course offers an enriched experience for accelerated students through smaller class size; a focus on the evidentiary basis of biological models; and the application of higher level critical thinking skills. Moreover, a thematic/concept-based approach to the course material will be used rather than the traditional topic-based, survey format. The laboratory component will involve completion of directed research projects that culminate in the submission and presentation of research papers, oral presentations and/or poster presentations in the appropriate scientific format. Students may not receive credit for both BIO-1 and BIO-1H. 54 hours lecture and 54 hours laboratory.

WE  02/12/18  06/07/18  09:40AM  11:05AM   TTH   STEM 125
WEL  02/12/18  06/07/18  02:00PM  05:10PM   TH   ST 203

The above section is a web-enhanced class. Internet access is required.

Instructor: M Gutierrez

BIO-1  General Biology  4 UNITS
Description: This course is an introductory course designed for non-science majors, which offers an integrated study of the basic principles of biology, with emphasis on the principles of structure and function, genetics, development, evolution, and ecology. Discussions on the philosophy, concepts, and implications of modern biology will be included. Students may not receive credit for both BIO-1 and BIO-1H. 54 hours lecture and 54 hours laboratory.

WE  02/12/18  06/07/18  02:30PM  03:55PM   MW   STEM 201
WEL  02/12/18  06/07/18  01:00PM  04:10PM   F   IT 128

The above section is a web-enhanced class. Internet access is required.

Instructor: F Almasarweh

BIO-1  General Biology  4 UNITS
Description: This course is an introductory course designed for non-science majors, which offers an integrated study of the basic principles of biology, with emphasis on the principles of structure and function, genetics, development, evolution, and ecology. Discussions on the philosophy, concepts, and implications of modern biology will be included. Students may not receive credit for both BIO-1 and BIO-1H. 54 hours lecture and 54 hours laboratory.

WE  02/12/18  06/07/18  06:00PM  07:25PM   MW   STEM 201
WEL  02/12/18  06/07/18  06:00PM  09:10PM   T   IT 128

The above section is a web-enhanced class. Internet access is required.

Instructor: J Drainville

BIO-3  Field Botany  4 UNITS
Description: Introduction to the classification of native and introduced plants with special emphasis on identification of species. Several field trips. 54 hours lecture and 54 hours laboratory.

WE  02/12/18  06/07/18  08:45AM  10:10AM   MW   IT 128
WEL  02/12/18  06/07/18  10:30AM  11:55AM   MW   IT 128

The above section is a web-enhanced class. Internet access is required.

Instructor: T Friedrich Finnern

BIO-10  Life Science Principles  3 UNITS
Description: For non-life science majors. An introduction to the principles of life sciences through the study of basic biological concepts of living organisms involving structure, behavior, evolutionary relationships and the social and environmental implications of life science. No credit at the University of California if taken following BIO-1 or 1H. 54 hours lecture.

WE  02/12/18  06/07/18  01:30PM  02:55PM   MW   IT 110

The above section is a web-enhanced class. Internet access is required.

Instructor: A Wilson Santhoshkumar
BIO-11  Introduction to Molecular and Cellular Biology  5 UNITS
Prerequisite: CHE-1A or CHE-1AH  Advisory: MAT-35, ENG-50, ENG-80 or qualifying placement level
Description: An intensive course for all Life Science majors designed to prepare the student for upper division courses in molecular biology, cellular biology, developmental biology, evolution, and genetics. Course material includes principles of biochemistry, biological molecules, prokaryotic and eukaryotic cell structure and function, cell metabolism including photosynthesis and respiration, homeostasis, cell reproduction and its control, classical and molecular genetics, cellular communication, development, evolution and diversity of life at the cellular level. This course addresses the philosophy of science, methods of scientific inquiry and experimental design. 72 hours lecture and 54 hours laboratory.
33865  Last day to add: 02/23/18
WE 02/12/18 06/07/18 10:30AM 12:35PM TTH ST 203
WEL 02/12/18 06/07/18 02:00PM 05:10PM T ST 203
The above section is a web-enhanced class. Internet access is required.
Instructor: B Moore

BIO-12  Introduction to Organismal and Population Biology  5 UNITS
Prerequisite: BIO-11 or BIO-11H  Description: An intensive course designed for all Life Science majors to prepare the student for upper division courses in organismal and population biology. Course material includes plant structure and function, animal systems and behavior, ecological diversity and dynamics, and evolutionary theory, including population genetics. This course along with Biology 11 is intended to fulfill a year of transferable lower division general biology. Some field trips are required. 72 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)
33866  Last day to add: 02/23/18
WE 02/12/18 06/07/18 01:00PM 03:05PM MW IT 128
WEL 02/12/18 06/07/18 03:25PM 04:50PM MW IT 128
The above section is a web-enhanced class. Internet access is required.
Instructor: T Friedrich Finnern

BIO-17  Human Biology  4 UNITS
Description: A non-major introductory course in biology which offers an integrated study of the basic principles of biology as revealed in the human body. Emphasis is placed on cellular and system organization in relation to specific function and common disorders affecting the body; the interaction between the human body and its environment. Controversial, thought-provoking topics related to modern biology and medical advances involving genetic engineering will be included. This course satisfies district graduation and transfer requirements for a science lecture and laboratory course. 54 hours lecture and 54 hours laboratory.
33867  Last day to add: 02/23/18
WE 02/12/18 06/07/18 12:45PM 02:10PM TTH ST 207
WEL 02/12/18 06/07/18 02:30PM 03:55PM TTH ST 207
The above section is a web-enhanced class. Internet access is required.
Instructor: J Drainville

BIO-30  Human Reproduction and Sexual Behavior  3 UNITS
Description: Human anatomy, physiology and behavior as related to sexual reproduction, including discussion of fertilization, pregnancy, childbirth and birth control. Consideration also will be given to homosexuality, sexually transmitted disease, sex education, and sexual intercourse and response. 54 hours lecture.
33870  Last day to add: 02/23/18
WE 02/12/18 06/07/18 12:45PM 02:10PM MW ATEC 114
The above section is a web-enhanced class. Internet access is required.
Instructor: M Donovan

BIO-34  Human Genetics  3 UNITS
Advisory: High school biology or any college life science course with laboratory.
Description: A general education course for non-biology majors and allied health students who are interested in the underlying mechanisms of human heredity. Emphasis will be given to the role of genetics and environment on cells, individuals, family and human populations. Discussion on human genetic disorders and the social implications of modern human genetics will be included. 54 hours lecture.
33871  Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:00AM 09:25AM TTH STEM 201
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

BIO-36  Environmental Science  3 UNITS
Description: A study of humans in relation to the environment that emphasizes population ecology, nutrient cycles and energy flow, pollution, food production, and conservation of natural resources. 54 hours lecture.
33872  Last day to add: 02/23/18
WE 02/12/18 06/07/18 09:40AM 11:05AM TTH STEM 201
The above section is a web-enhanced class. Internet access is required.
Instructor: T Friedrich Finnern

BUS-10  Introduction to Business  3 UNITS
Description: Scope, function and organization of contemporary business; fundamentals, concepts, principles and current practices in the major areas of business activity with an integrated global perspective. 54 hours lecture.
33877  Last day to add: 02/23/18
OL 02/12/18 06/07/18 ON LINE
The above section is an online class. Computer with Internet access required.
Instructor: V Mixson

BUS-10  Introduction to Business  3 UNITS
Description: Scope, function and organization of contemporary business; fundamentals, concepts, principles and current practices in the major areas of business activity with an integrated global perspective. 54 hours lecture.
33878  Last day to add: 02/20/18
OL 02/12/18 04/08/18 ON LINE
The above section is a short term online class. Computer with Internet access required.
See www.opencampus.com. Please note the start and end dates.
Instructor: G Zwart
**BUS-10 Introduction to Business**  
**3 UNITS**  
Description: Scope, function and organization of contemporary business; fundamentals, concepts, principles and current practices in the major areas of business activity with an integrated global perspective. 54 hours lecture.  
33879  
OL 04/16/18 06/07/18  
ON LINE  
The above section is a short term online class. Computer with Internet access required.  
See www.opencampus.com. Please note the start and end dates.  
Instructor: T Johnson

**BUS-10 Introduction to Business**  
**3 UNITS**  
Description: Scope, function and organization of contemporary business; fundamentals, concepts, principles and current practices in the major areas of business activity with an integrated global perspective. 54 hours lecture.  
33873  
WE 02/12/18 06/07/18 08:45AM 10:10AM MW ATEC 210  
The above section is a web-enhanced class. Internet access is required.  
Instructor: L White

**BUS-10 Introduction to Business**  
**3 UNITS**  
Description: Scope, function and organization of contemporary business; fundamentals, concepts, principles and current practices in the major areas of business activity with an integrated global perspective. 54 hours lecture.  
33874  
WE 02/12/18 06/07/18 11:10AM 12:35PM TWH ATEC 211  
The above section is a web-enhanced class. Internet access is required.  
Instructor: A Martin

**BUS-10 Introduction to Business**  
**3 UNITS**  
Description: Scope, function and organization of contemporary business; fundamentals, concepts, principles and current practices in the major areas of business activity with an integrated global perspective. 54 hours lecture.  
33875  
HYB 02/14/18 04/04/18 06:00PM 09:10PM W IT 123  
HYBO 02/14/18 04/04/18 ON LINE  
The above section is a short term hybrid class. Computer with Internet access required.  
Instructor: T Johnson

**BUS-10 Introduction to Business**  
**3 UNITS**  
Description: Scope, function and organization of contemporary business; fundamentals, concepts, principles and current practices in the major areas of business activity with an integrated global perspective. 54 hours lecture.  
33876  
HYB 04/18/18 06/06/18 06:00PM 09:10PM W IT 123  
HYBO 04/18/18 06/06/18 ON LINE  
The above section is a short term hybrid class. Computer with Internet access required.  
See www.opencampus.com. Please note the start and end dates  
Instructor: T Johnson

**BUS-13 Developing a Successful Business Plan/Model**  
**2 UNITS**  
Description: This course provides a systematic process for developing a business plan or model. It establishes a clear road map for clarifying a vision for a business and the strategic, tactical, and operational plans and/or model to move ideas into action. Students further along in the planning and research process will work through the major components of writing a business plan and/or model and emerge with a completed draft of a business plan/model. 36 hours lecture.  
33881  
WE 02/15/18 05/31/18 06:30PM 08:40PM TH STEM 301  
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.  
Instructor: T Johnson

**BUS-14 Social Media and Online Marketing for Entrepreneurs**  
**3 UNITS**  
Description: This course introduces social media and online marketing tools for small businesses. Topics include social networking, online marketing channels, and creating an online presence for small businesses. 54 hours lecture.  
34539  
WE 02/12/18 06/07/18 06:30PM 09:40PM T STEM 301  
Instructor: A Martin

**BUS-18A Business Law I**  
**3 UNITS**  
Description: The social and practical basis of the law. Covers the legal and ethical environment of business, contracts, agency and employment, and the law of sales. 54 hours lecture.  
33882  
OL 02/12/18 06/07/18 ON LINE  
The above section is an online class. Computer with Internet access required.  
Instructor: S Johnson

**BUS-18A Business Law I**  
**3 UNITS**  
Description: The social and practical basis of the law. Covers the legal and ethical environment of business, contracts, agency and employment, and the law of sales. 54 hours lecture.  
33885  
OL 04/16/18 06/07/18 ON LINE  
The above section is an online class. Computer with Internet access required.  
Instructor: C Pentis

**BUS-18A Business Law I**  
**3 UNITS**  
Description: The social and practical basis of the law. Covers the legal and ethical environment of business, contracts, agency and employment, and the law of sales. 54 hours lecture.  
33884  
WE 02/12/18 06/07/18 08:00AM 09:25AM TWH HUM 111  
The above section is a web-enhanced class. Internet access is required.  
Instructor: S Johnson
BUS-18A Business Law I 3 UNITS
Description: The social and practical basis of the law. Covers the legal and ethical environment of business, contracts, agency and employment, and the law of sales. 54 hours lecture.
Last day to add: 02/18/18
HYB 02/14/18 04/04/18 04:15PM 05:40PM W IT 109
HYBO 02/14/18 04/04/18 ON LINE
The above section is a short term hybrid class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.
Instructor: T Wagner

BUS-18B Business Law II 3 UNITS
Description: Commercial paper, secured transactions, bankruptcy, agency and employment, business organizations, governmental regulations, international law, real and personal property and trusts and estates. 54 hours lecture.
Last day to add: 04/22/18
HYB 04/18/18 06/06/18 04:15PM 05:40PM W IT 109
HYBO 04/18/18 06/06/18 ON LINE
The above section is a short term hybrid class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.
Instructor: T Wagner

BUS-20 Business Mathematics 3 UNITS
Description: An introduction to quantitative approaches for solving common business problems using general mathematics and first degree equations. Includes the development and solution of problems in the areas of business statistics, trade and cash discounts, markups and markdowns, perishables, payroll, taxes, simple interest, promissory notes, compound interest, present and future value, annuities and sinking funds, installment buying and credit cards, home ownership costs, insurance, stocks and bonds, mutual funds, financial reports, depreciation, inventory, and overhead. 54 hours lecture.
33889 Last day to add: 02/20/18
OL 02/12/18 04/08/18 ON LINE
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.
Instructor: R Beck

BUS-20 Business Mathematics 3 UNITS
Description: An introduction to quantitative approaches for solving common business problems using general mathematics and first degree equations. Includes the development and solution of problems in the areas of business statistics, trade and cash discounts, markups and markdowns, perishables, payroll, taxes, simple interest, promissory notes, compound interest, present and future value, annuities and sinking funds, installment buying and credit cards, home ownership costs, insurance, stocks and bonds, mutual funds, financial reports, depreciation, inventory, and overhead. 54 hours lecture.
33888 Last day to add: 02/23/18
LEC 02/12/18 06/07/18 03:00PM 04:25PM MW ERHS B106
WE 02/12/18 06/07/18 04:15PM 05:40PM TTH ATEC 204
The above section is a web-enhanced class. Internet access is required.
Instructor: E Doucette

BUS-20 Business Mathematics 3 UNITS
Description: An introduction to quantitative approaches for solving common business problems using general mathematics and first degree equations. Includes the development and solution of problems in the areas of business statistics, trade and cash discounts, markups and markdowns, perishables, payroll, taxes, simple interest, promissory notes, compound interest, present and future value, annuities and sinking funds, installment buying and credit cards, home ownership costs, insurance, stocks and bonds, mutual funds, financial reports, depreciation, inventory, and overhead. 54 hours lecture.
33887 Last day to add: 02/23/18
HYB 02/12/18 06/07/18 06:00PM 07:25PM TH IT 123
HYBO 02/12/18 06/07/18 ON LINE
The above section is a short term hybrid class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.
Instructor: R Beck

BUS-22 Management Communications 3 UNITS
Advisory: CAT-30 Description: Examines the dynamics of organizational communication including a cross cultural emphasis. Practical experience is attained in verbal, non-verbal and interpersonal communication. Includes business report writing, letter writing and resume writing. 54 hours lecture.
33892 Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:45AM 10:10AM MW IT 208
The above section is a web-enhanced class. Internet access is required.
Instructor: V Mixson

HYB - Hybrid Lecture • HYBL - Hybrid Lab • HYBLO - Hybrid Online Lab • HYBO - Hybrid Online Lecture • LAB - Lab • LEC - Lecture • OL - Online Lecture • OLL - Online Lab
WE - Web Enhanced Lecture • WEL - Web Enhanced Lab • WRK - Work Experience Lecture • WRKLNK - Hybrid Work Experience • WRKO - Work Experience Online

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BUS-24  Business Communication  3 UNITS
Prerequisite: ENG-1A or ENG-1AH
Description: Applies the principles of ethical and effective communication to the creation of letters, memos, emails, and written and oral reports for a variety of business situations. The course emphasizes planning, organizing, composing and revising business documents using word processing software for written documents and presentation graphics software to create and deliver professional-level oral reports. Course is designed for students who have college-level writing skills. 54 hours lecture.
33893  Last day to add: 02/23/18
WE 02/12/18 06/07/18 06:00PM 09:10PM M IT 211
Instructor: E Doucette

The above section is a web-enhanced class. Internet access is required.

BUS-80  Principles of Logistics  3 UNITS
Description: An introduction to the management of business logistics functions including purchasing, inventory management, transportation, warehousing and their related technologies. Focus is on integration of logistics functions to improve overall supply chain customer service and cost performance. 54 hours lecture.
33896  Last day to add: 04/24/18
OL 04/16/18 06/07/18 ON LINE
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.
Instructor: R Beck

BUS-47  Applied Business and Management Ethics  3 UNITS
Description: An examination of ethical concerns in business decision making. Includes corporate, personal, global, governmental, public, environmental, product, and job-related issues. Case studies and corporate ethics programs and audits also covered. 54 hours lecture. (Letter Grade, or Pass/No Pass option)
34625  Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:45AM 10:10AM MW IT 210
The above section is a web-enhanced class. Internet access is required.

BUS-85  Warehouse Management  3 UNITS
Description: A study of warehouse management. Includes the role of warehousing within the supply chain, performance metrics, applicable leadership basics, how to interact with other logistics managers to optimize overall activity, as well as principles of warehouse location, design, layout, operating functions, and customer service. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)
33897  Last day to add: 02/23/18
HYB 02/12/18 06/07/18 06:30PM 07:55PM T IT 211
HYBO 02/12/18 06/07/18 ON LINE
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.
Instructor: R Beck

BUS-86  Transportation and Traffic Management  3 UNITS
Description: A study of the freight transportation system including the demand for freight movement, laws, regulations, pricing, and policies, traffic management and international transportation issues. Focuses on how transportation collaborates with other supply chain functions to optimize cost and customer service. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)
33898  Last day to add: 04/24/18
OL 04/16/18 06/07/18 ON LINE
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.
Instructor: C Pentis

BUS-87  Purchasing and Supply Management  3 UNITS
Description: Study of the purchasing and supply manager’s responsibilities including the identification, acquisition, positioning and management of materials, services and equipment that organizations needs to attain their goals. Emphasis is on decision making, integration with suppliers, critical internal relationships, and customer (end user) service. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)
33899  Last day to add: 02/20/18
OL 02/12/18 04/08/18 ON LINE
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.
Instructor: R Beck

Instructor: M Snow

Instructor: C Pentis

Instructor: R Beck
BUS-200  Business Admin Work Exp  1 UNIT
Course is designed to coordinate the student's occupational on-the-job training with related classroom instruction.
PREREQUISITE: None.
ADVISORY: Students should have paid or voluntary employment.
34699  Last day to add: 02/23/18
WRK  02/12/18  06/07/18  ON LINE
The above section is an online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture, students are required to attend an orientation at Norco College the first week of the semester, dates and times will be posted in Blackboard. Students must also meet on-campus for an instructor conference and for final exams. Please see Blackboard for specific dates and times.
Instructor: Staff

COMPUTER APPLICATIONS/OFFICE

CAT-1A  Business Etiquette  1 UNIT
Description: This course provides students with both the knowledge and the skills required to quickly apply business standards of acceptable behavior and etiquette to project a professional image. It addresses additional topics, such as financial planning, appropriate use of workplace technologies, and written business communications, that students need to know when transitioning from campus to the workplace. 18 hours lecture. (Letter Grade, or Pass/No Pass option.)
34592  Last day to add: 02/28/18
WE  02/24/18  04/07/18  08:00AM 10:20AM  S  IT 110
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: C McConnell-Freeman

CAT-31  Business Communications  3 UNITS
Advisory: CAT-30 Description: This course is designed to teach the fundamentals of written and oral communications in business by providing specific practical applications. Emphasis will be on written and oral communications, stressing the most common forms of correspondence. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)
33900  Last day to add: 04/25/18
WE  04/21/18  06/02/18  08:00AM 03:25PM  S  IT 110
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: C McConnell-Freeman

CAT-90  Microsoft Outlook  3 UNITS
Description: This course utilizes Microsoft Outlook to organize and plan personal and business information. Emphasis is placed on the use of Outlook for communication and sharing information with persons within a company or small business. 54 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)
34593  Last day to add: 02/27/18
WE  02/23/18  04/06/18  08:00AM 04:50PM  F  IT 127
WEL  02/23/18  04/06/18  05:00PM 07:50PM  F  IT 127
The above section is a short term web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class. Please note the start and end dates.
Instructor: G Reotutar

CAT-98A  Introduction to Excel  1.50 UNITS
Description: Skill development in electronic spreadsheets using Excel for business and scientific related applications. 27 hours lecture and 18 hours laboratory. (TBA option)(Letter Grade, or Pass/No Pass option.)
33902  Last day to add: 02/20/18
OL  02/12/18  04/08/18  ON LINE
OLL  02/12/18  04/08/18  ON LINE
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.
Instructor: B Fuller

CAT-98A  Introduction to Excel  1.50 UNITS
Description: Skill development in electronic spreadsheets using Excel for business and scientific related applications. 27 hours lecture and 18 hours laboratory. (TBA option)(Letter Grade, or Pass/No Pass option.)
33901  Last day to add: 04/24/18
WE  04/20/18  06/01/18  08:00AM 11:35AM  F  CACT 2
WEL  04/20/18  06/01/18  11:45AM 02:05PM  F  CACT 2
The above section is a short term web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class. Please note the start and end dates.
Instructor: D Friedman

CAT-98B  Advanced Excel  1.50 UNITS
Prerequisite: CAT/CIS-98A Description: Advanced concepts of MS-Excel including managing large spreadsheets, creating and working with databases, creating and using templates, and macro creation. Spreadsheet manipulation with advanced macro techniques, customizing Excel screen and toolbars and solving problems with goal seeker and solver. 27 hours lecture and 18 hours of laboratory. (TBA option)(Letter Grade, or Pass/No Pass option.)
33903  Last day to add: 04/24/18
OL  04/16/18  06/07/18  ON LINE
OLL  04/16/18  06/07/18  ON LINE
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.
Instructor: W Manges

CHE-1A  General Chemistry, I  5 UNITS
Prerequisite: CHE-2A or CHE-3 and MAT-35 Description: The student will explore simple chemical systems, their properties and how they can be investigated and understood in terms of stoichiometry, gas laws, elementary thermodynamics, atomic structure and bonding. Laboratory techniques in the investigation of chemical systems. Students may not receive credit for both CHE-1A and CHE-1AH. 54 hours lecture and 108 hours laboratory. (Letter Grade, or Pass/No Pass option.)
33908  Last day to add: 02/23/18
WE  02/12/18  06/07/18  08:45AM 10:10AM  MW  HUM 204
WEL  02/12/18  06/07/18  01:00PM 04:10PM  MW  HUM 208
The above section is a web-enhanced class. Internet access is required. Instructor: S Tyler
CHE-1A  General Chemistry, I  5 UNITS
Prerequisite: CHE-2A or CHE-3 and MAT-35 Description: The student will explore simple chemical systems, their properties and how they can be investigated and understood in terms of stoichiometry, gas laws, elementary thermodynamics, atomic structure and bonding. Laboratory techniques in the investigation of chemical systems. Students may not receive credit for both CHE-1A and CHE-1AH. 54 hours lecture and 108 hours laboratory. (Letter Grade, or Pass/No Pass option.)

33909  Last day to add: 02/23/18
WE 02/12/18 06/07/18 02:30PM 03:55PM  MW  IT 117
WEL 02/12/18 06/07/18 08:45AM 11:55AM  MW  HUM 208

The above section is a web-enhanced class. Internet access is required.
Instructor: S Tyler

CHE-1B  General Chemistry, II  5 UNITS
Prerequisite: CHE-1A or CHE-1AH Description: Continued exploration of the principles of chemistry with emphasis on kinetics, thermodynamics, acid-base theory, equilibrium and electrochemistry. Special topics from descriptive inorganic chemistry, nuclear chemistry and introductory organic chemistry. Laboratory techniques in the investigation of chemical systems. Students may not receive credit for both CHE-1B and CHE-1BH. 54 hours lecture and 108 hours laboratory. (Letter Grade, or Pass/No Pass option.)

33910  Last day to add: 02/23/18
WE 02/12/18 06/07/18 10:30AM 11:55AM  MW  HUM 204
WEL 02/12/18 06/07/18 08:45AM 11:55AM  TTH  HUM 208

The above section is a web-enhanced class. Internet access is required.
Instructor: J Tyler

CHE-1B  General Chemistry, II  5 UNITS
Prerequisite: CHE-1A or CHE-1AH Description: Continued exploration of the principles of chemistry with emphasis on kinetics, thermodynamics, acid-base theory, equilibrium and electrochemistry. Special topics from descriptive inorganic chemistry, nuclear chemistry and introductory organic chemistry. Laboratory techniques in the investigation of chemical systems. Students may not receive credit for both CHE-1B and CHE-1BH. 54 hours lecture and 108 hours laboratory. (Letter Grade, or Pass/No Pass option.)

34559  Last day to add: 02/23/18
WE 02/12/18 06/07/18 04:15PM 05:40PM  TTH  ATEC 114
WEL 02/12/18 06/07/18 06:30PM 09:40PM  TTH  HUM 208

The above section is a web-enhanced class. Internet access is required.
Instructor: W Cui

CHE-2A  Introductory Chemistry, I  4 UNITS
Prerequisite: MAT-52 Description: Introduction to the nature of chemicals, their properties, chemical bonding, reactions, and mixtures. Applications to health and environmental topics. Fulfills the needs of non-science majors. 54 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

33916  Last day to add: 02/23/18
WE 02/12/18 06/07/18 11:15AM 12:40PM  TH  THTR 101
WEL 02/12/18 06/07/18 02:00PM 05:10PM  TH  HUM 204

The above section is a web-enhanced class. Internet access is required.
Instructor: A Duggal

CHE-2A  Introductory Chemistry, I  4 UNITS
Prerequisite: MAT-52 Description: Introduction to the nature of chemicals, their properties, chemical bonding, reactions, and mixtures. Applications to health and environmental topics. Fulfills the needs of non-science majors. 54 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

33913  Last day to add: 02/23/18
WE 02/12/18 06/07/18 02:30PM 03:55PM  MW  ATEC 114
WEL 02/12/18 06/07/18 08:45AM 11:55AM  F  HUM 204

The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

CHE-2A  Introductory Chemistry, I  4 UNITS
Prerequisite: MAT-52 Description: Introduction to the nature of chemicals, their properties, chemical bonding, reactions, and mixtures. Applications to health and environmental topics. Fulfills the needs of non-science majors. 54 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

33914  Last day to add: 02/23/18
WE 02/12/18 06/07/18 02:30PM 03:55PM  MW  ATEC 114
WEL 02/12/18 06/07/18 01:00PM 04:10PM  F  HUM 204

The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

CHE-2A  Introductory Chemistry, I  4 UNITS
Prerequisite: MAT-52 Description: Introduction to the nature of chemicals, their properties, chemical bonding, reactions, and mixtures. Applications to health and environmental topics. Fulfills the needs of non-science majors. 54 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

33911  Last day to add: 02/23/18
WE 02/12/18 06/07/18 02:30PM 03:55PM  TH  IT 117
WEL 02/12/18 06/07/18 09:30AM 12:40PM  T  HUM 204

The above section is a web-enhanced class. Internet access is required.
Instructor: A Efron

CHE-2A  Introductory Chemistry, I  4 UNITS
Prerequisite: MAT-52 Description: Introduction to the nature of chemicals, their properties, chemical bonding, reactions, and mixtures. Applications to health and environmental topics. Fulfills the needs of non-science majors. 54 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

33912  Last day to add: 02/23/18
WE 02/12/18 06/07/18 02:30PM 03:55PM  TH  IT 117
WEL 02/12/18 06/07/18 09:30AM 12:40PM  TH  HUM 204

The above section is a web-enhanced class. Internet access is required.
Instructor: A Efron
CHE-2A Introductory Chemistry, I 4 UNITS
Prerequisite: MAT-52 Description: Introduction to the nature of chemicals, their properties, chemical bonding, reactions, and mixtures. Applications to health and environmental topics. Fulfills the needs of non-science majors. 54 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)
34696 Last day to add: 02/23/18
WE 02/12/18 06/07/18 07:35PM 09:00PM MW IT 101
WEL 02/12/18 06/07/18 08:00PM 09:10PM TH HUM 204
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

CHE-2A Introductory Chemistry, I 4 UNITS
Prerequisite: MAT-52 Description: Introduction to the nature of chemicals, their properties, chemical bonding, reactions, and mixtures. Applications to health and environmental topics. Fulfills the needs of non-science majors. 54 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)
34697 Last day to add: 02/23/18
WE 02/12/18 06/07/18 07:35PM 09:00PM MW IT 101
WEL 02/12/18 06/07/18 06:00PM 09:10PM F HUM 204
The above section is a web-enhanced class. Internet access is required.
Instructor: S Tyler

CHE-10 Chemistry for Everyone 3 UNITS
Lecture-demonstration course geared to non-science majors—air, water, drugs, genetics, nuclear aspects, etc. No laboratory.
PREREQUISITES: None.
33904 Last day to add: 02/23/18
WE 02/12/18 06/07/18 10:30AM 11:55AM MW IT 101
The above section is a web-enhanced class. Internet access is required.
Instructor: S Tyler

CHE-12A Organic Chemistry I 5 UNITS
Prerequisite: CHE-1B or CHE-1BH Description: A discussion of aliphatic hydrocarbons that focuses on their structure, reactivity, methods of synthesis, physical properties, and reaction mechanisms. Laboratory work emphasizes techniques used to identify, separate, and purify substances. 54 hours lecture and 108 hours laboratory. (Letter Grade, or Pass/No Pass option.)
33905 Last day to add: 02/23/18
WE 02/12/18 06/07/18 09:40AM 11:05AM TTH STEM 301
WEL 02/12/18 06/07/18 02:00PM 05:10PM TTH HUM 208
The above section is a web-enhanced class. Internet access is required.
Instructor: V Lee

CHE-12B Organic Chemistry II 5 UNITS
Prerequisite: CHE-12A Description: Continues discussion based on the content of CHE12A. Develops a detailed study of nucleophilic and elimination reactions from a mechanistic viewpoint. Aliphatic and aromatic chemistry will be fully integrated throughout CHE-12B. Considerable emphasis on synthesis. Laboratory includes techniques of syntheses, separation, and identification of several compounds, and an introduction to qualitative organic analysis. 54 hours lecture and 108 hours laboratory. (Letter Grade, or Pass/No Pass option.)
33906 Last day to add: 02/23/18
WE 02/12/18 06/07/18 02:30PM 03:55PM TTH STEM 125
WEL 02/12/18 06/07/18 08:45AM 11:55AM F HUM 208
WEL2 02/12/18 06/07/18 01:00PM 04:10PM F HUM 208
The above section is a web-enhanced class. Internet access is required.
Instructor: S Tyler

CIS-1A Intro to Comp Info Sys 3 UNITS
Prerequisite: MAT-52 Description: An introduction to computer concepts and theory, information systems, and computer applications. The development of computer based solutions to business problems using word processors, spreadsheets, databases, presentation graphics, and the Internet.
PREREQUISITE: None.
33927 Last day to add: 02/23/18
OL 02/12/18 06/07/18 ON LINE
OLL 02/12/18 06/07/18 ON LINE
The above section is an online class. Computer with Internet access required.
See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.
Instructor: C Brotherton

CIS-1A Intro to Comp Info Sys 3 UNITS
Prerequisite: MAT-52 Description: An introduction to computer concepts and theory, information systems, and computer applications. The development of computer based solutions to business problems using word processors, spreadsheets, databases, presentation graphics, and the Internet.
PREREQUISITE: None.
33929 Last day to add: 02/23/18
OL 02/12/18 06/07/18 ON LINE
OLL 02/12/18 06/07/18 ON LINE
The above section is an online class. Computer with Internet access required.
See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.
Instructor: J Perry

CIS-1A Intro to Comp Info Sys 3 UNITS
Prerequisite: MAT-52 Description: An introduction to computer concepts and theory, information systems, and computer applications. The development of computer based solutions to business problems using word processors, spreadsheets, databases, presentation graphics, and the Internet.
PREREQUISITE: None.
33931 Last day to add: 02/23/18
OL 02/12/18 06/07/18 ON LINE
OLL 02/12/18 06/07/18 ON LINE
The above section is an online class. Computer with Internet access required.
See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.
Instructor: C Brotherton
CIS-1A  Intro to Comp Info Sys  3 UNITS
An introduction to computer concepts and theory, information systems,
and computer applications. The development of computer based solutions
to business problems using word processors, spreadsheets, databases,
presentation graphics, and the Internet.
PREREQUISITE: None.
33932  Last day to add: 02/23/18
OL  02/12/18  06/07/18
OLL  02/12/18  06/07/18
The above section is an online class. Computer with Internet access required.
See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are
completed online.
Instructor: J Perry

CIS-1A  Intro to Comp Info Sys  3 UNITS
An introduction to computer concepts and theory, information systems,
and computer applications. The development of computer based solutions
to business problems using word processors, spreadsheets, databases,
presentation graphics, and the Internet.
PREREQUISITE: None.
33925  Last day to add: 02/23/18
WE  02/12/18  06/07/18  08:00AM 09:25AM  TTH ATEC 118
WEL  02/12/18  06/07/18  09:40AM 10:30AM  T ATEC 118
The above section is a web-enhanced class. Internet access is required. Designated laborato-
ry hours are included in the meeting times for this class.
Instructor: C Brotherton

CIS-1A  Intro to Comp Info Sys  3 UNITS
An introduction to computer concepts and theory, information systems,
and computer applications. The development of computer based solutions
to business problems using word processors, spreadsheets, databases,
presentation graphics, and the Internet.
PREREQUISITE: None.
33935  Last day to add: 02/23/18
HYB  02/12/18  06/07/18  08:00AM 09:35AM  S IT 125
HYBO  02/12/18  06/07/18  ON LINE
HYBL  02/12/18  06/07/18  09:45AM 10:50AM  S IT 125
The above section is a hybrid class. Computer with Internet access required.
See www.opencampus.com. Designated laboratory hours are included in the meeting times
for this class.
Instructor: B Fuller

CIS-1A  Intro to Comp Info Sys  3 UNITS
An introduction to computer concepts and theory, information systems,
and computer applications. The development of computer based solutions
to business problems using word processors, spreadsheets, databases,
presentation graphics, and the Internet.
PREREQUISITE: None.
33930  Last day to add: 02/23/18
WE  02/12/18  06/07/18  10:30AM 11:55AM  MW IT 127
WEL  02/12/18  06/07/18  12:00PM 12:50PM  MW IT 127
The above section is a web-enhanced class. Internet access is required. Designated laborato-
ry hours are included in the meeting times for this class.
Instructor: J Perry

CIS-1A  Intro to Comp Info Sys  3 UNITS
An introduction to computer concepts and theory, information systems,
and computer applications. The development of computer based solutions
to business problems using word processors, spreadsheets, databases,
presentation graphics, and the Internet.
PREREQUISITE: None.
33934  Last day to add: 02/23/18
WE  02/12/18  06/07/18  10:30AM 12:35PM  M IT 125
WE2  02/12/18  06/07/18  10:30AM 11:20AM  W IT 125
WEL  02/12/18  06/07/18  11:30AM 12:35PM  W IT 125
The above section is a web-enhanced class. Internet access is required. Designated laborato-
ry hours are included in the meeting times for this class.
Instructor: J Coverdale

CIS-1A  Intro to Comp Info Sys  3 UNITS
An introduction to computer concepts and theory, information systems,
and computer applications. The development of computer based solutions
to business problems using word processors, spreadsheets, databases,
presentation graphics, and the Internet.
PREREQUISITE: None.
33933  Last day to add: 03/06/18
WE  02/23/18  06/01/18  10:30AM 02:35PM  F ATEC 118
WEL  02/23/18  06/01/18  02:45PM 03:55PM  F LIBR LRC
The above section is a short term web-enhanced class. Internet access is required. Designat-
ed laboratory hours are included in the meeting times for this class. Please note the start and
end dates.
Instructor: B Fuller

CIS-1A  Intro to Comp Info Sys  3 UNITS
An introduction to computer concepts and theory, information systems,
and computer applications. The development of computer based solutions
to business problems using word processors, spreadsheets, databases,
presentation graphics, and the Internet.
PREREQUISITE: None.
33926  Last day to add: 02/23/18
WE  02/12/18  06/07/18  01:10PM 03:15PM  M ATEC 118
WE2  02/12/18  06/07/18  01:10PM 02:15PM  W ATEC 118
WEL  02/12/18  06/07/18  02:20PM 03:25PM  W ATEC 118
The above section is a web-enhanced class. Internet access is required. Designated laborato-
ry hours are included in the meeting times for this class.
Instructor: J Coverdale

CIS-1A  Intro to Comp Info Sys  3 UNITS
An introduction to computer concepts and theory, information systems,
and computer applications. The development of computer based solutions
to business problems using word processors, spreadsheets, databases,
presentation graphics, and the Internet.
PREREQUISITE: None.
33928  Last day to add: 02/23/18
WE  02/12/18  06/07/18  04:35PM 06:40PM  T ATEC 118
WE2  02/12/18  06/07/18  05:35PM 06:40PM  TH ATEC 118
WEL  02/12/18  06/07/18  05:35PM 06:40PM  TH ATEC 118
The above section is a web-enhanced class. Internet access is required. Designated laborato-
ry hours are included in the meeting times for this class.
Instructor: J Coverdale
### CIS-2  Fundamentals of Systems Analysis  3 UNITS
Description: The course presents a systematic methodology for analyzing a business problem or opportunity, determining what role, if any, computer-based technologies can play in addressing the business need, articulating business requirements for the technology solution, specifying alternative approaches to acquiring the technology capabilities needed to address the business requirements, and specifying the requirements for the information systems solution in particular, in-house development, development from third-party providers, or purchased commercial-off-the-shelf packages. 54 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Last day to add</th>
<th>Start Date</th>
<th>End Date</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<tr>
<td>33936</td>
<td>02/23/18</td>
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<td>06/07/18</td>
<td>OL</td>
<td>06:00AM</td>
<td>IT 202</td>
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<td></td>
<td>OLL</td>
<td>09:35AM</td>
<td>IT 202</td>
</tr>
</tbody>
</table>

The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.

**Instructor:** W Ibekwe

### CIS-5  Programming Concepts and Methodology I: C++  4 UNITS
Advisory: CIS-1A Description: Introduction to the discipline of computer science incorporating problem definitions, algorithm development, and structured programming logic for business, scientific and mathematical applications. The C++ language will be used for programming problems. 54 hours lecture and 54 hours laboratory.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Last day to add</th>
<th>Start Date</th>
<th>End Date</th>
<th>Days</th>
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<tbody>
<tr>
<td>33940</td>
<td>02/23/18</td>
<td>02/12/18</td>
<td>06/07/18</td>
<td>OL</td>
<td>06:00AM</td>
<td>IT 202</td>
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<td>OLL</td>
<td>09:35AM</td>
<td>IT 202</td>
</tr>
</tbody>
</table>

The above section is an online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online.

**Instructor:** J Perry

### CIS-5  Programming Concepts and Methodology I: C++  4 UNITS
Advisory: CIS-1A Description: Introduction to the discipline of computer science incorporating problem definitions, algorithm development, and structured programming logic for business, scientific and mathematical applications. The C++ language will be used for programming problems. 54 hours lecture and 54 hours laboratory.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Last day to add</th>
<th>Start Date</th>
<th>End Date</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<tr>
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<td>06/07/18</td>
<td>WE</td>
<td>08:00AM</td>
<td>TTH IT 202</td>
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<td></td>
<td></td>
<td></td>
<td>WEL</td>
<td>09:35AM</td>
<td>TTH IT 202</td>
</tr>
</tbody>
</table>

The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class.

**Instructor:** J Perry

### CIS-11  Computer Architecture and Organization: Assembly  3 UNITS
Advisory: CIS/CSC-5 Description: An introduction to microprocessor architecture and assembly language programming. The relationship between hardware and software will be examined in order to understand the interaction between a program and the total system. Mapping of statements and constructs in a high-level language onto sequences of machine instructions is studied as well as the internal representation of simple data types and structures. Numerical computation is performed, noting the various data representation errors and potential procedural errors. 54 hours lecture and 18 hours laboratory. (TBA option)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Last day to add</th>
<th>Start Date</th>
<th>End Date</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<td>02/23/18</td>
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<td>WE</td>
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<td>M ATEC 118</td>
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<td>WE2</td>
<td>10:15AM</td>
<td>W ATEC 118</td>
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<td>WEL</td>
<td>11:15AM</td>
<td>W ATEC 118</td>
</tr>
</tbody>
</table>

The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class.

**Instructor:** J Wilson

### CIS-14A  Web Programming: JavaScript  3 UNITS
Advisory: Previous programming experience and knowledge of HTML, CSC/CIS-5 and CIS-72A Description: Fundamentals of JavaScript programming for the world wide web for students already familiar with the fundamentals of programming and HTML. Language features will include control structures, functions, arrays, JavaScript objects, browser objects and events. Web applications will include image rollovers, user interactivity, manipulating browser windows, form validation and processing, cookies, creating dynamic content, and Dynamic HTML programming. 54 hours lecture and 18 hours laboratory. (TBA Option) (Letter Grade, or Pass/No Pass option.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Last day to add</th>
<th>Start Date</th>
<th>End Date</th>
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<td>M CACT 2</td>
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<tr>
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<td>WEL</td>
<td>07:00PM</td>
<td>W CACT 2</td>
</tr>
</tbody>
</table>

The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class.

**Instructor:** J Wilson

### CIS-17A  Programming Concepts and Methodology II: C++  3 UNITS
Prerequisite: CIS/CSC-5 Description: The application of software engineering techniques to the design and development of large programs; data abstraction, structures, and associated algorithms. A comprehensive study of the syntax and semantics of the C++ language and the methodology of Object-Oriented program development. 54 hours lecture and 18 hours laboratory. (TBA option)

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<tr>
<th>Course Code</th>
<th>Last day to add</th>
<th>Start Date</th>
<th>End Date</th>
<th>Days</th>
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<td>06/07/18</td>
<td>WE</td>
<td>08:00AM</td>
<td>M ATEC 118</td>
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<td></td>
<td>WE2</td>
<td>08:50AM</td>
<td>W ATEC 118</td>
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<td>WEL</td>
<td>10:05AM</td>
<td>W ATEC 118</td>
</tr>
</tbody>
</table>

The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class.

**Instructor:** T Pryor

**HYB** - Hybrid Lecture  **HYBL** - Hybrid Lab  **HYBLO** - Hybrid Online Lab  **HYBO** - Hybrid Online Lecture  **LAB** - Lab  **LEC** - Lecture  **OL** - Online Lecture  **OLL** - Online Lab  
CIS-17A  Programming Concepts and Methodology II: C++  3 UNITS
Prerequisite: CIS/CSC-5 Description: The application of software engineering techniques to the design and development of large programs; data abstraction, structures, and associated algorithms. A comprehensive study of the syntax and semantics of the C++ language and the methodology of Object-Oriented program development. 54 hours lecture and 18 hours laboratory. (TBA option)
33919  Last day to add: 02/23/18
WE 02/12/18 06/07/18 05:30PM 08:40PM M ATEC 118
WEL 02/12/18 06/07/18 08:50PM 09:40PM M ATEC 118
The above section is a web-enhanced class. Internet access is required.

CIS-17B  C++ Programming: Advanced Objects  3 UNITS
Advisory: CIS/CSC-17A Description: This is an advanced C++ programming course for students familiar with object-oriented programming and utilization of basic graphical interface techniques. An emphasis will be placed on advanced concepts associated with complex business and gaming applications that utilize exception handling, multithreading, multimedia, and database connectivity. 54 hours lecture and 18 hours laboratory. (Letter Grade, or Pass/No Pass option.)
33921  Last day to add: 02/23/18
WE 02/12/18 06/07/18 02:00PM 03:25PM TTH IT 125
WEL 02/12/18 06/07/18 03:35PM 04:25PM TH LIBR LRC
The above section is a web-enhanced class. Internet access is required.

CIS-17C  C++ Programming: Data Structures  3 UNITS
Advisory: CIS/CSC-17A Description: This course offers a thorough presentation of the essential principles and practices of data structures using the C++ programming language. The course emphasizes abstract data types, software engineering principles, lists, stacks, queues, trees, graphs, and the comparative analysis of algorithms. 54 hours lecture and 18 hours laboratory. (TBA option)
33922  Last day to add: 02/23/18
WE 02/12/18 06/07/18 03:55PM 05:20PM MW ATEC 118
WEL 02/12/18 06/07/18 02:50PM 03:40PM W LIBR LRC
The above section is a web-enhanced class. Internet access is required.

CIS-18B  Java Programming: Advanced Objects  3 UNITS
Advisory: CIS/CSC-18A Description: This is an advanced Java programming course for students familiar with object-oriented programming and utilization of basic graphical interface techniques. An emphasis will be placed on advanced concepts associated with Business, E-Commerce and Gaming applications that utilize exception handling, multithreading, multimedia, and database connectivity. 54 hours lecture and 18 hours laboratory. (TBA option)
33924  Last day to add: 02/23/18
OL 02/12/18 06/07/18 ON LINE
OLL 02/12/18 06/07/18 ON LINE
The above section is an online class. Computer with Internet access required.

CIS-21  Introduction to Operating Systems  3 UNITS
Prerequisite: CIS-1A Description: An introduction to operating system concepts, structure, functions, performance, and management is covered. A current operating system, such as Windows, Linux, or UNIX is used as a case study. File multi-processing, system security, device management, network operating systems, and utilities are introduced. 54 hours lecture and 18 hours laboratory. (TBA option)
33937  Last day to add: 02/23/18
WE 02/12/18 06/07/18 06:50PM 08:15PM TTH ATEC 118
WEL 02/12/18 06/07/18 08:25PM 09:15PM TH ATEC 118
The above section is a web-enhanced class. Internet access is required.

CIS-44  Portfolio Production  2 UNITS
Description: Creative organization and presentation of a body of work exhibiting portfolio-quality aptitude. Covers all aspects of creation and presentation of a professional portfolio for students of multimedia majors such as 3D modeling, animation, game design, game programming, mobile applications development and graphic design. Students will edit existing work to emphasize individual strengths and areas of specialization. Compilation of a professional resume and mock interviews will be completed by each student. 18 hours lecture and 54 hours laboratory.
33938  Last day to add: 02/23/18
WE 02/12/18 06/07/18 06:30PM 07:20PM T IT 202
WEL 02/12/18 06/07/18 06:30PM 07:20PM TH IT 202
WEL2 02/12/18 06/07/18 07:30PM 08:35PM TH IT 202
The above section is a web-enhanced class. Internet access is required.

Instructor: A Rainey
Instructor: J Finley
Instructor: M Chapman
Instructor: J Oconnor
Instructor: T Dunipace
CIS-78B  Advanced Adobe Photoshop  3 UNITS
Prerequisite: CIS-78A or CAT-78B Description: Advanced techniques and methods for using Adobe PhotoShop to produce custom graphic solutions. Focus on real-world projects, workflow foundations, adjusting and optimizing images, and tips and tricks for enhanced image creation. 54 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)

34600  Last day to add: 02/23/18
WE 02/12/18 06/07/18 10:40AM 12:45PM T ATEC 118
WE2 02/12/18 06/07/18 10:40AM 11:30AM TH ATEC 118
WEL 02/12/18 06/07/18 11:40AM 12:45PM TH ATEC 118

The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class.

Instructor: C Brotherton

CIS-98A  Introduction to Excel  1.50 UNITS
An introduction to electronic spreadsheets using Excel. (Same as CAT-98A) PREREQUISITE: None.

33941  Last day to add: 02/20/18
OL 02/12/18 04/08/18 ON LINE
OLL 02/12/18 04/08/18 ON LINE

The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.

Instructor: B Fuller

CIS-98A  Introduction to Excel  1.50 UNITS
An introduction to electronic spreadsheets using Excel. (Same as CAT-98A) PREREQUISITE: None.

33942  Last day to add: 04/24/18
WE 04/20/18 06/01/18 08:00AM 11:35AM F CACT 2
WEL 04/20/18 06/01/18 11:45AM 02:05PM F CACT 2

The above section is a short term web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class. Please note the start and end dates.

Instructor: D Friedman

CIS-98B  Advanced Excel  1.50 UNITS
Description: Advanced concepts of MS-Excel including managing large spreadsheets, creating and working with databases, creating and using templates, and macro creation. Spreadsheet manipulation

33943  Last day to add: 04/24/18
OL 04/16/18 06/07/18 ON LINE
OLL 04/16/18 06/07/18 ON LINE

The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.

Instructor: W Manges

COMMUNICATION STUDIES

COM-1  Public Speaking  3 UNITS
Advisory: COM-51 and qualification for ENG-1A Description: Prepares students to compose (develop outlines and research) and present a minimum of four speeches, including informative and persuasive presentations in front of a live audience. Emphasis will include: different purposes of speaking, types of speeches and organizational patterns, topic choice and audience adaptation, rhetorical principles, development and support of sound reasoning and argument, theories of persuasion, application of ethics in public speaking, listening skills, and theory and principles of effective delivery. Students will speak formally for a minimum of 20 total semester minutes. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

33948  Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:00AM 09:25AM TH IT 110
LEC 02/12/18 06/07/18 08:45AM 10:10AM MW IT 110
The above section is a web-enhanced class. Internet access is required.

Instructor: F Shibley

COM-1  Public Speaking  3 UNITS
Advisory: COM-51 and qualification for ENG-1A Description: Prepares students to compose (develop outlines and research) and present a minimum of four speeches, including informative and persuasive presentations in front of a live audience. Emphasis will include: different purposes of speaking, types of speeches and organizational patterns, topic choice and audience adaptation, rhetorical principles, development and support of sound reasoning and argument, theories of persuasion, application of ethics in public speaking, listening skills, and theory and principles of effective delivery. Students will speak formally for a minimum of 20 total semester minutes. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

33949  Last day to add: 02/23/18
LEC 02/12/18 06/07/18 08:45AM 10:10AM MW IT 110
The above section is a web-enhanced class. Internet access is required.

Instructor: M Lewis

COM-1  Public Speaking  3 UNITS
Advisory: COM-51 and qualification for ENG-1A Description: Prepares students to compose (develop outlines and research) and present a minimum of four speeches, including informative and persuasive presentations in front of a live audience. Emphasis will include: different purposes of speaking, types of speeches and organizational patterns, topic choice and audience adaptation, rhetorical principles, development and support of sound reasoning and argument, theories of persuasion, application of ethics in public speaking, listening skills, and theory and principles of effective delivery. Students will speak formally for a minimum of 20 total semester minutes. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

33951  Last day to add: 02/23/18
LEC 02/12/18 06/07/18 09:40AM 11:05AM TTH IT 108

Instructor: M Lewis
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<td>Public Speaking</td>
<td>3</td>
<td>COM-51 and qualification for ENG-1A</td>
<td>Prepares students to compose (develop outlines and research) and present a minimum of four speeches, including informative and persuasive presentations in front of a live audience. Emphasis will include: different purposes of speaking, types of speeches and organizational patterns, topical choice and audience adaptation, rhetorical principles, development and support of sound reasoning and argument, theories of persuasion, application of ethics in public speaking, listening skills, and theory and principles of effective delivery. Students will speak formally for a minimum of 20 total semester minutes. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)</td>
</tr>
</tbody>
</table>

**Instructor:** 

- A Razook
- R Stinson
- D Romo
- L Tat
- B Rihan

**Internet Access Required:** Yes

**Last Day to Add:** 

- 02/23/18
- 06/07/18
- 02/23/18
- 02/12/18
- 02/12/18

**Note:** 

- The above section is a short-term web-enhanced class.

- The above section is a web-enhanced class.
COM-1 Public Speaking 3 UNITS  
Advisory: COM-51 and qualification for ENG-1A Description: Prepares students to compose (develop outlines and research) and present a minimum of four speeches, including informative and persuasive presentations in front of a live audience. Emphasis will include: different purposes of speaking, types of speeches and organizational patterns, topic choice and audience adaptation, rhetorical principles, development and support of sound reasoning and argument, theories of persuasion, application of ethics in public speaking, listening skills, and theory and principles of effective delivery. Students will speak formally for a minimum of 20 total semester minutes. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

Instructor: N Aceses

COM-3 Argumentation and Debate 3 UNITS  
Advisory: COM-51 and qualification for ENG-1A Description: Covers theoretical underpinnings of argumentation and debate including a systematic approach to the process of debate, theories of argumentation as related to topic analysis, research, case construction, rebuttals, cross-examination, utilization of sound reasoning, and the importance of ethical behavior in debate. Focus is on effective delivery of verbal and nonverbal communication as well as effective listening. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

Instructor: D Romo

COM-7 Oral Interpretation of Literature 3 UNITS  
Advisory: COM-51 and qualification for ENG-1A Description: Preparation and presentation of interpreting literature (prose, poetry and drama). Principles and techniques of interpreting the printed page are related to preparing and presenting an oral interpretation of literature for an audience. Provides opportunities for cultural enrichment, literary analysis, creative outlet, articulate expression and improved speaking ability. Oral presentations required. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

Instructor: M Lewis

COM-9 Interpersonal Communication 3 UNITS  
Advisory: COM-51 and qualification for ENG-1A Description: Analyzes the dynamics of the two-person communication process in relationships. Students study values, communication models, listening, verbal and nonverbal communication, perception, self-concept, self-disclosure, management of emotions, relationship theories and conflict management. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

Instructor: M Lewis

Instructor: A Olaerts
COM-9 Interpersonal Communication 3 UNITS
Advisory: COM-51 and qualification for ENG-1A Description: Analyzes the dynamics of the two-person communication process in relationships. Students study values, communication models, listening, verbal and nonverbal communication, perception, self-concept, self-disclosure, management of emotions, relationship theories and conflict management. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)
33964 Last day to add: 02/23/18
LEC 02/12/18 06/07/18 11:15AM 12:40PM TTH IT 210
Instructor: A Olaerts

COM-9 Interpersonal Communication 3 UNITS
Advisory: COM-51 and qualification for ENG-1A Description: Analyzes the dynamics of the two-person communication process in relationships. Students study values, communication models, listening, verbal and nonverbal communication, perception, self-concept, self-disclosure, management of emotions, relationship theories and conflict management. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)
33969 Last day to add: 02/23/18
WE 02/12/18 06/07/18 12:45PM 02:10PM MW IT 210
The above section is a web-enhanced class. Internet access is required.
Instructor: R Stinson

COM-9 Interpersonal Communication 3 UNITS
Advisory: COM-51 and qualification for ENG-1A Description: Analyzes the dynamics of the two-person communication process in relationships. Students study values, communication models, listening, verbal and nonverbal communication, perception, self-concept, self-disclosure, management of emotions, relationship theories and conflict management. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)
33963 Last day to add: 02/23/18
WE 02/12/18 06/07/18 02:30PM 03:55PM MW IT 210
The above section is a web-enhanced class. Internet access is required.
Instructor: R Stinson

COM-9 Interpersonal Communication 3 UNITS
Advisory: COM-51 and qualification for ENG-1A Description: Analyzes the dynamics of the two-person communication process in relationships. Students study values, communication models, listening, verbal and nonverbal communication, perception, self-concept, self-disclosure, management of emotions, relationship theories and conflict management. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)
33968 Last day to add: 02/23/18
HYB 02/12/18 06/07/18 02:30PM 03:55PM T IT 211
HYBO 02/12/18 06/07/18 02:30PM 03:55PM ON LINE
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.
Instructor: J Muto

COM-9 Interpersonal Communication 3 UNITS
Advisory: COM-51 and qualification for ENG-1A Description: Analyzes the dynamics of the two-person communication process in relationships. Students study values, communication models, listening, verbal and nonverbal communication, perception, self-concept, self-disclosure, management of emotions, relationship theories and conflict management. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)
33960 Last day to add: 02/23/18
WE 02/12/18 06/07/18 04:15PM 05:40PM MW IT 211
The above section is a web-enhanced class. Internet access is required.
Instructor: B Rihan

COM-9 Interpersonal Communication 3 UNITS
Advisory: COM-51 and qualification for ENG-1A Description: Analyzes the dynamics of the two-person communication process in relationships. Students study values, communication models, listening, verbal and nonverbal communication, perception, self-concept, self-disclosure, management of emotions, relationship theories and conflict management. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)
33965 Last day to add: 02/23/18
HYB 02/12/18 06/07/18 04:15PM 05:40PM T IT 211
HYBO 02/12/18 06/07/18 06:15PM 07:40PM ON LINE
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.
Instructor: J Muto

COM-9 Interpersonal Communication 3 UNITS
Advisory: COM-51 and qualification for ENG-1A Description: Analyzes the dynamics of the two-person communication process in relationships. Students study values, communication models, listening, verbal and nonverbal communication, perception, self-concept, self-disclosure, management of emotions, relationship theories and conflict management. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)
33966 Last day to add: 02/23/18
WE 02/12/18 06/07/18 04:15PM 05:40PM TTH LIBR 110
The above section is a web-enhanced class. Internet access is required.
Instructor: L Tat

COM-9 Interpersonal Communication 3 UNITS
Advisory: COM-51 and qualification for ENG-1A Description: Analyzes the dynamics of the two-person communication process in relationships. Students study values, communication models, listening, verbal and nonverbal communication, perception, self-concept, self-disclosure, management of emotions, relationship theories and conflict management. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)
33967 Last day to add: 02/23/18
WE 02/12/18 06/07/18 06:30PM 08:00PM T ST 108
The above section is a web-enhanced class. Internet access required.
Instructor: L Tat
COM-12  Intercultural Communication  3 UNITS
Advisory: COM-51 and qualification for ENG-1A Description: This course provides an introduction to the factors affecting intercultural communication. This course focuses on the communication behaviors and values common to all cultures and ethnic groups, as well as the differences that may insulate and divide people. Students will examine influences on the communication process, including aspects such as stereotyping, gender roles, values, beliefs, verbal and nonverbal communication patterns, conflict styles and much more. Students will learn to overcome the communication problems that may result when members of other cultures and/or ethnic groups communicate by evaluating their own intercultural communication patterns and learning skills to increase their effectiveness. 54 hours lecture. (Letter Grade or Pass/No Pass option)
33954  Last day to add: 02/20/18
OL  02/12/18  04/08/18
ON LINE
The above section is a short term online class. Computer with Internet access required.
See www.opencampus.com. Please note the start and end dates.
Instructor: A Olaerts

COM-13  Gender and Communication  3 UNITS
Advisory: COM-51 and qualification for ENG-1A Description: A study of theories that address communication styles including similarities and differences between masculine and feminine gender types. Integrates theories to heighten students' awareness of the importance of gender as a communication variable. Theoretical approaches to the development of gender are discussed. Gender communication issues are addressed with an emphasis on listening, perception, verbal, nonverbal communication, and conflict management in interpersonal, small group and various other contexts. 54 hours lecture. (Letter Grade, or Pass/No Pass option)
33955  Last day to add: 02/23/18
WE  02/12/18  06/07/18  02:30PM  05:40PM TH  IT 211
The above section is a web-enhanced class. Internet access is required.
Instructor: J Muto

COM-20  Introduction to Communication Theory  3 UNITS
Advisory: COM-51 and/or qualification for ENG 1A Description: A survey of the discipline of communication studies with emphasis on multiple epistemological, theoretical, and methodological issues relevant to the systematic inquiry and pursuit of knowledge about human communication. This course explores the basic history, assumptions, principles, processes, variables, methods, and specializations of human communication as an academic field of study. 54 hours lecture. (Letter Grade, or Pass/No Pass Option)
33956  Last day to add: 04/24/18
OL  04/16/18  06/07/18
ON LINE
The above section is a short term online class. Computer with Internet access required.
See www.opencampus.com. Please note the start and end dates.
Instructor: J Muto

CONSTRUCTION TECHNOLOGY

CON-62  Blueprint Reading  3 UNITS
Overview of the basic concepts of reading construction blueprints. PREREQUISITE: None.
33974  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  04:15PM  05:40PM THH  IT 123
Instructor: J Thomas

CON-62  Blueprint Reading  3 UNITS
Overview of the basic concepts of reading construction blueprints. PREREQUISITE: None.
33973  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  06:00PM  09:10PM M  IT 122
Instructor: A Olaerts

CON-63A  Uniform Bldg Code/Ordin  3 UNITS
Use of uniform building code in plan checking for compliance. PREREQUISITE: None.
33975  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  06:30PM  09:40PM W  IT 122
Instructor: J Thomas

CON-63B  Analysis of Revisions to the Uniform Building Code  3 UNITS
Prerequisite: CON-63A Description: An analysis which discusses the changes, amendments and the intent of the code. This analysis to provide to the building industry a concise understanding and purpose of facilitating the current code. In addition, the analysis of the revisions may be used as a plan check and field inspection aid to ensure a better appraisal of the latest revisions. 54 hours lecture.
33976  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  06:30PM  09:40PM W  IT 122
Instructor: J Thomas

CON-63C  Analysis of Revisions to the Uniform Building Code  3 UNITS
Prerequisite: CON-63A Description: An analysis which discusses the changes, amendments and the intent of the code. This analysis to provide to the building industry a concise understanding and purpose of facilitating the current code. In addition, the analysis of the revisions may be used as a plan check and field inspection aid to ensure a better appraisal of the latest revisions. 54 hours lecture.
33977  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  06:30PM  09:40PM W  IT 122
Instructor: J Thomas

Instructor: J Thomas

www.norcocollgebookstore.com
CON-63D  Analysis of Revisions to the Uniform Building Code  

PREREQUISITE: CON-63A  
Description: An analysis which discusses the changes, amendments and the intent of the code. This analysis to provide to the building industry a concise understanding and purpose of facilitating the current code. In addition, the analysis of the revisions may be used as a plancheck and field inspection aid to ensure a better appraisal of the latest revisions. 54 hours lecture. 
LEC 02/12/18 06:00PM 09:10PM M IT 117  
Instructor: J Thomas  
Last day to add: 02/23/18

CON-64  Office/Field Inspect  
3 UNITS  
Building and safety office management and inspections for compliance. 
PREREQUISITE: None. 
LEC 02/12/18 06:00PM 09:10PM M IT 117 
Instructor: J Thomas 
Last day to add: 02/23/18

CON-66  National Electrical Code  
3 UNITS  
Description: Review of electrical codes including discussion and analysis of the application of physical laws in development of the code requirements. 54 hours lecture. 
LEC 02/12/18 06:00PM 09:10PM M IT 117 
Instructor: J Thomas 
Last day to add: 02/23/18

CON-67  Mechanical Code  
3 UNITS  
Description: Review of mechanical codes and regulations in construction. 
PREREQUISITE: None. 
LEC 02/12/18 06:00PM 09:10PM M IT 117 
Instructor: J Thomas 
Last day to add: 02/23/18

CON-71  Energy Conservation Standards  
1.50 UNITS  
Description: Administrative regulations and codes that regulate the energy conservation for new residential buildings. Energy measures and mandatory features and devices that must be installed in new residential buildings and the enforcement by local building departments. 27 hours lecture. 
LEC 02/12/18 06:00PM 09:35PM M IT 123 
Instructor: J Thomas 
Last day to add: 02/16/18

CON-72  Calif State Accessibility  
1.50 UNITS  
Examines the provisions of Title 24 accessibility standards of the California Uniform Building Code. 
PREREQUISITE: None. 
LEC 04/16/18 06:00PM 09:35PM M IT 123 
Instructor: J Thomas 
Last day to add: 04/20/18

CON-73  Project Planning for Site Construction  
3 UNITS  
Description: Organization, procedures and necessary paperwork pertinent to the planning and construction of site improvements. Site analysis by evaluating the needs of the property as well as the needs of those using the property and the design correlations with scope, specifications and control of local, state, and federal agencies. 54 hours lecture. 
LEC 02/12/18 06:00PM 09:40PM W IT 122 
Instructor: J Thomas 
Last day to add: 02/23/18

DANCE  

DAN-6  Dance Appreciation  
3 UNITS  
Description: A nontechnical course for the general student leading to the appreciation and understanding of dance as a medium of communication, entertainment, and as an art form. 54 hours lecture. (Letter Grade, or Pass/No Pass option.) 
LEC 02/12/18 06:00PM 09:10PM M IT 117 
Instructor: E Goe 
Last day to add: 02/23/18

EARLY CHILDHOOD EDUCATION  

EAR-20  Child Growth and Development  
3 UNITS  
Description: This introductory course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages. Outside observations required. 54 hours lecture. 
LEC 02/12/18 06:00PM 09:35PM M IT 123 
Instructor: S Burnett 
Last day to add: 02/16/18

OL 02/12/18 06:00PM 09:35PM ON LINE 
The above section is an online class. Computer with Internet access required.  
Instructor: S Burnett 
Last day to add: 02/16/18

OL 02/12/18 06:00PM 09:35PM ON LINE 
The above section is an online class. Computer with Internet access required.  
Instructor: S Burnett 
Last day to add: 02/16/18

OL 02/12/18 06:00PM 09:35PM ON LINE 
The above section is an online class. Computer with Internet access required.  
Instructor: S Burnett 
Last day to add: 02/16/18

OL 02/12/18 06:00PM 09:35PM ON LINE 
The above section is an online class. Computer with Internet access required.  
Instructor: S Burnett 
Last day to add: 02/16/18

OL 02/12/18 06:00PM 09:35PM ON LINE 
The above section is an online class. Computer with Internet access required.  
Instructor: S Burnett 
Last day to add: 02/16/18

OL 02/12/18 06:00PM 09:35PM ON LINE 
The above section is an online class. Computer with Internet access required.  
Instructor: S Burnett 
Last day to add: 02/16/18

OL 02/12/18 06:00PM 09:35PM ON LINE 
The above section is an online class. Computer with Internet access required.  
Instructor: S Burnett 
Last day to add: 02/16/18

OL 02/12/18 06:00PM 09:35PM ON LINE 
The above section is an online class. Computer with Internet access required.  
Instructor: S Burnett 
Last day to add: 02/16/18
**EAR-20  Child Growth and Development**  
3 UNITS  
Description: This introductory course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages. Outside observations required. 54 hours lecture.

33987  
Last day to add: 02/23/18  
LEC  02/12/18  06/07/18  09:30AM  12:40PM  TH  IT 209  
Instructor: M Adams

**EAR-20  Child Growth and Development**  
3 UNITS  
Description: This introductory course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages. Outside observations required. 54 hours lecture.

33986  
Last day to add: 02/23/18  
WE  02/12/18  06/07/18  02:30PM  03:55PM  MW  IT 209  
The above section is a web-enhanced class. Internet access is required.  
Instructor: S Burnett

**EAR-24  Introduction to Curriculum**  
3 UNITS  
Description: This course presents an overview of knowledge and skills related to providing appropriate curriculum and environments for young children from birth to age 6. Students will examine a teacher’s role in supporting development and engagement for all young children. This course provides strategies for developmentally-appropriate practice based on observation and assessments across the curriculum, including: academic content areas; play, art, and creativity; and development of social-emotional, communication, and cognitive skills. 54 hours lecture.

33988  
Last day to add: 02/23/18  
WE  02/12/18  06/07/18  06:00PM  09:10PM  T  IT 209  
The above section is a web-enhanced class. Internet access is required.  
Instructor: L Vazquez

**EAR-26  Health, Safety and Nutrition**  
3 UNITS  
A study of health, safety and nutrition factors of importance to the teacher, child and family of the young child.  
PREREQUISITE: None.  
33990  
Last day to add: 02/23/18  
LEC  02/12/18  06/07/18  10:30AM  01:40PM  M  IT 209  
Instructor: M Adams

**EAR-28  Principles and Practices of Teaching Young Children**  
3 UNITS  
Description: An examination of the underlying theoretical principles of developmentally appropriate practices applied to programs, environments, emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all young children. Includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics, and professional identity. 54 hours lecture.

33991  
Last day to add: 02/23/18  
WE  02/12/18  06/07/18  02:00PM  05:10PM  T  IT 209  
The above section is a web-enhanced class. Internet access is required.  
Instructor: S Burnett

**EAR-30  Practicum in Early Childhood Education**  
4 UNITS  
Prerequisite: EAR-20 and EAR-24 and EAR-28 and EAR-42. Description: In this course the student will practice and demonstrate developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children. Lab hours will be completed under the direction of a qualified Master Teacher (Child Development Permit Matrix, California Commission on Teacher Credentialing) with 3 units of supervised field experience in ECE setting. 36 hours lecture and 108 hours laboratory.

33992  
Last day to add: 02/23/18  
WE  02/12/18  06/07/18  02:00PM  04:55PM  TH  IT 209  
WEL  02/12/18  06/07/18  08:30AM  12:40PM  MW  TBE 1  
The above section is a web-enhanced class that has lab hours that will be completed at Temple Beth El, Child Development Center, 2675 Central Avenue, Riverside, 951-682-7282. This class also has a required face to face class on Thursday afternoon at Norco College in IT 209. Pursuant to California Law SB792 all students enrolled in this class must have proof of immunization against measles, pertussis (TDap), and tuberculosis (TB), by the first day of the semester. Immunizations and TB tests can be obtained at the Norco College Health Services office, or through your personal health provider. The first day of the practicum for both sections begins at Temple Beth El. Monday/Wednesday students will meet with the instructor at Temple Beth El on the first Monday of the semester; Tuesday/Thursday students will meet on the first Tuesday of the semester. Entrance into the Center will not be allowed without a copy of the completed Child Development Course Clearance Checklist, AND students will automatically be dropped from the class. Copies of the clearance form can be located at http://www.norcocollage.edu/services/health/Documents/SB792%20mmm%20Checklist%20Noro%20College%20r3.pdf. Take this blank form with your evidence of immunization to the Norco Health Center for clearance and bring a copy for Dr. Burnett on the first day of the practicum.  
Instructor: S Burnett
**EAR-30  Practicum in Early Childhood Education  4 UNITS**

Prerequisite: EAR-20 and EAR-24 and EAR-28 and EAR-42

Description: In this course the student will practice and demonstrate developmentally appropriate early childhood program planning and teaching competencies under the supervision of ECE/CD faculty and other qualified early education professionals. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children. Lab hours will be completed under the direction of a qualified Master Teacher (Child Development Permit Matrix, California Commission on Teacher Credentialing) with 3 units of supervised field experience in ECE setting. 36 hours lecture and 108 hours laboratory.

33993  Last day to add: 02/23/18

WE
02/12/18 06/07/18 02:00PM 04:05PM TH IT 209

WEL
02/12/18 06/07/18 08:30AM 12:40PM TTH TBEC 1

The above section is a web-enhanced class that has lab hours that will be completed at Temple Beth El, Child Development Center, 2675 Central Avenue, Riverside, 951-682-7282. This class also has a required face to face class on Thursday afternoon at Norco College in IT 209. Pursuant to California Law SB792 all students enrolled in this class must have proof of immunization against measles, pertussis (Tdap), and tuberculosis (TB), by the first day of the semester. Immunizations and TB tests can be obtained at the Norco College Health Services office, or through your personal health provider. The first day of the practicum for both sections begins at Temple Beth El. Monday/Wednesday students will meet with the instructor at Temple Beth El on the first Monday of the semester; Tuesday/Thursday students will meet on the first Tuesday of the semester. Entrance into the Center will not be allowed without a copy of the completed Child Development Course Clearance Checklist, AND students will automatically be dropped from the class. Copies of the clearance form can be located at http://www.norcocollge.edu/services/health/Documents/SB792%20Immunization%20Checklist%20Norco%20College_r3.pdf. Take this blank form with your evidence of immunization to the Norco Health Center for clearance and bring a copy for Dr. Burnett on the first day of the practicum.

Instructor: S Burnett

**EAR-42  Child, Family, and Community  3 UNITS**

Description: An examination of the developing child in a societal context focusing on child, family, and the community with an emphasis on historical and socio-cultural factors. 

PREREQUISITE: None.

33995  Last day to add: 02/23/18

LEC
02/12/18 06/07/18 09:30AM 12:40PM T IT 209

Instructor: M Adams

**EAR-45  Administration II: Personnel and Leadership in Early Childhood Education  3 UNITS**

Prerequisite: EAR-20 and EAR-24 and EAR-28 and EAR-42

Description: Effective strategies for personnel management and leadership in early care and education settings. Includes legal and ethical responsibilities, supervision techniques, professional development, and reflective practices for a diverse and inclusive early care and education program. 54 hours lecture.

34629  Last day to add: 02/23/18

OL
02/12/18 06/07/18 ON LINE

The above section is an online class. Computer with Internet access required. See www.opencampus.com.

Instructor: T Oliver

**EAR-46  Curriculum and Strategies for Children with Special Needs  3 UNITS**

Advisory: EAR-40 Description: Covers curriculum and intervention strategies for working with children with special needs in partnership with their families. Focuses on the use of observation and assessment in meeting the individualized needs of children in inclusive and natural environments. Includes the role of the teacher as a professional working with families, collaboration with interdisciplinary teams, and cultural competence. 54 hours lecture.

33996  Last day to add: 02/23/18

LEC
02/12/18 06/07/18 10:30AM 01:40PM W IT 209

Instructor: M Adams

**EAR-47  Childhood Stress and Trauma  3 UNITS**

Description: This course is a comprehensive overview of concepts, theories, and issues related to childhood stress and trauma. Emphasis is on the short- and long-term effects that stress and trauma has on the physical, cognitive, language, social, and emotional stages of a child’s development. Students will be introduced to child behavior patterns and potential responses to stress and trauma. Students will examine research and innovative methods that support the child’s coping skills and healing process. This course is designed to develop an understanding of how children react and adapt to stress and trauma and what parents and early childhood practitioners can do to assist children. Outside observations required. 54 hours lecture.

34518  Last day to add: 02/26/18

LEC
02/15/18 05/31/18 06:00PM 09:20PM TH IT 209

The above section is a short term class. Please note the start and end dates.

Instructor: M Adams
ECONOMICS

ECO-4 Intro Economics 3 UNITS
An entry-level, general education course which introduces and surveys basic macroeconomic and microeconomic principles.
PREREQUISITE: None.
Instructor: C Rajakone
LEC 02/12/18 06/07/18 10:30AM 11:55AM MW IT 109
Last day to add: 02/23/18

ECO-7 Principles of Macroeconomics 3 UNITS
Prerequisite: MAT-52 Advisory: MAT-35 and qualification for ENG-1A Description: Economic theory and analysis as applied to the U.S. economy as a whole. Emphasizes aggregative economics dealing with the macroeconomic concepts of national income and expenditure, aggregate supply and demand, fiscal policy, monetary policy, and economic stabilization and growth. Students may not receive credit for both ECO-7 and ECO-7H. 54 hours lecture.
Instructor: P Boelman
LEC 02/12/18 06/07/18 06:00PM 07:10PM W IT 109
Last day to add: 02/23/18

ECO-7H Honors Principles of Macroeconomics 3 UNITS
Prerequisite: MAT-52 Advisory: MAT-35 and Qualification for ENG-1A Limitation on enrollment: Enrollment in the Honors Program Description: Economic theory and analysis as applied to the U.S. economy as a whole. Emphasizes the enhanced exploration of aggregative economics dealing with the macroeconomic concepts of national income and expenditure, aggregate supply and demand, fiscal policy, monetary policy, and economic stabilization and growth. This honors course offers an enriched experience for accelerated students through limited class size, seminar format, focus on primary texts, and application of higher order critical thinking skills. Students may not receive credit for both ECO-7 and ECO-7H. 54 hours lecture.
Instructor: P Boelman
LEC 02/12/18 06/07/18 11:15AM 12:40PM TTH IT 117
Last day to add: 02/23/18

ECO-8 Principles of Microeconomics 3 UNITS
Prerequisite: MAT-52 Advisory: MAT-35 and qualification for ENG-1A Description: Economic theory and analysis as applied to consumer and producer behavior in markets. Emphasizes the allocation of resources and the distribution of income through the price mechanism, and deals with the microeconomic concepts of equilibrium in product and factor markets, perfect and imperfect competition, government intervention in the private sector, and international trade and finance. 54 hours lecture.
Instructor: P Boelman
LEC 02/12/18 06/07/18 02:30PM 03:55PM MW HUM 103
Last day to add: 02/23/18

ELECTRONICS

ELE-10 Survey Electronics 4 UNITS
Description: Basic electronic theory including electron theory, Ohm's Law, DC, AC, vacuum tube and solid state devices, antenna principles, power supplies, amplifiers, RE oscillators, amplitude and frequency modulation, diode detection and superheterodyne receivers, and test equipment operation (emphasis on voltmeter and oscilloscope operation). 54 hours lecture and 54 hours laboratory.
Instructor: S Chng
LEC 02/12/18 06/07/18 06:00PM 07:25PM TTH STEM 302
Last day to add: 02/23/18
LAB 02/12/18 06/07/18 07:30PM 09:00PM TTH STEM 302

ELE-11  DC Electronics  4 UNITS
Basic DC electrical theory, devices, circuits and applications including resistors, capacitors, coils and motors.
PREREQUISITE: None.
34006  Last day to add: 02/19/18
WE  02/13/18  04/06/18  10:00AM  12:35PM  TTHF  ATEC 119
WEL  02/13/18  04/06/18  02:00PM  03:25PM  TTH  ATEC 119
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: G Graham

ELE-25  Digital Techniques  4 UNITS
Prerequisite: ELE-10 Corequisite: ELE-23 Description: Mathematics, number systems and logic circuits as they relate to modern electronic computers and digital systems. Boolean algebra, circuit simplifications and mapping are included. Basic gate and digital circuits (MSI-LSI) will be analyzed and integrated into complete systems. Digital counters, registers, encoders/decoders, converters and timing. 54 hours lecture and 54 hours laboratory.
34007  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  06:00PM  07:25PM  MW  STEM 302
LAB  02/12/18  06/07/18  07:30PM  09:00PM  MW  STEM 302
Instructor: G Graham

ELE-27  Technical Communications  3 UNITS
Description: Procedures for organizing and presenting technical data through informal and formal documents and presentations. Includes practice in writing memoranda, letter reports, and formal technical reports. Also includes discussion of personal resume and preparation of job applications. 54 hours lecture.
34008  Last day to add: 02/23/18
WE  02/12/18  06/07/18  08:00AM  09:25AM  TTH  IT 124
The above section is a web-enhanced class. Internet access is required.
Instructor: G Balteria

ELE-28  MultiSim CAD and PCB Design/Fab  3 UNITS
Description: This course covers MultiSim schematic capture, simulation, export to Ultiboard and UltiRoute. Basic Computer Aided Design (CAD)-Drafting, block diagrams, printed circuit board design-layout. The use of Computer Aided Design tools and electronics-library component-templates will be emphasized. PCB design and fabrication with through-hole and SMT/SMD devices. 36 hours lecture and 54 hours laboratory.
34566  Last day to add: 02/26/18
LEC  02/15/18  05/31/18  04:20PM  06:30PM  TH  IT 124
LAB  02/15/18  05/31/18  06:40PM  10:00PM  TH  IT 124
The above section is a short term class. Please note the start and end dates.
Instructor: G Graham

ELE-64  Programmable Logic Controllers  3 UNITS
Advisory: ELE-10 or ELE-21 Description: Fundamentals of programmable logic controllers, with an emphasis on introductory programming of PLCs. Problem analysis with solutions that integrate programming formats, auxiliary commands and functions, common programming languages, and popular software programs used with PLCs. Installation, maintenance, troubleshooting and repair are inherent components. 36 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)
34029  Last day to add: 02/18/18
LEC  02/12/18  04/06/18  09:35AM  10:55AM  MWF  IT 124
LAB  02/12/18  04/06/18  11:05AM  01:15PM  MWF  IT 124
The above section is a short term class. Please note the start and end dates.
Instructor: P Van Hulle

ELE-71  Residential Electrical Wiring  4 UNITS
The foundations of electrical wiring for residential dwellings.
PREREQUISITE: None.
34030  Last day to add: 02/23/18
WE  02/12/18  06/07/18  06:00PM  07:25PM  TH  ATEC 119
WEL  02/12/18  06/07/18  07:30PM  09:00PM  TH  ATEC 119
The above section is a web-enhanced class. Internet access is required.
Instructor: C Keissieh

ELE-73  Electric Motors and Transformers  4 UNITS
Prepares students to work on a wide range of industrial motors and transformers.(Same as MAN-73)
PREREQUISITE: None.
34569  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  06:00PM  07:25PM  MW  IT 124
LAB  02/12/18  06/07/18  07:30PM  09:00PM  MW  IT 124
Instructor: K Rad

ELE-74  Industrial Wiring and Controls  4 UNITS
Description: Industrial controls and electrical wiring of modern facilities, manufacturing, or warehousing. Included will be production equipment, conveyor systems, hydraulic and pneumatic controls, power distribution, blueprint reading, electrical control wiring, PLC (programmable logic controller) control wiring, VFD (variable frequency drives) wiring and programming. 54 hours lecture and 54 hours laboratory. (Letter Grade or Pass/No Pass option)
34031  Last day to add: 04/20/18
WE  04/16/18  06/06/18  09:35AM  12:55PM  MW  IT 124
WEL  04/16/18  06/06/18  01:30PM  04:50PM  MW  IT 124
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: T Childers

ELE-76  Low Voltage Wiring/Alternate Energy  3 UNITS
Electrician training for institutional, educational and government needs, plus specialty areas not generally available from others.
PREREQUISITE: None.
34575  Last day to add: 03/07/18
WE  02/24/18  06/02/18  08:30AM  10:50AM  S  ATEC 119
WEL  02/24/18  06/02/18  11:30AM  03:05PM  S  ATEC 119
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: Staff

HYB - Hybrid Lecture  •  HYBL - Hybrid Lab  •  HYEOL - Hybrid Online Lab  •  HYBO - Hybrid Online Lecture  •  LAB - Lab  •  LEC - Lecture  •  OL - Online Lecture  •  OLL - Online Lab  •  WE - Web Enhanced Lecture  •  WEL - Web Enhanced Lab  •  WRX - Work Experience Lecture  •  WRKH - Hybrid Work Experience  •  WRKO - Work Experience Online
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- 31 -
ELE-77  Electrical Theory  3 UNITS
Description: This course introduces students to electrical theory, Ohm's Law, magnetism, voltage inductance, capacitance, units of electric measurement, and proper usage of electrical test equipment (meters). Student will learn concepts of electrical energy, Kirchoff's law, Norton's and Thevenin's theorems, algebraic and trigonometric requirements to solve electrical problems for both (A/C) alternating current and (D/C) direct current circuits. Student will learn basic electrical safety procedures, including the proper usage and requirement of (PPE) personal protection equipment. 54 hours lecture. (Letter Grade or Pass/No Pass option.)
34581  Last day to add: 03/20/18
LEC  03/19/18  04/25/18  10:15AM  03:25PM  MW  ATEC 119
The above section is a short term class. Please note the start and end dates.
Instructor: M Dowlatabadi

ELE-91  Fundamentals of Solar Energy  3 UNITS
Description: This course is for students interested in a career in the solar industry. The fundamental principles and functions of photovoltaic industry will be introduced along with the planning, installation and maintenance of all necessary components for a photovoltaic system. The transmission and distribution of electric power will be reviewed and basic concepts of electricity, identification, functions and operations of components will be surveyed. 54 hours lecture.
34577  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  06:00PM  09:10PM  T  IT 124
Instructor: G Graham

ELE-401  Introduction to Electrical Theory, Basic Math Concepts, and the National Electric Code  3.50 UNITS
Limitation on enrollment: Student must be a registered State indentured apprentice Description: Provides an introduction to algebraic and trigonometric concepts and application of their principles to solve basic electrical equations and layout conduit bends. Teaches the student to apply basic electrical theory to predict circuit behavior. Basic conduit bending techniques will be developed. The National Electrical Code will be introduced. 45 hours lecture and 54 hours laboratory.
34010  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  03:00PM  04:10PM  MW  JACT 1
LAB  02/12/18  06/07/18  04:20PM  05:45PM  MW  JACT 1
The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.
Instructor: Staff
ELE-403  AC Circuit Concepts, Applied Electronics, and National Electric Code Applications  3.50 UNITS
Limitation on enrollment: Student must be a registered State indentured apprentice. Description: Electrician AC theory including an exploration of inductance and capacitance and the effect of their combined reactants on AC circuits along with the application of electronic components and components. 45 hours lecture and 54 hours laboratory.

34012  
LEC 02/12/18 06/07/18 06:00PM 07:10PM TTH JACT 4
LAB 02/12/18 06/07/18 07:20PM 08:45PM TTH JACT 4

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

Instructor: Staff

ELE-405  Electrician Blueprint Reading with Code Applications for National Electrical Code (NEC)  3.50 UNITS
Limitation on enrollment: Student must be a registered State indentured apprentice. Description: Electrician studies of blueprints and specifications. Application of the National Electric Code will cover current protection, panelboards, and lighting systems. 45 hours lecture and 54 hours laboratory.

34613  
LEC 02/12/18 06/07/18 06:00PM 07:10PM TTH JACT 4
LAB 02/12/18 06/07/18 07:20PM 08:45PM TTH JACT 4

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

Instructor: Staff

ELE-405  Electrician Blueprint Reading with Code Applications for National Electrical Code (NEC)  3.50 UNITS
Limitation on enrollment: Student must be a registered State indentured apprentice. Description: Electrician studies of blueprints and specifications. Application of the National Electric Code will cover current protection, panelboards, and lighting systems. 45 hours lecture and 54 hours laboratory.

34615  
LEC 02/12/18 06/07/18 06:00PM 07:10PM TTH JACT 3
LAB 02/12/18 06/07/18 07:20PM 08:45PM TTH JACT 3

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

Instructor: Staff

ELE-407  Motor Control Principles, Generators and Power Supplies, with National Electric Code (NEC)  3.50 UNITS
Limitation on enrollment: Student must be a registered State indentured apprentice. Description: Techniques for controlling AC and DC motors; students examine conventional and cutting-edge technologies for power generation. 45 hours lecture and 54 hours laboratory.

34016  
LEC 02/12/18 06/07/18 06:00PM 07:10PM TTH JACT 2
LAB 02/12/18 06/07/18 07:20PM 08:45PM TTH JACT 2

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

Instructor: Staff

ELE-407  Motor Control Principles, Generators and Power Supplies, with National Electric Code (NEC)  3.50 UNITS
Limitation on enrollment: Student must be a registered State indentured apprentice. Description: Techniques for controlling AC and DC motors; students examine conventional and cutting-edge technologies for power generation. 45 hours lecture and 54 hours laboratory.

34017  
LEC 02/12/18 06/07/18 06:00PM 07:10PM MW JACT 6
LAB 02/12/18 06/07/18 07:20PM 08:45PM MW JACT 6

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

Instructor: Staff
ELE-409  Electrician Specialty Systems  3.50 UNITS
Limitation on enrollment: Student must be a registered State indentured apprentice
Description: Examines specialty electrical systems commonly found in building construction. Includes fire alarm systems, closed-circuit television (CCTV) systems, telephone systems, cable television (CATV and MATV) systems, local area networks (LANs), fiber optic data systems, heating and air conditioning control systems, and lightning protection systems. 45 hours lecture and 54 hours laboratory.

34024  Last day to add: 02/23/18
LEC 02/12/18 06/07/18 03:00PM 04:10PM MW JACT 7
LAB 02/12/18 06/07/18 04:20PM 05:45PM MW JACT 7

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

Instructor: Staff

ELE-409  Electrician Specialty Systems  3.50 UNITS
Limitation on enrollment: Student must be a registered State indentured apprentice
Description: Examines specialty electrical systems commonly found in building construction. Includes fire alarm systems, closed-circuit television (CCTV) systems, telephone systems, cable television (CATV and MATV) systems, local area networks (LANs), fiber optic data systems, heating and air conditioning control systems, and lightning protection systems. 45 hours lecture and 54 hours laboratory.

34026  Last day to add: 02/23/18
LEC 02/12/18 06/07/18 03:00PM 04:10PM MW JACT 5
LAB 02/12/18 06/07/18 04:20PM 05:45PM MW JACT 5

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

Instructor: Staff

ELE-409  Electrician Specialty Systems  3.50 UNITS
Limitation on enrollment: Student must be a registered State indentured apprentice
Description: Examines specialty electrical systems commonly found in building construction. Includes fire alarm systems, closed-circuit television (CCTV) systems, telephone systems, cable television (CATV and MATV) systems, local area networks (LANs), fiber optic data systems, heating and air conditioning control systems, and lightning protection systems. 45 hours lecture and 54 hours laboratory.

34022  Last day to add: 02/23/18
LEC 02/12/18 06/07/18 03:00PM 04:10PM TTH JACT 5
LAB 02/12/18 06/07/18 04:20PM 05:45PM TTH JACT 5

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

Instructor: Staff

ELE-409  Electrician Specialty Systems  3.50 UNITS
Limitation on enrollment: Student must be a registered State indentured apprentice
Description: Examines specialty electrical systems commonly found in building construction. Includes fire alarm systems, closed-circuit television (CCTV) systems, telephone systems, cable television (CATV and MATV) systems, local area networks (LANs), fiber optic data systems, heating and air conditioning control systems, and lightning protection systems. 45 hours lecture and 54 hours laboratory.

34025  Last day to add: 02/23/18
LEC 02/12/18 06/07/18 06:00PM 07:10PM MW JACT 7
LAB 02/12/18 06/07/18 07:20PM 08:45PM MW JACT 7

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

Instructor: Staff

ELE-409  Electrician Specialty Systems  3.50 UNITS
Limitation on enrollment: Student must be a registered State indentured apprentice
Description: Examines specialty electrical systems commonly found in building construction. Includes fire alarm systems, closed-circuit television (CCTV) systems, telephone systems, cable television (CATV and MATV) systems, local area networks (LANs), fiber optic data systems, heating and air conditioning control systems, and lightning protection systems. 45 hours lecture and 54 hours laboratory.

34023  Last day to add: 02/23/18
LEC 02/12/18 06/07/18 06:00PM 07:10PM TTH JACT 5
LAB 02/12/18 06/07/18 07:20PM 08:45PM TTH JACT 5

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

Instructor: Staff

ELE-421  Electrical Theory and Practices DC  3.50 UNITS
Limitation on enrollment: Student must be a registered State indentured apprentice
Description: Study of floor and plot plans, basic blueprint reading and circuit drawing, theory of magnetism, DC and AC generators, motors and transformers, on-the-job safety, first aid, electrical code, telephony and data communications. 45 hours lecture and 54 hours laboratory.

34027  Last day to add: 02/23/18
LEC 02/12/18 06/07/18 06:00PM 07:10PM MW JACT 8
LAB 02/12/18 06/07/18 07:20PM 08:45PM MW JACT 8

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

Instructor: Staff
ELE-423  **Semiconductor Electronics**  3.50 UNITS

Limitation on enrollment: Student must be a registered State indentured apprentice Description: Study of solid-state electronic theory and components, diodes, transistors, SCR, triacs, diacs, IC amplifiers and op amps. 45 hours lecture and 54 hours laboratory.

34028  Last day to add: 02/23/18

LEC 02/12/18 06/07/18 03:00PM 04:10PM MW JACT 8
LAB 02/12/18 06/07/18 04:20PM 05:45PM MW JACT 8

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** Staff

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ELE-425  **Management/Alarms/Codes/Circuits**  3.50 UNITS

Limitation on enrollment: Student must be a registered State indentured apprentice Description: Introduction to management, installation of security and fire alarm systems, the National Electrical Code as it relates to alarm installation and circuits as applied to alarm systems. 45 hours lecture and 54 hours laboratory.

34616  Last day to add: 02/23/18

LEC 02/12/18 06/07/18 03:00PM 04:10PM TTH JACT 8
LAB 02/12/18 06/07/18 04:20PM 05:45PM TTH JACT 8

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** Staff

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ELE-499  **Electrician Apprenticeship Work Experience**  1 UNIT

Limitation on enrollment: Student must be a State indentured apprentice Description: This course provides students the opportunity to work in the electricians apprenticeship program for the purpose of developing specific skills to meet the goals and objectives of the electricians Joint Apprenticeship and Training Committee (J.A.T.C.). Students complete work experience hours at approved training sites. Students may take up to 16 units total across all work experience course offerings. This course may be taken up to four times when there are new or expanded learning objectives. Only one work experience course may be taken per semester. 60 hours of volunteer work experience (maximum of 240 hours) or 75 hours of paid work experience (maximum of 300 hours) are required for each enrolled unit.

34683  Last day to add: 02/23/18

LAB 02/12/18 06/07/18 09:00AM 09:50AM S JACT 1

The above course is part of a 5-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.

**Instructor:** J Rowe

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ENGINEERING

ENE-21  **Drafting**  3 UNITS

Fundamentals of mechanical drawing including lettering, instruments, projection, freehand drawing, and auxiliary views.  

PREREQUISITE: None.

34609  Last day to add: 02/23/18

WE 02/12/18 06/07/18 02:00PM 03:25PM M ATEC 109
WEL 02/12/18 06/07/18 03:30PM 04:55PM M ATEC 109
WEL2 02/12/18 06/07/18 02:00PM 05:10PM W ATEC 109

The above section is a web-enhanced class. Internet access is required.

**Instructor:** P Van Hulle

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ENE-22  **Engineering Drawing**  3 UNITS

Prerequisite: ENE-21 Advisory: ENE-30 Description: Drafting fundamentals briefly reviewed, geometric construction, orthographic projections, freehand sketching, sectioning, auxiliary views, shop processes, dimensions and tolerances, fasteners, working and pictorial drawings, and as time permits, piping and electrical drawings. 27 hours lecture and 90 hours laboratory. (Letter Grade, or Pass/No Pass option.)

34034  Last day to add: 02/23/18

WE 02/12/18 06/07/18 06:50PM 08:15PM W ATEC 109
WEL 02/12/18 06/07/18 06:50PM 10:00PM M ATEC 109
WEL2 02/12/18 06/07/18 08:20PM 09:45PM W ATEC 109

The above section is a web-enhanced class. Internet access is required.

**Instructor:** G Cordier

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HYB - Hybrid Lecture • HYBL - Hybrid Lab • HYBLO - Hybrid Online Lab • HYBO - Hybrid Online Lecture • LAB - Lab • LEC - Lecture • OL - Online Lecture • OLL - Online Lab

WE - Web Enhanced Lecture • WEL - Web Enhanced Lab • WRK - Work Experience Lecture • WRKH - Hybrid Work Experience • WRKO - Work Experience Online

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENE-27</td>
<td>Technical Communications</td>
<td>3</td>
<td>Procedures for organizing and presenting technical data through informal and formal documents and presentations. Includes practice in writing memoranda, letter reports, and formal technical reports. Also includes discussion of personal resume and preparation of job applications. 54 hours lecture.</td>
</tr>
<tr>
<td>ENE-28</td>
<td>Technical Design</td>
<td>3</td>
<td>Prerequisite: ENE-22 Advisory: ENE-42 and ENE-30 and ENE-52 Description: A study of industrial design and drafting procedures relating to the basic elements of mechanisms, including drawing of machine parts in various stages of manufacturing. Studies will include terminology, power transmission, bearings, fixtures, dies, ASME-Y-14.5 standards of drawing, geometric dimensioning and Tolerancing, and manufacturing processes. Related problems include design layouts, detail and assembly drawings. A portfolio of completed drawings is a project requirement for this course (drawings may be drawn using the Computer-aided Design system or the drawing board). 27 hours lecture and 90 hours laboratory. (Letter Grade, or Pass/No Pass option.)</td>
</tr>
<tr>
<td>ENE-30</td>
<td>Computer Aided Drafting (CAD)</td>
<td>3</td>
<td>Advisory: CIS-1A Description: A two-dimensional computer aided drafting class for drafters. Students will use an AUTOCAD computer drafting system to develop computer drawn drawings, which are typical to the various fields of drafting. 27 hours lecture and 90 hours laboratory.</td>
</tr>
<tr>
<td>ENE-35</td>
<td>Statics</td>
<td>3</td>
<td>Prerequisite: PHY-4A Description: A study of force and equilibrium problems; free body diagram techniques, friction problems, second moments and moments of interia, and their application to engineering. Algebraic, vector and classical, and graphical methods of calculation. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)</td>
</tr>
<tr>
<td>ENE-42</td>
<td>SolidWorks I</td>
<td>3</td>
<td>Advisory: PC computer experience recommended Description: This course is designed to introduce the student to three-dimensional parametric solid modeling with SolidWorks. Students will begin with basic parametric solid modeling techniques advancing into complex assemblies requiring animation. 27 hours lecture and 90 hours of laboratory.</td>
</tr>
<tr>
<td>ENE-42B</td>
<td>SolidWorks II</td>
<td>3</td>
<td>Prerequisite: ENE-42 or prior SolidWorks experience Description: An advanced course in using the three-dimensional parametric solid-modeler SolidWorks. This course is designed to further 3D parametric solid modeling software techniques learned in SolidWorks I. Students will delve deeper into topics that were introduced in the first SolidWorks course such as extruding, sweeping, lofting, shelling, assemblies, and animation. 27 hours lecture and 90 hours laboratory. (Letter Grade, or Pass/No Pass option.)</td>
</tr>
</tbody>
</table>

Instructor: G Balteria

Instructor: G Cordier

Instructor: J Sommerville

Instructor: P Van Hulle

Instructor: S Hall

Instructor: J Sommerville

Instructor: J Sommerville

Instructor: J Sommerville

Instructor: J Sommerville
ENGLISH COMPOSITION COURSES

ENGLISH 1B/1BH
- A grade of C or better in ENG-1A/1AH

ENGLISH 1A/1AH
- Qualifying preparation score based on the ACCUPLACER® test and academic background; or
- A grade of C or better in ENG-50 or ENG-80
- Approved alternative placement method (see Counseling for available options)

ENGLISH 50
- Qualifying preparation score based on the ACCUPLACER® test and academic background; or
- Successful completion of ENG-60B or ESL-55

ENGLISH 80
- There is no prerequisite; the course is open to all students.

ENGLISH 70
- There is no prerequisite; the course is open to all students. It is strongly recommended that students register in an appropriate composition course (ENG-70, 80, 50, or ENG-1A) during their first semester of enrollment. See “Moving through English” for more details.

ENG-1A English Composition 4 UNITS
Prerequisite: ENG-50 or ENG-80 or qualifying placement level
Description: Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)

Last day to add: 02/23/18
LEC 02/12/18 06/07/18 02:00PM 03:50PM W ATEC 119
LEC 02/23/18 06/07/18 04:00PM 05:50PM F ATEC 119
Instructor: D Mattson

ENGLISH 1B/1BH
- A grade of C or better in ENG-1A/1AH

ENGLISH 1A/1AH
- Qualifying preparation score based on the ACCUPLACER® test and academic background; or
- A grade of C or better in ENG-50 or ENG-80
- Approved alternative placement method (see Counseling for available options)

ENGLISH 50
- Qualifying preparation score based on the ACCUPLACER® test and academic background; or
- Successful completion of ENG-60B or ESL-55

ENGLISH 80
- There is no prerequisite; the course is open to all students.

ENGLISH 70
- There is no prerequisite; the course is open to all students. It is strongly recommended that students register in an appropriate composition course (ENG-70, 80, 50, or ENG-1A) during their first semester of enrollment. See “Moving through English” for more details.

ENG-1A English Composition 4 UNITS
Prerequisite: ENG-50 or ENG-80 or qualifying placement level
Description: Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)

Last day to add: 02/23/18
LEC 02/12/18 06/07/18 02:00PM 03:50PM W ATEC 119
LEC 02/23/18 06/07/18 04:00PM 05:50PM F ATEC 119
Instructor: D Mattson
ENG-1A  English Composition
Prerequisite: ENG-50 or ENG-80 or qualifying placement level
Description: Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)

Last day to add: 02/23/18
34074
WE 02/12/18 06/07/18 07:20AM 08:35AM MWF HUM 102
WEL 02/12/18 06/07/18 IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

Instructor: C Liang

HYB - Hybrid Lecture • HYBL - Hybrid Lab • HYBLO - Hybrid Online Lab • HYBO - Hybrid Online Lecture • LAB - Lab • LEC - Lecture • OL - Online Lecture • OLL - Online Lab
WE - Web Enhanced Lecture • WEL - Web Enhanced Lab • WRK - Work Experience Lecture • WRKH - Hybrid Work Experience • WRKO - Work Experience Online

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<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Prerequisite</th>
<th>Description</th>
<th>Last day to add</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-1A</td>
<td>English Composition</td>
<td>4</td>
<td>ENG-50 or ENG-80 or qualifying placement level</td>
<td>Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)</td>
<td>02/23/18</td>
<td>Available WL-LAB times.</td>
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<tr>
<td>ENG-1A</td>
<td>English Composition</td>
<td>4</td>
<td>ENG-50 or ENG-80 or qualifying placement level</td>
<td>Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)</td>
<td>02/23/18</td>
<td>Available WL-LAB times.</td>
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<tr>
<td>ENG-1A</td>
<td>English Composition</td>
<td>4</td>
<td>ENG-50 or ENG-80 or qualifying placement level</td>
<td>Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)</td>
<td>02/23/18</td>
<td>Available WL-LAB times.</td>
</tr>
</tbody>
</table>
ENG-1A  English Composition  4 UNITS
Prerequisite: ENG-50 or ENG-80 or qualifying placement level
Description: Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)

34055  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  10:30AM  12:35PM  TTH  IT 110
LAB  02/12/18  06/07/18  IT 121

The above section will have reading and writing assignments focusing on the Chicano experience and is designed for students in the Puente Program. Concurrent enrollment in GUI-48-34188 is required. See the instructor and a counselor before enrolling. This section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

Instructor: N Morford

ENG-1A  English Composition  4 UNITS
Prerequisite: ENG-50 or ENG-80 or qualifying placement level
Description: Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)

34072  Last day to add: 02/23/18
WE  02/12/18  06/07/18  10:30AM  12:35PM  TTH  ATEC 109
WEL  02/12/18  06/07/18  IT 121

The above section is a web-enhanced class and has reading and writing assignments centered on the African American experience and is intended for students in the Umoja program. The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

Instructor: A Moore

ENG-1A  English Composition  4 UNITS
Prerequisite: ENG-50 or ENG-80 or qualifying placement level
Description: Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)

34071  Last day to add: 02/23/18
WE  02/12/18  06/07/18  12:45PM  02:00PM  MWF  IT 123
WEL  02/12/18  06/07/18  IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

Instructor: D Mattson

ENG-1A  English Composition  4 UNITS
Prerequisite: ENG-50 or ENG-80 or qualifying placement level
Description: Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)

34561  Last day to add: 02/23/18
WE  02/12/18  06/07/18  12:45PM  02:50PM  MW  STEM 302
WEL  02/12/18  06/07/18  IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

Instructor: S Hanson

ENG-1A  English Composition  4 UNITS
Prerequisite: ENG-50 or ENG-80 or qualifying placement level
Description: Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)

34050  Last day to add: 02/23/18
WE  02/12/18  06/07/18  01:00PM  02:15PM  MWF  CACT 1
WEL  02/12/18  06/07/18  IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

Instructor: E Rossi

ENG-1A  English Composition  4 UNITS
Prerequisite: ENG-50 or ENG-80 or qualifying placement level
Description: Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)

34053  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  01:00PM  02:15PM  MWF  IT 208
LAB  02/12/18  06/07/18  IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

Instructor: S Tkach

HYB  - Hybrid Lecture  •  HYBL  - Hybrid Lab  •  HYBLO  - Hybrid Online Lab  •  HYBO  - Hybrid Online Lecture  •  LAB  - Lab  •  LEC  - Lecture  •  OL  - Online Lecture  •  OLL  - Online Lab  •  WE  - Web Enhanced Lecture  •  WEL  - Web Enhanced Lab  •  WRX  - Work Experience Lecture  •  WRXH  - Hybrid Work Experience  •  WRKO  - Work Experience Online

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ENG-1A  English Composition  4 UNITS
Prerequisite: ENG-50 or ENG-80 or qualifying placement level. Description: Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)
34051  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  02:00PM  04:05PM  TTH  LIBR 110
LAB  02/12/18  06/07/18  IT 121
The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.
Instructor: R Mansikka

ENG-1A  English Composition  4 UNITS
Prerequisite: ENG-50 or ENG-80 or qualifying placement level. Description: Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)
34056  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  02:00PM  04:05PM  TTH  HUM 102
LAB  02/12/18  06/07/18  IT 121
The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times. This section is taught with a thematic approach to the course: Internet and Modern Media. For additional information, please email Matthew Pelle at Matthew.Pelle@rccd.edu.
Instructor: M Pelle

ENG-1A  English Composition  4 UNITS
Prerequisite: ENG-50 or ENG-80 or qualifying placement level. Description: Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)
34064  Last day to add: 02/23/18
WE  02/12/18  06/07/18  02:00PM  04:05PM  TTH  CACT 1
WEL  02/12/18  06/07/18  IT 121
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.
Instructor: A Perez

ENG-1A  English Composition  4 UNITS
Prerequisite: ENG-50 or ENG-80 or qualifying placement level. Description: Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)
34069  Last day to add: 02/23/18
WE  02/12/18  06/07/18  02:00PM  04:05PM  TTH  IT 208
WEL  02/12/18  06/07/18  IT 121
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times. This section is taught with a thematic approach to the course: Language and Technology. For additional information, please email Jennifer Gianunzio at Jennifer.Gianunzio@rccd.edu.
Instructor: J Gianunzio

ENG-1A  English Composition  4 UNITS
Prerequisite: ENG-50 or ENG-80 or qualifying placement level. Description: Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)
34058  Last day to add: 02/23/18
WE  02/12/18  06/07/18  02:30PM  03:45PM  MWF  CACT 1
WEL  02/12/18  06/07/18  IT 121
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.
Instructor: E Rossi

ENG-1A  English Composition  4 UNITS
Prerequisite: ENG-50 or ENG-80 or qualifying placement level. Description: Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)
34070  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  02:30PM  03:45PM  MWF  IT 108
LAB  02/12/18  06/07/18  IT 121
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.
Instructor: S Tkach
ENG-1A  English Composition  4 UNITS
Prerequisite: ENG-50 or ENG-80or qualifying placement level Description:
Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)
34065  Last day to add: 02/23/18
LEC 02/12/18 06/07/18 03:00PM 05:05PM MW IT 206
LAB 02/12/18 06/07/18 IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.
Instructor: D Reade

ENG-1A  English Composition  4 UNITS
Prerequisite: ENG-50 or ENG-80or qualifying placement level Description:
Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)
34066  Last day to add: 02/23/18
LEC 02/12/18 06/07/18 03:00PM 05:05PM MW ST 108
WEL 02/12/18 06/07/18 IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.
Instructor: C Brownell

ENG-1A  English Composition  4 UNITS
Prerequisite: ENG-50 or ENG-80or qualifying placement level Description:
Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)
34075  Last day to add: 02/23/18
LEC 02/12/18 06/07/18 03:00PM 05:05PM MW IT 208
WEL 02/12/18 06/07/18 IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.
Instructor: J Watson

ENG-1A  English Composition  4 UNITS
Prerequisite: ENG-50 or ENG-80or qualifying placement level Description:
Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)
34621  Last day to add: 02/23/18
WE 02/12/18 06/07/18 03:00PM 05:05PM TH ERHS B211
WEL 02/12/18 06/07/18 05:15PM 06:05PM TH ERHS B211

The above section is restricted to Eleanor Roosevelt High School students only.
Instructor: R Hitch

ENG-1A  English Composition  4 UNITS
Prerequisite: ENG-50 or ENG-80or qualifying placement level Description:
Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)
340047  Last day to add: 02/23/18
WE 02/12/18 06/07/18 04:15PM 06:20PM MW JFK 118
WEL 02/12/18 06/07/18 IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.
Instructor: E Robles

ENG-1A  English Composition  4 UNITS
Prerequisite: ENG-50 or ENG-80or qualifying placement level Description:
Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)
34062  Last day to add: 02/23/18
WE 02/12/18 06/07/18 04:15PM 06:20PM MW LIBR 110
WEL 02/12/18 06/07/18 IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.
Instructor: R Hitch

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<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Prerequisite</th>
<th>Description</th>
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<td>ENG-1A</td>
<td>English Composition</td>
<td>4</td>
<td>ENG-50 or ENG-80 or qualifying placement level</td>
<td>Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. Classroom instruction integrates writing lab activities. Students may not receive credit for both ENG-1A and ENG-1AH. 72 hours lecture and 18 hours laboratory. (TBA option)</td>
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<td>43</td>
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</tbody>
</table>
ENG-1AH  Honors English Composition  4 UNITS
Prerequisite: ENG-50 or ENG-80 or qualifying placement level. Limitation on enrollment: Enrollment in the Honors Program Description: Emphasizes and develops skills in critical reading and academic writing. Reading and writing assignments include exposition, argumentation, and academic research. Students will produce a minimum of 10,000 words of instructor-evaluated writing. This Honors course offers an enriched experience for accelerated students through limited class size; seminar format; focus on primary texts; and application of higher level critical thinking skills. Students may not receive credit for both ENG-1A and ENG-1AH. Classroom instruction integrates writing lab activities. 72 hours lecture and 18 hours laboratory. (TBA option)  
LEC  
OL 02/12/18 06/07/18 10:30AM 12:35PM TTH HUM 102  
LAB 02/12/18 06/07/18 IT 121  
The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.  
Instructor: D Reade  

ENG-1B  Critical Thinking and Writing  4 UNITS
Prerequisite: ENG-1A or ENG-1AH Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)  
LEC  
OL 02/12/18 04/08/18 ON LINE  
OLL 02/12/18 04/08/18 ON LINE  
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.  
Instructor: D Samson  

ENG-1B  Critical Thinking and Writing  4 UNITS
Prerequisite: ENG-1A or ENG-1AH Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)  
LEC  
OL 04/16/18 06/07/18 ON LINE  
OLL 04/16/18 06/07/18 ON LINE  
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. All hours, including the 18-hour laboratory requirement, are completed online. Please note the start and end dates.  
Instructor: D Samson  

ENG-1B  Critical Thinking and Writing  4 UNITS
Prerequisite: ENG-1A or ENG-1AH Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)  
LEC  
OL 02/12/18 06/07/18 10:30AM 12:35PM TTH IT 111  
LAB 02/12/18 06/07/18 09:30AM 10:20AM W CRC CRCL609A  
The above class is part of Norco College’s Next Phase Partnership with the CRC in Norco, serving men pursuing a college education while incarcerated at the CRC in Norco.  
Instructor: L Nelson  

ENG-1B  Critical Thinking and Writing  4 UNITS
Prerequisite: ENG-1A or ENG-1AH Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)  
LEC  
OL 02/12/18 06/07/18 08:00AM 09:20AM M CRC CRCL609A  
OLL 02/12/18 06/07/18 10:30AM 11:50AM W CRC CRCL609A  
The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.  
Instructor: J Dobson  

ENG-1B  Critical Thinking and Writing  4 UNITS
Prerequisite: ENG-1A or ENG-1AH Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)  
LEC  
OL 02/12/18 06/07/18 10:30AM 12:35PM TTH IT 206  
LAB 02/12/18 06/07/18 IT 121  
The above section has reading and writing assignments centered on the African American experience and is intended for students in the Umoja program. The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.  
Instructor: L Nelson  

HYB - Hybrid Lecture  •  HYBL - Hybrid Lab  •  HYBLO - Hybrid Online Lab  •  HYBO - Hybrid Online Lecture  •  LAB - Lab  •  LEC - Lecture  •  OL - Online Lecture  •  OLL - Online Lab  •  WE - Web Enhanced Lecture  •  WEL - Web Enhanced Lab  •  WRX - Work Experience Lecture  •  WRXK - Hybrid Work Experience  •  WRXO - Work Experience Online  

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ENG-1B  Critical Thinking and Writing  4 UNITS
Prerequisite: ENG-1A or ENG-1AH Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)

34680  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  12:30PM  02:35PM  MW  CRC CRCUL3
LAB  02/12/18  06/07/18  02:40PM  03:45PM  W  CRC CRCUL3
The above class is part of Norco College’s Next Phase Partnership with the CRC in Norco, serving men pursuing a college education while incarcerated at the CRC in Norco.
Instructor: J Dobson

ENG-1B  Critical Thinking and Writing  4 UNITS
Prerequisite: ENG-1A or ENG-1AH Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)

34095  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  12:45PM  02:50PM  MW  IT 111
LAB  02/12/18  06/07/18  IT 121
The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.
Instructor: N Capps

ENG-1B  Critical Thinking and Writing  4 UNITS
Prerequisite: ENG-1A or ENG-1AH Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)

34083  Last day to add: 02/23/18
WE  02/12/18  06/07/18  02:00PM  04:05PM  MW  LIBR 110
WEL  02/12/18  06/07/18  IT 121
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.
Instructor: T Wallace

ENG-1B  Critical Thinking and Writing  4 UNITS
Prerequisite: ENG-1A or ENG-1AH Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)

34078  Last day to add: 02/23/18
WE  02/12/18  06/07/18  02:00PM  04:05PM  TH  IT 111
WEL  02/12/18  06/07/18  IT 121
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.
Instructor: R Marsh

ENG-1B  Critical Thinking and Writing  4 UNITS
Prerequisite: ENG-1A or ENG-1AH Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)

34082  Last day to add: 02/23/18
WE  02/12/18  06/07/18  02:00PM  04:05PM  TH  STEM 302
WEL  02/12/18  06/07/18  IT 121
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.
Instructor: L Ludvigsen

ENG-1B  Critical Thinking and Writing  4 UNITS
Prerequisite: ENG-1A or ENG-1AH Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)

34081  Last day to add: 02/23/18
WE  02/12/18  06/07/18  02:15PM  04:20PM  MW  WEQ W4
WEL  02/12/18  06/07/18  IT 121
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.
Instructor: Staff
ENG-1B  Critical Thinking and Writing  4 UNITS
Prerequisite: ENG-1A or ENG-1AH Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)
34089  Last day to add: 02/23/18
WE  02/12/18  06/07/18  02:30PM  03:45PM  MWF  IT 122
WEL  02/12/18  06/07/18  02:30PM  03:45PM  MWF  IT 121
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times. This section is taught with a thematic approach to the course: Questioning the “Real” in Reality For additional information, please email Jessie Bonafede at Jessie.Bonafede@rccd.edu.
Instructor: J Bonafede

ENG-1B  Critical Thinking and Writing  4 UNITS
Prerequisite: ENG-1A or ENG-1AH Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)
34096  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  03:00PM  05:05PM  MW  IT 110
LAB  02/12/18  06/07/18  03:00PM  05:05PM  MW  IT 121
The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.
Instructor: L Hernandez

ENG-1B  Critical Thinking and Writing  4 UNITS
Prerequisite: ENG-1A or ENG-1AH Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)
34620  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  03:00PM  05:05PM  TTH  ERHS 8203
LAB  02/12/18  06/07/18  05:15PM  06:05PM  T  ERHS 8203
The above section is restricted to Eleanor Roosevelt High School students only.
Instructor: D Mills
ENG-1B  Critical Thinking and Writing  4 UNITS
Prerequisite: ENG-1A or ENG-1AH Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)

Instructor: L Ludvigsen

ENG-1B  Critical Thinking and Writing  4 UNITS
Prerequisite: ENG-1A or ENG-1AH Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)

Instructor: E Wagner

ENG-1B  Critical Thinking and Writing  4 UNITS
Prerequisite: ENG-1A or ENG-1AH Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)

Instructor: R Marsh

ENG-1B  Critical Thinking and Writing  4 UNITS
Prerequisite: ENG-1A or ENG-1AH Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)

Instructor: J Lovell

ENG-1B  Critical Thinking and Writing  4 UNITS
Prerequisite: ENG-1A or ENG-1AH Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)

Instructor: L Hernandez

ENG-1B  Critical Thinking and Writing  4 UNITS
Prerequisite: ENG-1A or ENG-1AH Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)

Instructor: Staff

In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

Instructor: L Ludvigsen

Instructor: E Wagner

Instructor: R Marsh

Instructor: J Lovell

Instructor: L Hernandez

Instructor: Staff
ENG-1B  Critical Thinking and Writing  4 UNITS  
Prerequisite: ENG-1A or ENG-1AH  
Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)  
34087  Last day to add: 02/23/18  
LEC 02/12/18 06/07/18 06:30PM 08:35PM TTH IT 110  
WEL 02/12/18 06/07/18 IT 121  
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times. This section is taught with a thematic approach to the course: Gothic For additional information, please email Josephine Lovell at Josephine.Lovell@rccd.edu.  
Instructor: J Lovell

ENG-1B  Critical Thinking and Writing  4 UNITS  
Prerequisite: ENG-1A or ENG-1AH  
Description: Building on the rhetorical skills learned in ENG 1A, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. Student may not receive credit for both ENG-1B and 1BH. 72 hours lecture and 18 hours laboratory. (TBA option)  
34093  Last day to add: 02/23/18  
LEC 02/12/18 06/07/18 06:30PM 08:35PM TTH JFK 104  
LAB 02/12/18 06/07/18 IT 121  
The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.  
Instructor: E Wagner

ENG-1BH  Honors Critical Thinking and Writing  4 UNITS  
Prerequisite: ENG-1A or ENG-1AH  
Limitation on enrollment: Enrollment in the Honors Program Description: Building on the rhetorical skills learned in ENG 1A or 1AH, students will analyze, interpret, and synthesize diverse texts in order to construct well-supported academic arguments and literary analyses. Composition totaling a minimum of 10,000 words serves to correlate writing and reading activities. Classroom activities integrate with writing lab activities. This honors course offers an enriched experience for accelerated students through limited class size, seminar format, focus on primary texts, and application of higher level critical thinking skills. Students may not receive credit for both ENG-1B and ENG-1BH. 72 hours lecture and 18 hours laboratory. (TBA option)  
34097  Last day to add: 02/23/18  
LEC 02/12/18 06/07/18 10:30AM 12:35PM TTH IT 208  
LAB 02/12/18 06/07/18 IT 121  
The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.  
Instructor: D Mills

ENG-15  American Literature II: 1860 to the Present  3 UNITS  
Prerequisite: ENG-50 or ENG-80 or eligibility for ENG-1A  
Advisory: ENG-1B or ENG-1BH  
Description: A survey of American literature from 1860 to the present, including a comprehensive exposure to the prose, poetry, fiction, and drama of this era as well as a basic understanding of the cultural, intellectual, and artistic trends it embodies. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)  
34564  Last day to add: 02/23/18  
LEC 02/12/18 06/07/18 02:00PM 03:25PM TTH IT 108  
Instructor: D Reade

ENG-16  Introduction to Linguistics  3 UNITS  
Advisory: Qualification for English 1A  
Description: A survey of language structure, theory and development, including a study of phonetics, phonology, morphology, semantics and syntax, language variation and change, language acquisition, and the psychological and social issues involved in language learning. 54 hours lecture. (Letter Grade, or Pass/No Pass Option.)  
34567  Last day to add: 02/23/18  
HYB 02/12/18 06/07/18 10:30AM 12:35PM M IT 210  
HYBO 02/12/18 06/07/18 ON LINE  
The above section is a hybrid class. Computer with Internet access required.  
Instructor: D Dumer

ENG-23  The Bible As Literature  3 UNITS  
Advisory: ENG-1B or ENG-1BH and REA-83  
Description: A survey of the Hebrew Bible and New Testament with emphasis on literary form, styles, and themes. 54 hours lecture. (Letter Grade, or Pass/No Pass Option.)  
34565  Last day to add: 02/23/18  
LEC 02/12/18 06/07/18 11:15AM 12:40PM TTH IT 108  
Instructor: M Bobo

ENG-30  Children's Literature  3 UNITS  
Prerequisite: ENG-50 or ENG-80 or eligibility for ENG-1A  
Description: A general survey of children's literature from early times, with emphasis on contemporary works, including fantasy/science fiction, realistic, multicultural, and historical fiction. Both oral and written assignments are required. 54 hours lecture. (Letter Grade, or Pass/No pass option)  
34558  Last day to add: 02/23/18  
LEC 02/12/18 06/07/18 12:45PM 02:10PM MW ST 108  
Instructor: D Reade

Get important textbook information, including ISBN numbers and pricing, and reserve for in-store pickup or delivery to your home!  
www.norcocollegebookstore.com
ENG-50  Basic English Composition  4 UNITS
Prerequisite: ENG-70 or ENG-60B or ESL-55 Advisory: REA-82 or qualifying placement level Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)
34112  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  08:15AM  10:20AM  MW  IT 206
LAB  02/12/18  06/07/18  IT 121
Enrollment in the above course requires participation in Norco College’s First Year Experience Program. Contact (951) 372-7151 to enroll in the First Year Experience Program. The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.
Instructor: D Mills

ENG-50  Basic English Composition  4 UNITS
Prerequisite: ENG-70 or ENG-60B or ESL-55 Advisory: REA-82 or qualifying placement level Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)
34682  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  08:15AM  10:20AM  MW  CRC CRCUL3
LAB  02/12/18  06/07/18  10:30AM  11:35AM  W  CRC CRCUL3
The above class is part of Norco College’s Next Phase Partnership with the CRC in Norco, serving men pursuing a college education while incarcerated at the CRC in Norco.
Instructor: J Dobson

ENG-50  Basic English Composition  4 UNITS
Prerequisite: ENG-70 or ENG-60B or ESL-55 Advisory: REA-82 or qualifying placement level Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)
34102  Last day to add: 02/23/18
WE  02/12/18  06/07/18  08:15AM  10:20AM  THH  IT 206
WEL  02/12/18  06/07/18  IT 121
The above section is a web-enhanced class and has reading and writing assignments centered on the African American experience and is intended for students in the Umoja program and requires concurrent enrollment in GIU-47 34183. The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.
Instructor: A Moore

ENG-50  Basic English Composition  4 UNITS
Prerequisite: ENG-70 or ENG-60B or ESL-55 Advisory: REA-82 or qualifying placement level Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)
34109  Last day to add: 02/23/18
HYB  02/12/18  06/07/18  08:15AM  10:20AM  T  CACT 1
HYBO  02/12/18  06/07/18  ON LINE
HYBLO  02/12/18  06/07/18  ON LINE
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com.
Instructor: C Miter

ENG-50  Basic English Composition  4 UNITS
Prerequisite: ENG-70 or ENG-60B or ESL-55 Advisory: REA-82 or qualifying placement level Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)
34107  Last day to add: 02/23/18
HYB  02/12/18  06/07/18  08:15AM  10:25AM  TH  CACT 1
HYBO  02/12/18  06/07/18  ON LINE
HYBLO  02/12/18  06/07/18  ON LINE
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com.
Instructor: C Miter

ENG-50  Basic English Composition  4 UNITS
Prerequisite: ENG-70 or ENG-60B or ESL-55 Advisory: REA-82 or qualifying placement level Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)
34118  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  10:30AM  12:35PM  MW  IT 206
LAB  02/12/18  06/07/18  IT 121
The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.
Instructor: K Anderson
ENG-50  **Basic English Composition**  4 UNITS  
Prerequisite: ENG-70 or ENG-60B or ESL-55 Advisory: REA-82 or qualifying placement level  
Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)  
34104  Last day to add: 02/23/18  
LEC  02/12/18  06/07/18  10:30AM-12:35PM  TTH  IT 123  
LAB  02/12/18  06/07/18  IT 121  
The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.  
**Instructor:** A. Elizalde  

ENG-50  **Basic English Composition**  4 UNITS  
Prerequisite: ENG-70 or ENG-60B or ESL-55 Advisory: REA-82 or qualifying placement level  
Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)  
34110  Last day to add: 02/23/18  
HYB  02/12/18  06/07/18  10:30AM-12:35PM  T  CACT 1  
HYBO  02/12/18  06/07/18  ON LINE  
HYBLO  02/12/18  06/07/18  ON LINE  
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com.  
**Instructor:** C. Miter  

ENG-50  **Basic English Composition**  4 UNITS  
Prerequisite: ENG-70 or ENG-60B or ESL-55 Advisory: REA-82 or qualifying placement level  
Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)  
34099  Last day to add: 02/23/18  
HYB  02/12/18  06/07/18  10:30AM-12:35PM  W  IT 210  
HYBO  02/12/18  06/07/18  ON LINE  
HYBLO  02/12/18  06/07/18  ON LINE  
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com.  
**Instructor:** C. Miter  

ENG-50  **Basic English Composition**  4 UNITS  
Prerequisite: ENG-70 or ENG-60B or ESL-55 Advisory: REA-82 or qualifying placement level  
Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)  
34111  Last day to add: 02/23/18  
HYB  02/12/18  06/07/18  10:30AM-12:35PM  TH  CACT 1  
HYBO  02/12/18  06/07/18  ON LINE  
HYBLO  02/12/18  06/07/18  ON LINE  
The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online. Computer with Internet access required. See www.opencampus.com.  
**Instructor:** C. Miter  

ENG-50  **Basic English Composition**  4 UNITS  
Prerequisite: ENG-70 or ENG-60B or ESL-55 Advisory: REA-82 or qualifying placement level  
Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)  
34681  Last day to add: 02/23/18  
LEC  02/12/18  06/07/18  12:30PM-03:05PM  M  CRC CRCL609A  
LEC2  02/12/18  06/07/18  12:30PM-01:50PM  W  CRC CRCL609A  
LAB  02/12/18  06/07/18  02:00PM-03:05PM  W  CRC CRCL609A  
The above class is part of Norco College's Next Phase Partnership with the CRC in Norco, serving men pursuing a college education while incarcerated at the CRC in Norco.  
**Instructor:** L. Nelson  

ENG-50  **Basic English Composition**  4 UNITS  
Prerequisite: ENG-70 or ENG-60B or ESL-55 Advisory: REA-82 or qualifying placement level  
Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)  
34105  Last day to add: 02/23/18  
LEC  02/12/18  06/07/18  02:00PM-04:05PM  TTH  IT 110  
LAB  02/12/18  06/07/18  IT 121  
The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.  
**Instructor:** A. Elizalde
ENG-50  Basic English Composition  
Prerequisite: ENG-70 or ENG-60B or ESL-55 Advisory: REA-82 or qualifying placement level  
Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)

34100  Last day to add: 02/23/18  
WE  02/12/18  06/07/18  04:15PM  06:20PM  TTH  JFK 220  
WEL  02/12/18  06/07/18  IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

Instructor: S Jethani

ENG-50  Basic English Composition  
Prerequisite: ENG-70 or ENG-60B or ESL-55 Advisory: REA-82 or qualifying placement level  
Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)

34108  Last day to add: 02/23/18  
LEC  02/12/18  06/07/18  04:15PM  06:20PM  TTH  IT 110  
LAB  02/12/18  06/07/18  IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

Instructor: A Elizalde

ENG-50  Basic English Composition  
Prerequisite: ENG-70 or ENG-60B or ESL-55 Advisory: REA-82 or qualifying placement level  
Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)

34114  Last day to add: 02/23/18  
WE  02/12/18  06/07/18  04:15PM  06:25PM  TTH  IT 208  
WEL  02/12/18  06/07/18  IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

Instructor: J Hill

ENG-50  Basic English Composition  
Prerequisite: ENG-70 or ENG-60B or ESL-55 Advisory: REA-82 or qualifying placement level  
Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)

34106  Last day to add: 02/23/18  
LEC  02/12/18  06/07/18  06:30PM  08:35PM  MW  JFK 222  
LAB  02/12/18  06/07/18  IT 121

The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

Instructor: T Okamoto

ENG-50  Basic English Composition  
Prerequisite: ENG-70 or ENG-60B or ESL-55 Advisory: REA-82 or qualifying placement level  
Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)

34101  Last day to add: 02/23/18  
LEC  02/12/18  06/07/18  06:30PM  08:35PM  TTH  JFK 220  
WEL  02/12/18  06/07/18  IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

Instructor: S Jethani

ENG-50  Basic English Composition  
Prerequisite: ENG-70 or ENG-60B or ESL-55 Advisory: REA-82 or qualifying placement level  
Description: Emphasizes and develops skills in critical reading and academic writing as preparation for college-level composition. Students will produce a minimum of 5,000 words of instructor-evaluated writing. Classroom instruction integrates lab activities. 72 hours lecture and 18 hours laboratory. (Letter Grade only.)

34103  Last day to add: 02/23/18  
WE  02/12/18  06/07/18  06:30PM  08:35PM  TTH  JFK 118  
WEL  02/12/18  06/07/18  IT 121

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.

Instructor: R Mansikka
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Prerequisite</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-50</td>
<td>Basic English Composition</td>
<td>4</td>
<td>None</td>
<td>Develops skills in grammar, usage, composition, and the writing process.</td>
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<td>The above section has an 18-hour laboratory requirement to be arranged.</td>
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<td>Time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.</td>
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<td></td>
<td>Instructor: J Gianunzio</td>
</tr>
<tr>
<td>ENG-70</td>
<td>Composition Fundamentals</td>
<td>4</td>
<td>None</td>
<td>Develops skills in grammar, usage, composition, and the writing process.</td>
</tr>
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<td>The above section has a web-enhanced class and has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.</td>
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<td>Instructor: J Hill</td>
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<td>Instructor: A Moore</td>
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<td>Instructor: D Mills</td>
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</tr>
</tbody>
</table>
ENG-80  Preparatory Composition  6 UNITS
Description: Accelerated preparation for English Composition (ENG 1A), this course offers intensive instruction in the academic reading, reasoning, and writing expected in transfer and associate-degree courses. Students will read college-level texts and write a minimum of 10,000 words. Classroom instruction is supplemented by writing lab activities. 108 hours lecture and 18 hours laboratory. (TBA option) (Non-degree credit course.)
Instructor: N Morford

ENG-80  Preparatory Composition  6 UNITS
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Instructor: A Elizalde

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Instructor: T Comstock

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Instructor: T Comstock
ENGLISH AS A SECOND LANGUAGE

ESL ONE-STOP DATES
(NEW ESL STUDENTS MUST TAKE PTESL TEST)
We offer “ESL One-Stop” sessions. You can take the ESL placement test and attend a college orientation on the same date. An ESL One-Stop session takes about 3 ½ hours.
To schedule an appointment:
1. Go to www.norcocollege.edu
2. Click on Students
3. Under Enrollment Services, click on Assessment
4. Click on Make An Appointment
5. Scroll to bottom of the page and click on Make An Appointment to access the online appointment system.
Complete testing schedules are available at: www.norcocollege.edu/services/assessment/Pages/MakeAnAppointment.aspx

Please check the calendar and then use the online appointment system to choose your appointment. If you need to speak with someone directly, please call the Norco College Assessment Center at (951) 372-7176.

ESL-51 Basic Writing and Grammar 4 UNITS
Description: Emphasizes elementary competency in standard written English with a focus on basic writing and grammar skills. Instruction will also include vocabulary and reading skills necessary for success in basic English as a Second Language courses. 72 hours lecture and 18 hours laboratory. (Non-degree credit course. Pass/No Pass only.)
34140 Last day to add: 02/23/18
LEC 02/12/18 06/07/18 06:30PM 08:35PM TTH IT 211
LAB 02/12/18 06/07/18 08:45PM 09:35PM TH IT 211
Designated laboratory hours are included in the meeting times for this class.
Instructor: D Tougas

ESL-52 Low-intermediate Writing and Grammar 4 UNITS
Prerequisite: ESL-51 or Qualifying placement level on a state-approved placement instrument Description: Develops competency in standard written English with a continued focus on basic writing and grammar skills. Instruction includes vocabulary and reading skills necessary for success in low-intermediate English as a Second Language courses. 72 hours lecture and 18 hours laboratory. (Non-degree credit course. Pass/No Pass only.)
34141 Last day to add: 02/23/18
LEC 02/12/18 06/07/18 06:30PM 08:35PM MW HUM 102
LAB 02/12/18 06/07/18 08:45PM 09:35PM W HUM 102
Designated laboratory hours are included in the meeting times for this class.
Instructor: L Tougas

ESL-53 Intermediate Writing and Grammar 4 UNITS
Prerequisite: Qualifying placement level on a state-approved placement instrument or ESL-52 Description: Increases competency in standard written English with a focus on intermediate and writing grammar skills. Instruction includes vocabulary and reading skills necessary for success in intermediate English as a Second Language courses. 72 hours lecture and 18 hours laboratory. (Non-degree credit course. Pass/No Pass only.)
34142 Last day to add: 02/23/18
LEC 02/12/18 06/07/18 10:40AM 12:45PM TTH IT 211
LAB 02/12/18 06/07/18 09:40AM 10:30AM T IT 211
Designated laboratory hours are included in the meeting times for this class.
Instructor: M Shirinian

ESL-54 High-intermediate Writing and Grammar 5 UNITS
Prerequisite: Qualifying placement level on a state-approved placement instrument or ESL-53 Description: Emphasizes competency in standard written English with a focus on high-intermediate grammar and writing skills. Instruction includes an intensive review of vocabulary and reading skills necessary for success in high-intermediate English as a Second Language courses. 90 hours lecture and 18 hours laboratory. (Degree credit course. Letter Grade, or Pass/No Pass Option.)
34143 Last day to add: 02/23/18
LEC 02/12/18 06/07/18 11:15AM 01:45PM MW IT 211
LAB 02/12/18 06/07/18 IT 121
The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.
Instructor: M Shirinian

ESL-55 Advanced Writing and Grammar 5 UNITS
Prerequisite: Qualifying placement level on a state-approved placement instrument or ESL-54 Description: Emphasizes competency in standard written English with a focus on developing paragraphs and essays in preparation for English composition classes. Instruction includes continued development of vocabulary, reading and academic skills necessary for success in college classes. 90 hours lecture and 18 hours laboratory. (Degree credit course. Letter Grade, or Pass/No Pass Option.)
34144 Last day to add: 02/23/18
LEC 02/12/18 06/07/18 07:50AM 10:20AM MW IT 211
LAB 02/12/18 06/07/18 IT 121
The above section has an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Writing Lab in IT 121 for 50-minutes each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See WebAdvisor for available WL-LAB times.
Instructor: M Shirinian

ESL-91 Oral Skills I: Beginning Oral Communication 3 UNITS
Advisory: Concurrent enrollment in ESL 51 or 52 Description: This course emphasizes beginning conversation, pronunciation, and idiomatic skills along with basic listening comprehension. Conversational and idiomatic skills focus on fluent and appropriate use of common words and functional expressions in life skills areas—shopping, food, clothing, money/banking, car/license, travel, medicine. Pronunciation focuses on the articulation of English vowels and consonants and on the development of basic English patterns of stress and intonation. Listening stresses understanding verbal instructions and questions, common vocabulary and daily functions in an aural context, main ideas and details in monologues and dialogues. 54 hours lecture and 18 hours laboratory. (Non-degree credit course. Pass/No Pass only.)
34582 Last day to add: 02/23/18
LEC 02/12/18 06/07/18 08:00AM 09:25AM TTH IT 211
LAB 02/12/18 06/07/18 09:35AM 10:25AM TH IT 211
Designated laboratory hours are included in the meeting times for this class.
Instructor: M Shirinian

HYB - Hybrid Lecture • HYBL - Hybrid Lab • HYBLO - Hybrid Online Lab • HYBO - Hybrid Online Lecture • LAB - Lab • LEC - Lecture • OL - Online Lecture • OLL - Online Lab • WE - Web Enhanced Lecture • WEL - Web Enhanced Lab • WRX - Work Experience Lecture • WRKH - Hybrid Work Experience • WRKO - Work Experience Online

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FRENCH

ENROLLMENT GUIDELINES
FRENCH

1. If you have taken French in high school or in another college or university, you must have official transcripts on file and request evaluation of the course(s) in order to enroll above level 1.
2. If you have acquired knowledge of French outside of a formal educational institution, you must file a matriculation appeals petition in order to enroll above level 1.

FRE-1  French 1  5 UNITS
Develops basic skills in understanding, reading, communicating and writing in French.
PREREQUISITE: None.
34146  Last day to add: 02/23/18
WE  02/12/18  06/07/18  11:45AM  01:50PM  M  LIBR 121
WE2  02/12/18  06/07/18  11:45AM  02:55PM  W  LIBR 109
WEL  02/12/18  06/07/18  02:00PM  02:50PM  M  LIBR 121
The above section is a web-enhanced class. Internet access is required
Instructor: D Hitchcock

FRE-2  French 2  5 UNITS
Prerequisite: FRE-1 Description: Further development of basic skills in listening, reading, speaking and writing. A continued emphasis on the acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of standard spoken and written French at the beginning level. This course includes an expanded discussion of French culture and daily life. 90 hours lecture and 18 hours laboratory. (TBA option)(Letter Grade, or Pass/No Pass option.)
34147  Last day to add: 02/23/18
WE  02/12/18  06/07/18  06:20PM  08:25PM  M  LIBR 121
WE2  02/12/18  06/07/18  06:20PM  09:25PM  W  LIBR 109
WEL  02/12/18  06/07/18  08:35PM  09:25PM  M  LIBR 121
The above section is a web-enhanced class. Internet access is required
Instructor: L Thach

GAME DEVELOPMENT

GAM-21  History of Video Games  3 UNITS
A comprehensive study of the evolution of video games throughout history including arcade games, console games, computer games and mobile applications.
PREREQUISITE: None.
34149  Last day to add: 02/23/18
WE  02/12/18  06/07/18  11:15AM  12:40PM  TH  IT 202
The above section is a web-enhanced class. Internet access is required.
Instructor: J Coverdale

GAM-21  History of Video Games  3 UNITS
A comprehensive study of the evolution of video games throughout history including arcade games, console games, computer games and mobile applications.
PREREQUISITE: None.
34149  Last day to add: 02/23/18
WE  02/12/18  06/07/18  11:15AM  12:40PM  TH  IT 202
The above section is a web-enhanced class. Internet access is required.
Instructor: J Coverdale

GAM-23  Digital Game Design  4 UNITS
Prerequisite: GAM-22 Description: An introduction to digital game design, including planning, designing and developing an original digital game. Topics include analyzing the target audience, pitching an original game concept, design documentation, the iterative process, and rapid digital prototyping. 54 hours lecture and 54 hours laboratory.
34150  Last day to add: 02/23/18
WE  02/12/18  06/07/18  06:50PM  08:15PM  MW  IT 125
WEL  02/12/18  06/07/18  08:25PM  09:50PM  MW  IT 125
The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class.
Instructor: M Chapman

GAM-32  Designing Game Characters  3 UNITS
Prerequisite: GAM-81 Description: This course provides continued study of the application of 3D modeling techniques within a computer animation environment. Students will learn the production work flow of Maya to ZBrush and complete game ready character models. The focus will be on character design principles, low poly modeling and the creation of both bipedal and quadruped characters. 54 hours lecture and 18 hours laboratory. (TBA option)
34601  Last day to add: 02/23/18
WE  02/12/18  06/07/18  11:30AM  01:35PM  T  IT 125
WE2  02/12/18  06/07/18  11:30AM  12:35PM  TH  IT 125
WEL  02/12/18  06/07/18  12:40PM  01:45PM  TH  IT 125
The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class.
Instructor: G Marquez

GAM-35  Intro Computer Game Dev  3 UNITS
An introduction to computer gaming. Students will explore the job market, career paths and business aspects of gaming professions.
PREREQUISITE: None.
34151  Last day to add: 02/23/18
OL  02/12/18  06/07/18  ON LINE
The above section is an online class. Computer with Internet access required.
Instructor: J Finley
<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Description</th>
<th>Last Day to Add</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>GAM-35 Intro Computer Game Dev</td>
<td>3</td>
<td>An introduction to computer gaming. Students will explore the job market, career paths and business aspects of gaming professions.</td>
<td>02/23/18</td>
<td>J Finley</td>
</tr>
<tr>
<td>GAM-35 Portfolio Production</td>
<td>2</td>
<td>Prerequisite: GAM-23 or GAM-32 or GAM-46 or GAM-48 or GAM-52 or MUC-6 or [ART-22, ART-39, CIS-59, CIS-66, CIS-78B, CIS-79 and CIS-81] or [CIS-68 and CIS-75] Description: Creative organization and presentation of a body of work exhibiting portfolio-quality aptitude. Covers all aspects of creation and presentation of a professional portfolio for students of multimedia majors such as 3D modeling, animation, game design, game programming, mobile applications development and graphic design. Students will edit existing work to emphasize individual strengths and areas of specialization. Compilation of a professional resume and mock interviews will be completed by each student. 18 hours lecture and 54 hours laboratory.</td>
<td>02/23/18</td>
<td>T Moore</td>
</tr>
<tr>
<td>GAM-50 Introduction to Game Programming</td>
<td>3</td>
<td>A first course in programming for games stressing fundamental programming principles. Computer programming logic is introduced with hands on game development projects using an industry standard game engine. No previous computer programming experience is required. (Same as CIS-50) PREREQUISITE: None.</td>
<td>02/23/18</td>
<td>J Finley</td>
</tr>
<tr>
<td>GAM-51 Game Mechanics and Simulation</td>
<td>3</td>
<td>Prerequisite: GAM-50 and MAT-35 Description: Introduction to practical applications of mathematics and physics techniques related to various areas of game programming. This course provides a specialized focus on core fundamentals in game engine programming and gameplay scripting. 54 hours lecture and 18 hours laboratory.</td>
<td>02/23/18</td>
<td>J Ruiz</td>
</tr>
<tr>
<td>GAM-53 Game Engine Scripting II</td>
<td>3</td>
<td>Prerequisite: CSC/GAM-52 Advisory: CIS/GAM-37 Description: Extended concepts in core programming as it pertains to game engine scripting. Advanced concepts in scripted languages are explored to allow for more complex simulations to further drive industry standard game engines. 54 hours lecture and 18 hours laboratory.</td>
<td>02/23/18</td>
<td>J Ruiz</td>
</tr>
<tr>
<td>GAM-70 Computer Skills for Game Art</td>
<td>2</td>
<td>Description: Introduction to fundamental computer concepts related to typical functions required of a game artist. Understanding computer navigation and peripherals used to input information which is unique to Game Design and Digital Media will be the focus. Standard file management, navigation, storage, and multiple backup techniques for files are taught as well as basic scanning techniques, appropriate use of internet resources, copyright issues and an introduction to graphic file formats. 18 hours lecture and 6 hours laboratory. (TBA option)</td>
<td>03/06/18</td>
<td>M Swanigan</td>
</tr>
<tr>
<td>GAM-72 Anatomy for Game Art</td>
<td>3</td>
<td>Prerequisite: GAM-80 Description: An intensive study of the human figure and animal anatomy in preparation for construction of 3D models for the Game Industry. Students draw using live clothed and nude models. 36 hours lecture and 54 hours laboratory.</td>
<td>03/07/18</td>
<td>T Dunipace</td>
</tr>
</tbody>
</table>
GAM-79B  Game Studio: Character Modeling     4 UNITS
Prerequisite: GAM-41 and GAM-82 Corequisite: GAM-33 Description: This is the culminating class in the area of character modeling for game art. Students work in interdisciplinary teams to develop and complete an original digital game. The classroom production environment utilizes game industry production practices and constructs including milestones and deliverables. Upon completion of the course students will have an original working digital game demo, that is feature and content complete and portfolio ready. 54 hours lecture and 54 hours laboratory. (TBA option)
34161  Last day to add: 03/06/18
WE 02/23/18 06/01/18 08:00AM 12:05PM  F  IT 125
WEL 02/23/18 06/01/18 12:30PM 04:35PM  F  IT 125

Instructor: J Finley

GAM-79C  Game Studio: Environments and Vehicles  4 UNITS
Prerequisite: GAM-46 Description: This is the culminating class in the area of developing environments and vehicles for games. Students work in interdisciplinary teams to develop and complete an original digital game. The classroom production environment utilizes game industry production practices and constructs including milestones and deliverables. Upon completion of the course students will have an original working digital game demo, that is feature and content complete and portfolio ready. 54 hours lecture and 54 hours laboratory. (TBA option)
34162  Last day to add: 03/06/18
WE 02/23/18 06/01/18 08:00AM 12:05PM  F  IT 125
WEL 02/23/18 06/01/18 12:30PM 04:35PM  F  IT 125

The above section is a short term web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class. Please note the start and end dates.

Instructor: J Finley

GAM-79D  Game Studio Production: Audio    4 UNITS
Prerequisite: MUC-6 Description: This is the culminating class in the area of game audio. Students work in interdisciplinary teams to develop and complete an original digital game. The classroom production environment utilizes game industry production practices and constructs including milestones and deliverables. Upon completion of the course students will have an original working digital game demo, that is feature and content complete and portfolio ready. 54 hours lecture and 54 hours laboratory.
34163  Last day to add: 03/06/18
WE 02/23/18 06/01/18 08:00AM 12:05PM  F  IT 125
WEL 02/23/18 06/01/18 12:30PM 04:35PM  F  IT 125

The above section is a short term web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class. Please note the start and end dates.

Instructor: J Finley

GAM-79E  Game Studio: Game Design Capstone  4 UNITS
Prerequisite: GAM-24 Description: This is the culminating class in the game design track of game development. Students work in interdisciplinary teams to develop and complete an original digital game. The classroom production environment utilizes game industry production practices and constructs including milestones and deliverables. Upon completion of the course students will have an original working digital game demo, that is feature and content complete and portfolio ready. 54 hours lecture and 54 hours laboratory. (TBA option)
34164  Last day to add: 03/06/18
WE 02/23/18 06/01/18 08:00AM 12:05PM  F  IT 125
WEL 02/23/18 06/01/18 12:30PM 04:35PM  F  IT 125

The above section is a short term web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class. Please note the start and end dates.

Instructor: J Finley

GAM-79F  Game Studio Production: Game Programming  4 UNITS
Prerequisite: GAM-52 Description: This is the culminating class in the game programming track. Students work in interdisciplinary teams to develop and complete an original digital game. The classroom production environment utilizes game industry production practices and constructs including milestones and deliverables. Upon completion of the course students will have an original working digital game demo, that is feature and content complete and portfolio ready. 54 hours lecture and 54 hours laboratory. (TBA option)
34165  Last day to add: 03/06/18
WE 02/23/18 06/01/18 08:00AM 12:05PM  F  IT 125
WEL 02/23/18 06/01/18 12:30PM 04:35PM  F  IT 125

The above section is a short term web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class. Please note the start and end dates.

Instructor: J Finley

GAM-80  Digital Drawing for Game Art  4 UNITS
Description: Introduction to digital drawing techniques using industry standard software. Topics include usage of digital drawing hardware, digital image manipulation, techniques for digitally painting custom textures, exploration of the elements of art as they apply to games, composition, and perspective, layout design, character design, and concept development. Includes development of observational, motor, and creative skills. Use of layers, layer styles, adjustment layers and blending modes. 54 hours lecture and 54 hours laboratory.
34166  Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:00AM 09:45AM  THH IT 125
WEL 02/12/18 06/07/18 09:55AM 11:20AM  THH IT 125

The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class.

Instructor: G. Marquez
GEOGRAPHY

GAM-80  Digital Drawing for Game Art  4 UNITS
Description: Introduction to digital drawing techniques using industry standard software. Topics include usage of digital drawing hardware, digital image manipulation, techniques for digitally painting custom textures, exploration of the elements of art as they apply to games, composition, and perspective, layout design, character design, and concept development. Includes development of observational, motor, and creative skills. Use of layers, layer styles, adjustment layers and blending modes. 54 hours lecture and 54 hours laboratory. (TBA option)

GEG-1  Physical Geography  3 UNITS
Description: The interacting physical processes of air, water, land, and life that impact Earth’s surface. Topics include weather and climate, the water cycle, landforms and plate tectonics, and the characteristics of plant and animal life. Emphasis is on interrelationships among systems and processes and their resulting patterns and distributions. There is a heavy emphasis on maps as descriptive and analytical tools. Students may not receive credit for both GEG-1 and GEG-1H. 54 hours lecture.

GEG-1L  Physical Geography Laboratory  1 UNIT
Corequisite: GEG-1DE or GEG-1H Description: Practical application of scientific principles through geographically based in-class exercises using a variety of tools, such as maps, photos, and data in various forms. 54 hours laboratory.

GEG-1L  Physical Geography Laboratory  1 UNIT
Corequisite: GEG-1DE or GEG-1H Description: Practical application of scientific principles through geographically based in-class exercises using a variety of tools, such as maps, photos, and data in various forms. 54 hours laboratory.

GEG-1L  Physical Geography Laboratory  1 UNIT
Corequisite: GEG-1DE or GEG-1H Description: Practical application of scientific principles through geographically based in-class exercises using a variety of tools, such as maps, photos, and data in various forms. 54 hours laboratory.

GEG-1L  Physical Geography Laboratory  1 UNIT
Corequisite: GEG-1DE or GEG-1H Description: Practical application of scientific principles through geographically based in-class exercises using a variety of tools, such as maps, photos, and data in various forms. 54 hours laboratory.

R Christov

S Justice

R Bourbeau

E Ogbuchiekwe

R Peprah

S Justice

R Christov

S Justice

S Justice
GEG-1L  Physical Geography Laboratory  1 UNIT
Corequisite: GEG-1DE or GEG-1H
Description: Practical application of scientific principles through geographically based in-class exercises using a variety of tools, such as maps, photos, and data in various forms. 54 hours laboratory.
34178  Last day to add: 02/26/18
LAB 02/15/18 05/31/18 06:00PM 09:20PM TH ATEC 205
The above section is a short term class. Please note the start and end dates.
Instructor: E Ogbuchiekw

GEG-2  Human Geography  3 UNITS
The geographic analysis of the human imprint on the planet. Topics include population, food, language, religion, economic activity, physical environment and political geography.
PREREQUISITE: None.
34179  Last day to add: 02/23/18
LEC 02/12/18 06/07/18 02:30PM 03:55PM MW ATEC 205
Instructor: S Justice

GEG-3  World Regional Geog  3 UNITS
A study of major world regions, emphasizing current characteristics and issues including cultural, economic, political, and environmental conditions.
PREREQUISITE: None.
34180  Last day to add: 02/23/18
LEC 02/12/18 06/07/18 04:15PM 05:40PM MW ATEC 205
Instructor: R Christov

GEG-5  Weather and Climate  3 UNITS
The nature and causes of common meteorological phenomena, severe weather occurrences, and climatic patterns. (Same as PHS-5)
PREREQUISITE: None.
34181  Last day to add: 02/23/18
LEC 02/12/18 06/07/18 02:30PM 03:55PM THH ATEC 205
Instructor: E Ogbuchiekw

GUI-45  Introduction to College  1 UNIT
Description: Guidance 45 is designed to introduce academic and occupational programs, college resources and personal factors that contribute to success as a college student. This course includes an extensive exploration of Riverside Community College District resources and policies, orientation to college life, student rights and responsibilities, as well as certificates, graduation and transfer requirements. Students will prepare a Student Educational Plan (S.E.P.). Outcomes of higher education will be discussed through the exploration and application of sociological and psychological principles that lead to success in college and in accomplishing goals. As a result of class activities and exploration of factors influencing educational decisions, class members will be able to utilize the information obtained in class to contribute to their college success. 18 hours lecture. (Pass/No Pass only.)
34622  Last day to add: 02/23/18
LEC 02/12/18 06/07/18 07:30AM 08:20AM W ERHS B208
The above section is restricted to Eleanor Roosevelt High School students only.
Instructor: L Martin

GUI-46  Intro Transfer Process  1 UNIT
Survey of transfer requirements with hands-on activities through the application process for students transferring to four-year institutions.
PREREQUISITE: None.
34182  Last day to add: 02/17/18
HYB 02/13/18 04/03/18 08:15AM 09:25AM T ATEC 119
HYBLO 02/13/18 04/03/18 ON LINE
The above section is a short term hybrid class. Computer with Internet access required.
See www.opencampus.com. Please note the start and end date. Please note the start and end dates.
Instructor: M Ilicupidedz

GUI-47  Career Exploration and Life Planning  3 UNITS
Description: In depth career and life planning: topics include extensive exploration of one's values, interests and abilities; life problem-solving and self-management skills; adult development theory and the changes that occur over the life span; self-assessment including identifying one's skills and matching personality with work. An intensive career investigation; decision making, goal setting and job search strategies, as well as resume writing and interviewing skills will also be addressed. This course is designed to assist those students considering the transition of a career change or undecided about the selection of a college major. 54 hours lecture.
34187  Last day to add: 02/23/18
OL 02/12/18 06/07/18 ON LINE
The above section is an online class. Computer with Internet access required.
Instructor: L Dominguez
GUI-47  **Career Exploration and Life Planning**  **3 UNITS**
Description: In depth career and life planning: topics include extensive exploration of one's values, interests and abilities; life problem-solving and self-management skills; adult development theory and the changes that occur over the life span; self-assessment including identifying one's skills and matching personality with work. An intensive career investigation; decision making; goal setting and job search strategies, as well as resume writing and interviewing skills will also be addressed. This course is designed to assist those students considering the transition of a career change or undecided about the selection of a college major. 54 hours lecture.

34186  **Last day to add:** 02/23/18
**WE** 02/12/18 06/07/18 08:00AM 09:25AM **TTH** IT 106
The above section is a web-enhanced class. Internet access is required.
**Instructor:** J Midgett

GUI-47  **Career Exploration and Life Planning**  **3 UNITS**
Description: In depth career and life planning: topics include extensive exploration of one's values, interests and abilities; life problem-solving and self-management skills; adult development theory and the changes that occur over the life span; self-assessment including identifying one's skills and matching personality with work. An intensive career investigation; decision making; goal setting and job search strategies, as well as resume writing and interviewing skills will also be addressed. This course is designed to assist those students considering the transition of a career change or undecided about the selection of a college major. 54 hours lecture.

34189  **Last day to add:** 02/23/18
**HYB** 02/12/18 06/07/18 08:05AM 09:30AM **TH** ATEC 119
**HYBO** 02/12/18 06/07/18  **ON LINE**
The above section is a hybrid class. Computer with internet access required.
**See www.opencampus.com.**
**Instructor:** L Martin

GUI-47  **Career Exploration and Life Planning**  **3 UNITS**
Description: In depth career and life planning: topics include extensive exploration of one's values, interests and abilities; life problem-solving and self-management skills; adult development theory and the changes that occur over the life span; self-assessment including identifying one's skills and matching personality with work. An intensive career investigation; decision making; goal setting and job search strategies, as well as resume writing and interviewing skills will also be addressed. This course is designed to assist those students considering the transition of a career change or undecided about the selection of a college major. 54 hours lecture.

34183  **Last day to add:** 02/23/18
**WE** 02/12/18 06/07/18 08:45AM 10:10AM **MW** STEM 302
The above section is a web-enhanced class. Internet access is required. The above section is designed with special emphasis on African American culture and requires concurrent enrollment in ENG-50-34102. See the Umoja (T3P) counselor prior to enrolling.
**Instructor:** R Smith

GUI-47  **Career Exploration and Life Planning**  **3 UNITS**
Description: In depth career and life planning: topics include extensive exploration of one's values, interests and abilities; life problem-solving and self-management skills; adult development theory and the changes that occur over the life span; self-assessment including identifying one's skills and matching personality with work. An intensive career investigation; decision making; goal setting and job search strategies, as well as resume writing and interviewing skills will also be addressed. This course is designed to assist those students considering the transition of a career change or undecided about the selection of a college major. 54 hours lecture.

34188  **Last day to add:** 02/23/18
**WE** 02/12/18 06/07/18 08:55AM 10:25AM **TTH** ATEC 109
The above section is a web-enhanced class. Internet access is required. The above section is designed for students in the Puente Program with special emphasis on Latino culture and requires concurrent enrollment in ENG-1A-34055. See the Puente counselor prior to enrolling.
**Instructor:** S Buenrostro

GUI-47  **Career Exploration and Life Planning**  **3 UNITS**
Description: In depth career and life planning: topics include extensive exploration of one's values, interests and abilities; life problem-solving and self-management skills; adult development theory and the changes that occur over the life span; self-assessment including identifying one's skills and matching personality with work. An intensive career investigation; decision making; goal setting and job search strategies, as well as resume writing and interviewing skills will also be addressed. This course is designed to assist those students considering the transition of a career change or undecided about the selection of a college major. 54 hours lecture.

34690  **Last day to add:** 02/23/18
**LEC** 02/12/18 06/07/18 09:00AM 10:25AM **TTH** CRC CRCUR15
This class is part of Norco College's Next Phase Partnership with the CRC in Norco, serving men pursuing a college education while incarcerated at the CRC in Norco.
**Instructor:** T Brackett

GUI-47  **Career Exploration and Life Planning**  **3 UNITS**
Description: In depth career and life planning: topics include extensive exploration of one's values, interests and abilities; life problem-solving and self-management skills; adult development theory and the changes that occur over the life span; self-assessment including identifying one's skills and matching personality with work. An intensive career investigation; decision making; goal setting and job search strategies, as well as resume writing and interviewing skills will also be addressed. This course is designed to assist those students considering the transition of a career change or undecided about the selection of a college major. 54 hours lecture.

34692  **Last day to add:** 02/23/18
**LEC** 02/12/18 06/07/18 11:00AM 12:25PM **MW** IT 106
Enrollment in this class requires participation in Norco College's First Year Experience Program
**Instructor:** Y Haro
GUI-47  Career Exploration and Life Planning  3 UNITS
Description: In depth career and life planning: topics include extensive exploration of one's values, interests and abilities; life problem-solving and self-management skills; adult development theory and the changes that occur over the life span; self-assessment including identifying one's skills and matching personality with work. An intensive career investigation; decision making, goal setting and job search strategies, as well as resume writing and interviewing skills will also be addressed. This course is designed to assist those students considering the transition of a career change or undecided about the selection of a college major. 54 hours lecture.

34686  Last day to add: 02/23/18
LEC 02/12/18 06/07/18 12:30PM 01:55PM TTH CRC CRC609B
This section is part of Norco College’s Next Phase Partnership with CRC in Norco, serving men pursuing a college education while incarcerated at the CRC in Norco.
Instructor: T Brackett

GUI-47  Career Exploration and Life Planning  3 UNITS
Description: In depth career and life planning: topics include extensive exploration of one's values, interests and abilities; life problem-solving and self-management skills; adult development theory and the changes that occur over the life span; self-assessment including identifying one's skills and matching personality with work. An intensive career investigation; decision making, goal setting and job search strategies, as well as resume writing and interviewing skills will also be addressed. This course is designed to assist those students considering the transition of a career change or undecided about the selection of a college major. 54 hours lecture.

34185  Last day to add: 02/23/18
WE 02/12/18 06/07/18 04:25PM 05:50PM MW ATEC 204
The above section is a web-enhanced class. Internet access is required.
Instructor: J Moore

GUI-47  Career Exploration and Life Planning  3 UNITS
Description: In depth career and life planning: topics include extensive exploration of one's values, interests and abilities; life problem-solving and self-management skills; adult development theory and the changes that occur over the life span; self-assessment including identifying one's skills and matching personality with work. An intensive career investigation; decision making, goal setting and job search strategies, as well as resume writing and interviewing skills will also be addressed. This course is designed to assist those students considering the transition of a career change or undecided about the selection of a college major. 54 hours lecture.

34184  Last day to add: 02/23/18
WE 02/12/18 06/07/18 06:30PM 09:50PM TH IT 111
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

GUI-48  College Success Strat  2 UNITS
Exploration of various learning strategies. Students will identify their own learning styles and utilize that information to succeed in college.
PREREQUISITE: None.

34191  Last day to add: 02/23/18
WE 02/12/18 06/07/18 05:15PM 06:20PM M IT 206
02/12/18 06/07/18 05:15PM 06:05PM W IT 206
The above section is a web-enhanced class. Internet access is required.
Instructor: A Palomo-Lemus
HES-1  Health Science  3 UNITS
A basic study of various aspects of health including anatomy and physiology of the body, concepts of prevention, practical advises for healthy life style, treatments and cure of major diseases. This course satisfies the California requirement in drug, alcohol, tobacco and nutrition education for teacher certification.
PREREQUISITE: None.
34199  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  10:30AM  11:55AM  MW  THTR 101
Instructor: T Wallstrom

HES-1  Health Science  3 UNITS
A basic study of various aspects of health including anatomy and physiology of the body, concepts of prevention, practical advises for healthy life style, treatments and cure of major diseases. This course satisfies the California requirement in drug, alcohol, tobacco and nutrition education for teacher certification.
PREREQUISITE: None.
34200  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  11:15AM  12:40PM  TTH  WEQ W7
Instructor: T Wallstrom

HES-1  Health Science  3 UNITS
A basic study of various aspects of health including anatomy and physiology of the body, concepts of prevention, practical advises for healthy life style, treatments and cure of major diseases. This course satisfies the California requirement in drug, alcohol, tobacco and nutrition education for teacher certification.
PREREQUISITE: None.
34192  Last day to add: 02/23/18
WE  02/12/18  06/07/18  02:30PM  03:55PM  MW  IT 101
The above section is a web-enhanced class. Internet access is required.
Instructor: S Witmer

HES-1  Health Science  3 UNITS
A basic study of various aspects of health including anatomy and physiology of the body, concepts of prevention, practical advises for healthy life style, treatments and cure of major diseases. This course satisfies the California requirement in drug, alcohol, tobacco and nutrition education for teacher certification.
PREREQUISITE: None.
34201  Last day to add: 02/23/18
WE  02/12/18  06/07/18  04:15PM  05:40PM  MW  THTR 101
The above section is a web-enhanced class. Internet access is required.
Instructor: M Donovan

HES-1  Health Science  3 UNITS
A basic study of various aspects of health including anatomy and physiology of the body, concepts of prevention, practical advises for healthy life style, treatments and cure of major diseases. This course satisfies the California requirement in drug, alcohol, tobacco and nutrition education for teacher certification.
PREREQUISITE: None.
34196  Last day to add: 02/23/18
WE  02/12/18  06/07/18  06:00PM  09:10PM  T  WEQ W6
The above section is a web-enhanced class. Internet access is required.
Instructor: V Genian

HES-1  Health Science  3 UNITS
A basic study of various aspects of health including anatomy and physiology of the body, concepts of prevention, practical advises for healthy life style, treatments and cure of major diseases. This course satisfies the California requirement in drug, alcohol, tobacco and nutrition education for teacher certification.
PREREQUISITE: None.
34197  Last day to add: 02/23/18
WE  02/12/18  06/07/18  06:00PM  09:10PM  W  WEQ W6
The above section is a web-enhanced class. Internet access is required.
Instructor: L Newson

HES-1  Health Science  3 UNITS
A basic study of various aspects of health including anatomy and physiology of the body, concepts of prevention, practical advises for healthy life style, treatments and cure of major diseases. This course satisfies the California requirement in drug, alcohol, tobacco and nutrition education for teacher certification.
PREREQUISITE: None.
34198  Last day to add: 02/26/18
LEC  02/15/18  05/31/18  06:00PM  09:20PM  TH  WEQ W6
The above section is a short term class. Please note the start and end dates.
Instructor: N Corselli

HISTORY

HIS-2  History of World Civilizations II  3 UNITS
Advisory: REA-83 and qualification for ENG-1A Description: A survey of the evolution of modern world civilizations from the 16th century emergence of new global political, economic, social, and intellectual patterns, through the era of industrialization and imperialism, to the world wars of the 20th century and the present. 54 hours lecture.
34202  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  11:15AM  12:40PM  THH  HUM 103
Instructor: S Kyriakos
HIS-6 Political and Social History of the United States 3 UNITS
Description: Political, social, and economic development of the United States from precolonial background and colonial foundations to 1877; the evolution of American thought and institutions; principles of national, state, and local government. Students may not receive credit for both HIS-6 and and HIS-6H.
54 hours lecture.
34206 Last day to add: 02/23/18
WE 02/12/18 06/07/18 07:10AM 08:35AM MW HUM 103
The above section is a web-enhanced class. Internet access is required.
Instructor: T Russell

HIS-6 Political and Social History of the United States 3 UNITS
Description: Political, social, and economic development of the United States from precolonial background and colonial foundations to 1877; the evolution of American thought and institutions; principles of national, state, and local government. Students may not receive credit for both HIS-6 and and HIS-6H.
54 hours lecture.
34207 Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:00AM 09:25AM TTH HUM 103
The above section is a web-enhanced class. Internet access is required.
Instructor: T Russell

HIS-6 Political and Social History of the United States 3 UNITS
Description: Political, social, and economic development of the United States from precolonial background and colonial foundations to 1877; the evolution of American thought and institutions; principles of national, state, and local government. Students may not receive credit for both HIS-6 and and HIS-6H.
54 hours lecture.
34211 Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:45AM 10:10AM MW HUM 103
The above section is a web-enhanced class. Internet access is required.
Instructor: T Russell

HIS-6 Political and Social History of the United States 3 UNITS
Description: Political, social, and economic development of the United States from precolonial background and colonial foundations to 1877; the evolution of American thought and institutions; principles of national, state, and local government. Students may not receive credit for both HIS-6 and and HIS-6H.
54 hours lecture.
34208 Last day to add: 03/06/18
WE 02/23/18 06/01/18 10:30AM 02:35PM F HUM 103
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: H Vion

HIS-6 Political and Social History of the United States 3 UNITS
Description: Political, social, and economic development of the United States from precolonial background and colonial foundations to 1877; the evolution of American thought and institutions; principles of national, state, and local government. Students may not receive credit for both HIS-6 and and HIS-6H.
54 hours lecture.
34209 Last day to add: 02/23/18
LEC 02/12/18 06/07/18 06:00PM 09:10PM M HUM 103
Instructor: M Hickerson
HIS-7  **Political and Social History of the United States**  3 UNITS
Description: Political, social and economic development of the United States from 1877 to the present; the evolution of American thought and institution; principles of national, state, and local government. Students may not receive credit for both HIS-7 and HIS-7H. 54 hours lecture.

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<tr>
<th>Section</th>
<th>Instructor</th>
<th>Credits</th>
<th>Last day to add</th>
<th>Schedule</th>
<th>Location</th>
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<td>LEC 02/12/18 06/07/18 02:00PM 03:25PM</td>
<td>HUM 103</td>
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</tbody>
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The above section is a web-enhanced class. Internet access is required.

Instructor: S Kyriakos

The above section is a short term web-enhanced class. Internet access is required.

Instructor: D Reina

The above section is a short term web-enhanced class. Internet access is required.

Instructor: H Vion

The above section is a short term web-enhanced class. Internet access is required.

Instructor: H Vion

The above section is an online class. Computer with Internet access required.

Instructor: D Reina

The above section is an online class. Computer with Internet access required.

Instructor: S Kyriakos

The above section is an online class. Computer with Internet access required.

Instructor: C Day
HIS-14 African American History I 3 UNITS
Advisory: REA-83 and qualification for ENG-1A Description: A selected study of the complex continent from which African Americans came with special emphasis on the historical, political and socio-cultural aspects of African civilizations in Ancient Egypt and the western Sudan; the transformation of the continent and of Africans through the transatlantic slave trade; and a study of the African American experience during their confinement as slaves in British North America and the early national and ante-bellum periods through the Civil War and Emancipation. 54 hours lecture.
34535 Last day to add: 02/23/18
WE 02/12/18 06/07/18 09:40AM 11:05AM T HUM 103
The above section is a web-enhanced class. Internet access is required.
Instructor: T Russell

HIS-25 History of Mexico 3 UNITS
Description: Mexico's social political, economic, and cultural evolution with a consideration of its place in world affairs. This introductory survey will stress the mosaic cultural influences from the pre-Columbian period to the present with an emphasis on the native cultures, wars and independence, the Mexican Revolution, and Mexico in the twentieth century. 54 hours lecture.
34536 Last day to add: 02/23/18
WE 02/12/18 06/07/18 06:00PM 09:10PM T HUM 103
The above section is a web-enhanced class. Internet access is required.
Instructor: D Reina

HUMANITIES

HUM-5 Arts and Ideas: Renaissance through the Modern Era 3 UNITS
Advisory: REA-83 and资格 for English 1A Description: An interdisciplinary study of the cultural movements in art, architecture, literature, music, philosophy, photography, cinema, media, and religion of Western civilization. The cultural achievements of the Renaissance, Enlightenment, Romantic, Modern and post-modern periods are studied to develop an understanding of their philosophical ideas, values, cultural meaning, artistic form, and contributions to contemporary thought. Students may not receive credit for both HUM-5 and HUM-SH. 54 hours lecture.
34229 Last day to add: 02/23/18
OL 02/12/18 06/07/18 04:15PM 05:40PM T TH IT 117
The above section is an online class. Computer with Internet access required.
Instructor: M Bobo

HUM-9 American Voices 3 UNITS
Advisory: REA-83 and qualification for ENG-1A Description: An interdisciplinary study of American voices across class, racial, ethnic, religious, and other boundaries. Close reading of American biographies and autobiographies of writers, artists, musicians, and other artists to analyze the evolving character of American identity. 54 hours lecture.
34612 Last day to add: 02/23/18
WE 02/12/18 06/07/18 10:30AM 11:55AM MW STEM 201
The above section is a web-enhanced class. Internet access is required.
Instructor: M Bobo

HUM-10 World Religions 3 UNITS
Advisory: REA-83 and qualification for English 1A Description: Thought and concepts of the major religious systems, including primal religions, extinct religions, Hinduism, Buddhism, Jainism, Sikhism, Confucianism, Taoism, Shintoism, Zoroastrianism, Judaism, Christianity, and Islam. Students may not receive credit for both HUM-10 and HUM-10H. 54 hours lecture.
34227 Last day to add: 02/23/18
OL 02/12/18 06/07/18 06:00PM 09:10PM T HUM 103
The above section is an online class. Computer with Internet access required.
Instructor: D Palmer

HUM-10 World Religions 3 UNITS
Advisory: REA-83 and qualification for English 1A Description: Thought and concepts of the major religious systems, including primal religions, extinct religions, Hinduism, Buddhism, Jainism, Sikhism, Confucianism, Taoism, Shintoism, Zoroastrianism, Judaism, Christianity, and Islam. Students may not receive credit for both HUM-10 and HUM-10H. 54 hours lecture.
34226 Last day to add: 02/23/18
WE 02/12/18 06/07/18 12:35PM 02:10PM MW WEQ W7
The above section is a web-enhanced class. Internet access is required.
Instructor: M Bobo

HUM-10 World Religions 3 UNITS
Advisory: REA-83 and qualification for English 1A Description: Thought and concepts of the major religious systems, including primal religions, extinct religions, Hinduism, Buddhism, Jainism, Sikhism, Confucianism, Taoism, Shintoism, Zoroastrianism, Judaism, Christianity, and Islam. Students may not receive credit for both HUM-10 and HUM-10H. 54 hours lecture.
34224 Last day to add: 02/23/18
WE 02/12/18 06/07/18 04:15PM 05:40PM T TH IT 117
The above section is a web-enhanced class. Internet access is required.
Instructor: M Bobo

HUM-10 World Religions 3 UNITS
Advisory: REA-83 and qualification for English 1A Description: Thought and concepts of the major religious systems, including primal religions, extinct religions, Hinduism, Buddhism, Jainism, Sikhism, Confucianism, Taoism, Shintoism, Zoroastrianism, Judaism, Christianity, and Islam. Students may not receive credit for both HUM-10 and HUM-10H. 54 hours lecture.
34223 Last day to add: 02/23/18
WE 02/12/18 06/07/18 06:00PM 09:10PM T ATEC 114
The above section is a web-enhanced class. Internet access is required.
Instructor: J Gill

HUM-18 Death: an Interdisciplinary Perspective 3 UNITS
Advisory: REA-83 and qualification for English 1A Description: An interdisciplinary study of death from historical, mythological, religious, philosophical, and biological perspectives. The evolving way in which world cultures have understood the problem of death is studied through works of literature, art, and philosophy. 54 hours lecture.
34607 Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:10AM 09:35AM T TH STEM 302
The above section is a web-enhanced class. Internet access is required.
Instructor: M Bobo
HUM-23  The Bible As Literature  3 UNITS
Advisory: ENG-1B or ENG-1BH and REA-83 Description: A survey of the Hebrew Bible and New Testament with emphasis on literary form, styles, and themes. 54 hours lecture. (Letter Grade, or Pass/No Pass Option.)
34608  Last day to add: 02/23/18
WE 02/12/18 06/07/18 11:15AM 12:40PM TTH IT 108
The above section is a web-enhanced class. Internet access is required.
Instructor: M Bobo

INTERDISCIPLINARY STUDIES

ILA-1  Introduction to Tutor Training  1 UNIT
Advisory: Qualification for ENG-1A Description: Introduction to tutoring, with an emphasis on tutoring strategies, learning styles, problem solving, and working with diverse student populations. Designed to prepare students to become peer tutors in a variety of subject areas. Tutors develop student-centered, non-intrusive tutoring skills to meet a wide variety of student needs. Topics include theory, practice and ethics of tutoring, interpersonal communications techniques, tutoring diverse student populations, and group tutorial methods and practical field work. 18 hours lecture. (Letter Grade, or Pass/No Pass option.)
34231  Last day to add: 03/06/18
LEC 02/23/18 06/01/18 02:00PM 05:00PM F LIBR 110
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: A Jimenez

JAPANESE

JPN-1  Japanese 1  5 UNITS
Description: This course concentrates on developing basic skills in listening, reading, speaking and writing. Emphasis is placed on acquisition of vocabulary, structures, and grammatical patterns necessary for comprehension of native spoken and written Japanese at the beginning level. This course includes a discussion of Japanese culture and daily life. 90 hours lecture and 18 hours laboratory. (TBA Option)(Letter Grade, or Pass/No Pass option.)
34232  Last day to add: 02/23/18
WE 02/12/18 06/07/18 03:00PM 06:10PM M LIBR 109
WE2 02/12/18 06/07/18 03:00PM 05:05PM W LIBR 121
WEL 02/12/18 06/07/18 05:15PM 06:05PM W LIBR 121
The above section is a web-enhanced class. Internet access is required
Instructor: A Dohr

JPN-2  Japanese 2  5 UNITS
Prerequisite: JPN-1 Description: Further development of basic skills in listening, reading, speaking, and writing. A continued emphasis on the acquisition of vocabulary, structures, and grammatical patterns necessary for comprehension of standard spoken and written Japanese at the beginning level. This course includes an expanded discussion of Japanese culture and daily life. 90 hours lecture and 18 hours laboratory. (TBA Option)(Letter Grade, or Pass/No Pass option.)
34233  Last day to add: 02/23/18
WE 02/12/18 06/07/18 02:00PM 05:10PM T LIBR 109
WE2 02/12/18 06/07/18 02:00PM 04:05PM T LIBR 121
WEL 02/12/18 06/07/18 04:15PM 05:05PM T LIBR 121
The above section is a web-enhanced class. Internet access is required
Instructor: C Dealba-Yount

KINESIOLOGY

KIN-4  Nutrition  3 UNITS
Description: The principles of modern nutrition and its application. The importance of a scientific knowledge of nutrition, specific food nutrients and nutritional controversies. A study of modern convenience foods and their impact on present day diets. 54 hours lecture.
34244  Last day to add: 02/23/18
LEC 02/12/18 06/07/18 08:00AM 09:25AM TTH WEQ W7
Instructor: T Wallstrom

KIN-4  Nutrition  3 UNITS
Description: The principles of modern nutrition and its application. The importance of a scientific knowledge of nutrition, specific food nutrients and nutritional controversies. A study of modern convenience foods and their impact on present day diets. 54 hours lecture.
34245  Last day to add: 02/23/18
LEC 02/12/18 06/07/18 09:40AM 11:05AM TTH WEQ W7
Instructor: T Wallstrom

KIN-4  Nutrition  3 UNITS
Description: The principles of modern nutrition and its application. The importance of a scientific knowledge of nutrition, specific food nutrients and nutritional controversies. A study of modern convenience foods and their impact on present day diets. 54 hours lecture.
34246  Last day to add: 02/23/18
WE 02/12/18 06/07/18 06:00PM 07:00PM MW WEQ W7
The above section is a web-enhanced class. Internet access is required.
Instructor: M Donovan

KIN-10  Introduction to Kinesiology  3 UNITS
The study of human movement, sub-disciplines in Kinesiology and career opportunities.
PREREQUISITE: None.
34235  Last day to add: 02/23/18
WE 02/12/18 06/07/18 12:45PM 02:10PM MW IT 101
The above section is a web-enhanced class. Internet access is required.
Instructor: S Witmer
KIN-10  Introduction to Kinesiology  3 UNITS
The study of human movement, sub-disciplines in Kinesiology and career opportunities.
PREREQUISITE: None.
34234  Last day to add: 02/26/18
LEC  02/15/18  05/31/18  06:00PM  09:20PM  TH  WEQ W3
The above section is a short term class. Please note the start and end dates.
Instructor: D Bednarczyk

KIN-16  Introduction to Athletic Training  3 UNITS
Analyzes and applies basic concepts of athletic training with emphasis on care and prevention of athletic injuries.
PREREQUISITE: None.
34236  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  04:15PM  06:45PM  T  WEQ W3
LAB  02/12/18  06/07/18  07:00PM  08:25PM  T  WEQ W3
Instructor: S Witmer

KIN-30  First Aid and CPR  3 UNITS
Earn "National Safety Council Advanced First Aid" and "American Heart Association Healthcare Professional" certificates. First Aid and CPR fees totaling $20.00 will be charged to the student and are not covered by BOGW. Drop deadlines for non-payment apply.
PREREQUISITE: None.
34238  Last day to add: 02/23/18
WE  02/12/18  06/07/18  08:00AM  09:25AM  TTH  WEQ W3
The above section is a web-enhanced class. Internet access is required.
Instructor: S Witmer

KIN-30  First Aid and CPR  3 UNITS
Earn "National Safety Council Advanced First Aid" and "American Heart Association Healthcare Professional" certificates. First Aid and CPR fees totaling $20.00 will be charged to the student and are not covered by BOGW. Drop deadlines for non-payment apply.
PREREQUISITE: None.
34239  Last day to add: 02/23/18
WE  02/12/18  06/07/18  10:30AM  11:55AM  MW  WEQ W3
The above section is a web-enhanced class. Internet access is required.
Instructor: S Witmer

KIN-30  First Aid and CPR  3 UNITS
Earn "National Safety Council Advanced First Aid" and "American Heart Association Healthcare Professional" certificates. First Aid and CPR fees totaling $20.00 will be charged to the student and are not covered by BOGW. Drop deadlines for non-payment apply.
PREREQUISITE: None.
34237  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  06:00PM  09:10PM  W  WEQ W3
Instructor: J McManis

KIN-35  Foundation for Fitness and Wellness  3 UNITS
Description: This course will provide students with the ability to make informed choices and to take responsibility for those choices in the areas of fitness, nutrition, and stress management. Emphasis is on the application of health and physical fitness principles. Each student will develop a personalized plan for the overall maintenance of their own wellness. 36 hours lecture and 54 hours laboratory.
34579  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  09:15AM  10:05AM  M  WEQ W3
LEC2  02/12/18  06/07/18  09:15AM  10:05AM  W  WEQ W3
LAB  02/12/18  06/07/18  10:30AM  11:55AM  MW  WEQ W8
Instructor: W Elton

KIN-36  Wellness: Lifestyle Choices  3 UNITS
Studies the various dimensions of wellness as they relate to living a positive, healthy life.
PREREQUISITE: None.
34240  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  09:40AM  11:05AM  TTH  WEQ W3
Instructor: B Wimer

KIN-36  Wellness: Lifestyle Choices  3 UNITS
Studies the various dimensions of wellness as they relate to living a positive, healthy life.
PREREQUISITE: None.
34241  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  11:15AM  12:40PM  TTH  WEQ W3
Instructor: B Wimer

KIN-38  Stress Management  3 UNITS
Description: This course addresses the nature, physiology, and psychology of stress. Students will explore perceptions, attitudes, beliefs, and lifestyle factors that may be pre-curors and contributors to stress. Students will also explore a variety of coping strategies and relaxation techniques. The lab portion of this class provides the opportunity for students to practice techniques and develop a personalized stress management program. 45 hours lecture and 27 hours laboratory.
34243  Last day to add: 02/23/18
LEC  02/12/18  05/02/18  02:00PM  03:50PM  MW  WEQ W3
LAB  02/12/18  05/02/18  04:00PM  05:30PM  MW  WEQ W2
The above section is a short term class. Please note the start and end dates.
Instructor: B Wimer

KIN-A40  Karate, Beginning  1 UNIT
Description: This course in beginning karate will develop the basic skills needed for the art of unarmed self-defense. This includes the use of blocking, shifting, punching, striking, and kicking. Karate will also develop speed, grace of movement, self-confidence, poise, mental alertness, strength, endurance, and muscular control. Karate is a physical art and a sport that anyone, irrespective of size, age, or sex, can practice according to his or her own capabilities. 54 hours laboratory.(Letter Grade, or Pass/No Pass option.)
34247  Last day to add: 02/23/18
LAB  02/12/18  06/07/18  12:45PM  02:10PM  MW  WEQ W2
Instructor: D Namekata
KIN-A41  Karate, Intermediate  1 UNIT  
Advisory: KIN-A40  Description: This course in intermediate karate is designed for the student wishing to review basic self defense skills and begin work on higher skills, develop intermediate level skills in unarmed self defense, and learn basic skills in kumite (free fighting). 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

34248  Last day to add: 02/23/18  
LAB 02/12/18 06/07/18 12:45PM 02:10PM MW WEQ W2  
Instructor: D Namekata

KIN-A46  Hatha Yoga, Beginning  1 UNIT  
Develops physical and mental wellness by exercises for breathing, concentration, flexibility, strength and relaxation.  
PREREQUISITE: None.  
34249  Last day to add: 02/23/18  
LAB 02/12/18 06/07/18 08:00AM 09:25AM TTH WEQ W2  
Instructor: F Stewart

KIN-A46  Hatha Yoga, Beginning  1 UNIT  
Develops physical and mental wellness by exercises for breathing, concentration, flexibility, strength and relaxation.  
PREREQUISITE: None.  
34580  Last day to add: 02/23/18  
LAB 02/12/18 06/07/18 08:45AM 10:10AM MW WEQ W2  
Instructor: L Zank

KIN-A46  Hatha Yoga, Beginning  1 UNIT  
Develops physical and mental wellness by exercises for breathing, concentration, flexibility, strength and relaxation.  
PREREQUISITE: None.  
34556  Last day to add: 02/23/18  
LAB 02/12/18 06/07/18 08:45AM 10:10AM MW WEQ W8  
Instructor: B Wimer

KIN-A54  Soccer  1 UNIT  
Description: This course is designed to introduce students to the rules, basic skills, and offensive/defensive strategy in soccer. Emphasis will be placed on improving individual skills and applying these skills to game situations. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

34253  Last day to add: 02/23/18  
LAB 02/12/18 06/07/18 10:30AM 11:55AM MW SOCR 2  
Instructor: E Camperell

KIN-A75B  Walking for Fitness: Intermediate  1 UNIT  
Advisory: KIN-A75A  Description: This course is designed for students of intermediate fitness levels who would like to enhance and improve their cardiovascular fitness, basic strength and flexibility with more advanced walking strategies. Intermediate walking techniques will be utilized in establishing walking programs designed to promote improvements in cardiorespiratory endurance and body composition. KIN-A75A, A75B and A77 are courses related in content and are limited in enrollment according to Title 5, section 55040. For further information, see section VIII regarding course repetition. 54 hours laboratory. (Letter grade or Pass/No Pass option.)

34254  Last day to add: 02/23/18  
LAB 02/12/18 06/07/18 08:00AM 09:25AM TTH WEQ W8  
Instructor: B Wimer

KIN-A77B  Jogging for Fitness, Intermediate  1 UNIT  
Advisory: KIN-A77A  Description: This course is designed for students of intermediate fitness levels who would like to enhance and improve their cardiovascular fitness and flexibility with jogging strategies. Jogging techniques will be utilized in establishing programs designed to promote improvements in cardiorespiratory endurance and body composition. The course is geared to all ages and is concerned with aspects of cardiovascular health and weight control. Emphasis will be on building endurance and strength by using stretching and jogging techniques for conditioning. KIN-A77A, A77B, and A77C are courses related in content and are limited in enrollment according to Title 5, section 55040. For further information, see section VIII regarding course repetition. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

34556  Last day to add: 02/23/18  
LAB 02/12/18 06/07/18 08:45AM 10:10AM MW WEQ W8  
Instructor: B Wimer

KIN-A81A  Physical Fitness, Beginning  1 UNIT  
Description: This course is designed to give the student an overview of the basic concepts that affect total fitness. Personalized exercise programs in cardiorespiratory endurance, muscular strength, muscular endurance, and flexibility will be developed. KIN-A81A and A81B are courses related in content and are limited in enrollment according to Title 5, section 55040. For further information see section VIII regarding course repetition. 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)

34257  Last day to add: 02/23/18  
LAB 02/12/18 06/07/18 12:15PM 01:40PM MW WEQ W8  
Instructor: B Wimer
LIB-1  Introduction to Information Literacy  1 UNIT
Description: Presents the fundamentals of the effective use of libraries to
find, evaluate, interpret, and organize information from a variety of formats,
both online and in print, to answer research questions and develop new
ones. Through the use of information retrieval systems students will develop
an understanding of and practices for the legal access to and ethical use of
information. 18 hours lecture. (Letter Grade, or Pass/No Pass option.)
PREREQUISITE: None.
34261  Last day to add: 04/24/18
OL 04/16/18 06/07/18 04/16/18 06/07/18 04/16/18
ON LINE
The above section is a short term online class. Computer with Internet access required.
See www.opencampus.com. Please note the start and end dates.
Instructor: M Castro

MAG-47  Applied Business, Management Ethics  3 UNITS
An examination of ethical concerns including corporate, personal, global,
environmental, public related issues ethics audits, and corporate social
responsibility. (Same as BUS-47)
PREREQUISITE: None.
34626  Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:45AM 10:10AM MW 0116
The above section is a web-enhanced class. Internet access is required.
Instructor: E Doucette
MAN-53  Human Relations  3 UNITS
Practical application of basic psychology in building better employer-employee relationships.
PREREQUISITE: None.
34264  Last day to add: 02/20/18
OL 02/12/18  04/08/18
ON LINE
The above section is a short term online class. Computer with Internet access required.
See www.opencampus.com. Please note the start and end dates.
Instructor: G Zwart

MAN-54  Human Relations  3 UNITS
Practical application of basic psychology in building better employer-employee relationships.
PREREQUISITE: None.
34265  Last day to add: 04/21/18
HYB 04/17/18  06/05/18  06:30PM  09:40PM  T  JKF 216
HYBO 04/17/18  06/05/18
ON LINE
The above section is a short term hybrid class. Computer with Internet access required.
See www.opencampus.com. Please note the start and end dates.
Instructor: E Davalos

MAN-55  Occupational Safety and Health Administration (OSHA) Standards for General Industry  2 UNITS
Description: Covers OSHA policies, procedures, and standards, as well as safety for general industry and health principles. Topics include scope and application of the OSHA general industry standards. Special emphasis is placed on those areas that are the most hazardous, using OSHA standards as a guide. Upon successful course completion, the student will receive either an OSHA 10 or 30 hour general industry or construction industry training completion card. 36 hours lecture. (Letter Grade, or Pass/No Pass option.)
34270  Last day to add: 04/24/18
OL 04/16/18  06/07/18
ON LINE
The above section is a short term online class. Computer with Internet access required.
See www.opencampus.com. Please note the start and end dates.
Instructor: K Mosley

MAN-56  CNC Machine Set-Up and Operation  4 UNITS
Description: Fundamental skills related to the setup and operation of CNC (Computer Numerically Control) machine tools. Students will set up and operate CNC machine tools exposing them to CNC controllers and some CNC manual programming. Students will gain hands-on experience with CNC machine tools. 54 hours lecture and 54 hours laboratory.
34271  Last day to add: 02/23/18
LEC 02/12/18  06/07/18  06:00PM  07:25PM  THH  CACT 2
LAB 02/12/18  06/07/18  07:35PM  09:00PM  THH  CACT 2
Instructor: P Van Hulle

MAN-60  Hydraulic and Pneumatic Systems  3 UNITS
Advisory: ENE-60 or MAT-52 Description: Basics of hydraulic and pneumatic systems including physical properties of liquids under pressure. Pumps, motors, accumulators, valves and drive cylinders are studied. The design and assembly of both high and low pressure fluid control systems from standard components is experienced. Applications of fluids in robotic and industrial equipment systems are presented. 40 hours lecture and 72 hours laboratory. (Letter Grade, or Pass/No Pass option.)
34583  Last day to add: 03/07/18
LEC 02/24/18  06/02/18  08:30AM  11:55AM  S  IT 124
LAB 02/24/18  06/02/18  11:45AM  04:35PM  S  IT 124
The above section is a short term class. Please note the start and end dates.
Instructor: P Maluso

MAN-64  Programmable Logic Controllers  3 UNITS
Advisory: ELE-10 or ELE-21 Description: Fundamentals of programmable logic controllers, with an emphasis on introductory programming of PLCs. Problem analysis with solutions that integrate programming formats, auxiliary commands and functions, common programming languages, and popular software programs used with PLCs. Installation, maintenance, troubleshooting and repair are inherent components. 36 hours lecture and 54 hours laboratory. (Letter Grade, or Pass/No Pass option.)
34273  Last day to add: 02/18/18
LEC 02/12/18  04/06/18  09:35AM  10:55AM  MWF  IT 124
LAB 02/12/18  04/06/18  11:05AM  01:15PM  MWF  IT 124
The above section is a short term class. Please note the start and end dates.
Instructor: P Van Hulle

MAN-69  Fundamentals of Tooling and Test Equipment  2 UNITS
Description: An introduction to the tools and equipment used in the facility maintenance occupation, with an emphasis on the safe use, maintenance, and storage of a variety of tools and equipment. Introduces hand and power tools, test equipment, and wiring practices.
34578  Last day to add: 02/13/18
LEC 02/12/18  03/14/18  10:15AM  01:55PM  MW  ATEC 119
LAB 02/12/18  03/14/18  01:30PM  04:25PM  MW  ATEC 119
The above section is a short term class. Please note the start and end dates.
Instructor: T Childers
## Mathematics

### Moving through Math

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<thead>
<tr>
<th>Course</th>
<th>Prerequisite</th>
<th>Description</th>
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<tr>
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<td>Arithmetic &amp; Pre-Algebra</td>
<td>No</td>
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<tr>
<td>MAT-64</td>
<td>Pre-Algebra</td>
<td>MAT-63</td>
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<tr>
<td>MAT-66</td>
<td>Geometry</td>
<td>MAT-64 or 65</td>
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<tr>
<td>MAT-10</td>
<td>Pre-calculus</td>
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<td>MAT-18A</td>
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<td>MAT-18B</td>
<td>Calculus II</td>
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<td>MAT-34</td>
<td>Intermediate Algebra</td>
<td>MAT-52</td>
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<tr>
<td>MAT-35**</td>
<td>Intermediate Algebra</td>
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<tr>
<td>MAT-36***</td>
<td>Trigonometry</td>
<td>MAT-35 &amp; 53</td>
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<tr>
<td>MAT-37**</td>
<td>Trigonometry</td>
<td>MAT-36</td>
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</tbody>
</table>

### Liberal Studies or Social Science Majors

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<th>Prerequisite</th>
<th>Description</th>
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</thead>
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<td>Finite Math</td>
<td>MAT-35</td>
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<tr>
<td>MAT-54</td>
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<tr>
<td>MAT-12A</td>
<td>Statistics</td>
<td>MAT-35</td>
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<tr>
<td>MAT-25**</td>
<td>Survey of Math</td>
<td>MAT-35</td>
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</tbody>
</table>

### Science, Engineering or Math Majors

<table>
<thead>
<tr>
<th>Course</th>
<th>Prerequisite</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT-1A</td>
<td>Calculus I</td>
<td>4 UNITS</td>
</tr>
<tr>
<td>MAT-1B</td>
<td>Calculus II</td>
<td>4 UNITS</td>
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<tr>
<td>MAT-2A</td>
<td>Linear Algebra</td>
<td>MAT-1B</td>
</tr>
<tr>
<td>MAT-3A</td>
<td>Linear Algebra</td>
<td>MAT-1B</td>
</tr>
</tbody>
</table>

### MAT-1A Calculus I

<table>
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<tr>
<th>Text</th>
<th>Prerequisite</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>MAT-1A</td>
<td>Calculus I</td>
<td>4 UNITS</td>
</tr>
<tr>
<td>MAT-10</td>
<td>Pre-calculus</td>
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<td>MAT-18A</td>
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<tr>
<td>MAT-18B</td>
<td>Calculus II</td>
<td>MAT-18A</td>
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<tr>
<td>MAT-21</td>
<td>Calculus III</td>
<td>MAT-18</td>
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<td>MAT-22</td>
<td>Linear Algebra</td>
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<tr>
<td>MAT-34</td>
<td>Intermediate Algebra</td>
<td>MAT-52</td>
</tr>
<tr>
<td>MAT-35**</td>
<td>Intermediate Algebra</td>
<td>MAT-34</td>
</tr>
<tr>
<td>MAT-36***</td>
<td>Trigonometry</td>
<td>MAT-35 &amp; 53</td>
</tr>
<tr>
<td>MAT-37**</td>
<td>Trigonometry</td>
<td>MAT-36</td>
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### MAT-1B Calculus II

<table>
<thead>
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<th>Text</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>MAT-1B</td>
<td>Calculus II</td>
<td>4 UNITS</td>
</tr>
<tr>
<td>MAT-10</td>
<td>Pre-calculus</td>
<td>MAT-26</td>
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<tr>
<td>MAT-18A</td>
<td>Calculus I</td>
<td>MAT-10</td>
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<tr>
<td>MAT-18B</td>
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<td>MAT-18A</td>
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<tr>
<td>MAT-21</td>
<td>Calculus III</td>
<td>MAT-18</td>
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<tr>
<td>MAT-22</td>
<td>Linear Algebra</td>
<td>MAT-21</td>
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<tr>
<td>MAT-34</td>
<td>Intermediate Algebra</td>
<td>MAT-52</td>
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<tr>
<td>MAT-35**</td>
<td>Intermediate Algebra</td>
<td>MAT-34</td>
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<tr>
<td>MAT-36***</td>
<td>Trigonometry</td>
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<tr>
<td>MAT-37**</td>
<td>Trigonometry</td>
<td>MAT-36</td>
</tr>
<tr>
<td>Course Code</td>
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<td>Units</td>
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<tr>
<td>MAT-1B</td>
<td>Calculus II</td>
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<tr>
<td>MAT-1C</td>
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<tr>
<td>MAT-5</td>
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<td>4</td>
</tr>
</tbody>
</table>

HYB - Hybrid Lecture  •  HYBL - Hybrid Lab  •  HYBLO - Hybrid Online Lab  •  HYBO - Hybrid Online Lecture  •  LAB - Lab  •  LEC - Lecture  •  OL - Online Lecture  •  OLL - Online Lab  •  WE - Web Enhanced Lecture  •  WEL - Web Enhanced Lab  •  WRX - Work Experience Lecture  •  WRKH - Hybrid Work Experience  •  WRKO - Work Experience Online

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MAT-5  Calculus for Business and Life Science  4 UNITS
Prerequisite: MAT-35 Description: A study of the techniques of calculus for majors in business, business administration, life and social sciences. Emphasis on problem solving and applications. Topics include: functions, graphs, limits, derivatives, integrals, exponential and logarithmic functions. 72 hours lecture. (Letter Grade or Pass/No Pass option.)
34331  Last day to add: 02/23/18
WE  02/12/18  06/07/18  02:00PM  04:05PM  TTH  IT 109
The above section is a web-enhanced class. Internet access is required.
Instructor: T Malouf

MAT-10  Precalculus  4 UNITS
Prerequisite: MAT-36 or qualifying placement level Description: Preparation for calculus: polynomial, absolute value, radical, rational, exponential, logarithmic, and trigonometric functions and their graphs; analytic geometry, polar coordinates, sequences and series. 72 hours lecture. (Letter Grade or Pass/No Pass option.)
34274  Last day to add: 02/23/18
WE  02/12/18  06/07/18  08:15AM  10:20AM  MW  IT 109
The above section is a web-enhanced class. Internet access is required.
Instructor: A Hassanzadah

MAT-10  Precalculus  4 UNITS
Prerequisite: MAT-36 or qualifying placement level Description: Preparation for calculus: polynomial, absolute value, radical, rational, exponential, logarithmic, and trigonometric functions and their graphs; analytic geometry, polar coordinates, sequences and series. 72 hours lecture. (Letter Grade or Pass/No Pass option.)
34521  Last day to add: 02/23/18
WE  02/12/18  06/07/18  10:30AM  12:35PM  TTH  STEM 302
The above section is a web-enhanced class. Internet access is required.
Instructor: J Warsinski

MAT-10  Precalculus  4 UNITS
Prerequisite: MAT-36 or qualifying placement level Description: Preparation for calculus: polynomial, absolute value, radical, rational, exponential, logarithmic, and trigonometric functions and their graphs; analytic geometry, polar coordinates, sequences and series. 72 hours lecture. (Letter Grade or Pass/No Pass option.)
34276  Last day to add: 02/23/18
WE  02/12/18  06/07/18  12:45PM  02:50PM  MW  STEM 201
The above section is a web-enhanced class. Internet access is required.
Instructor: J Tousignant

MAT-10  Precalculus  4 UNITS
Prerequisite: MAT-36 or qualifying placement level Description: Preparation for calculus: polynomial, absolute value, radical, rational, exponential, logarithmic, and trigonometric functions and their graphs; analytic geometry, polar coordinates, sequences and series. 72 hours lecture. (Letter Grade or Pass/No Pass option.)
34520  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  03:00PM  05:05PM  MW  ERHS C101
The above section is restricted to Eleanor Roosevelt High School students only.
Instructor: T Young

MAT-10  Precalculus  4 UNITS
Prerequisite: MAT-36 or qualifying placement level Description: Preparation for calculus: polynomial, absolute value, radical, rational, exponential, logarithmic, and trigonometric functions and their graphs; analytic geometry, polar coordinates, sequences and series. 72 hours lecture. (Letter Grade or Pass/No Pass option.)
34275  Last day to add: 02/23/18
WE  02/12/18  06/07/18  07:00PM  09:05PM  TTH  WEQ W5
The above section is a web-enhanced class. Internet access is required.
Instructor: S Hashemi

MAT-11  College Algebra  4 UNITS
Prerequisite: MAT-35 or qualifying placement level Description: This course is intended for students majoring in Liberal Arts and Humanities. The topics covered in this course include polynomial, radical, rational, absolute value, exponential and logarithmic functions; systems of equations; polynomial equations; permutations and combinations; analytic geometry; and linear programming. 72 hours lecture. (Letter Grade or Pass/No Pass option)
34279  Last day to add: 02/23/18
WE  02/12/18  06/07/18  10:30AM  12:35PM  MW  ATEC 211
The above section is a web-enhanced class. Internet access is required.
Instructor: J Ting

MAT-11  College Algebra  4 UNITS
Prerequisite: MAT-35 or qualifying placement level Description: This course is intended for students majoring in Liberal Arts and Humanities. The topics covered in this course include polynomial, radical, rational, absolute value, exponential and logarithmic functions; systems of equations; polynomial equations; permutations and combinations; analytic geometry; and linear programming. 72 hours lecture. (Letter Grade or Pass/No Pass option)
34281  Last day to add: 02/23/18
WE  02/12/18  06/07/18  12:45PM  02:50PM  MW  WEQ W6
The above section is a web-enhanced class. Internet access is required.
Instructor: J Basinger

MAT-11  College Algebra  4 UNITS
Prerequisite: MAT-35 or qualifying placement level Description: This course is intended for students majoring in Liberal Arts and Humanities. The topics covered in this course include polynomial, radical, rational, absolute value, exponential and logarithmic functions; systems of equations; polynomial equations; permutations and combinations; analytic geometry; and linear programming. 72 hours lecture. (Letter Grade or Pass/No Pass option)
34278  Last day to add: 02/23/18
WE  02/12/18  06/07/18  03:00PM  05:05PM  MW  WEQ W6
The above section is a web-enhanced class. Internet access is required.
Instructor: J Basinger
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<td>Prerequisite: MAT-35 or qualifying placement level Description: This course is intended for students majoring in Liberal Arts and Humanities. The topics covered in this course include polynomial, radical, rational, absolute value, exponential and logarithmic functions; systems of equations; polynomial equations; permutations and combinations; analytic geometry; and linear programming. 72 hours lecture. (Letter Grade or Pass/No Pass option)</td>
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<td>MAT-11</td>
<td>College Algebra</td>
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<tr>
<td>MAT-12</td>
<td>Statistics</td>
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<td>Prerequisite: MAT-35 Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)</td>
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<td>Instructor: Y Lam</td>
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<td>MAT-12</td>
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<td>Prerequisite: MAT-35 Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)</td>
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<td>Instructor: K Gilman</td>
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MAT-12  Statistics  4 UNITS
Prerequisite: MAT-35 Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)
34282  Last day to add: 02/23/18
WE  02/12/18 06/07/18  08:15AM  10:20AM  MW  WEQW6
The above section is a web-enhanced class. Internet access is required.
Instructor: N Alvarado

MAT-12  Statistics  4 UNITS
Prerequisite: MAT-35 Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)
34522  Last day to add: 02/23/18
WE  02/12/18 06/07/18  08:15AM  10:20AM  TTH  STEM 115
The above section is a web-enhanced class. Internet access is required.
Instructor: J Warsinski

MAT-12  Statistics  4 UNITS
Prerequisite: MAT-35 Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)
34293  Last day to add: 02/23/18
HYB  02/12/18 06/07/18  09:15AM  10:20AM  MW  IT 117
HYBO  02/12/18 06/07/18  09:15AM  10:20AM  ON LINE
The above section is a hybrid class. Computer with Internet access required.
Instructor: Y Lam

MAT-12  Statistics  4 UNITS
Prerequisite: MAT-35 Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)
34285  Last day to add: 02/23/18
WE  02/12/18 06/07/18  10:30AM  12:35PM  MW  STEM 115
The above section is a web-enhanced class. Internet access is required.
Instructor: J Lam Turno

MAT-12  Statistics  4 UNITS
Prerequisite: MAT-35 Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)
34287  Last day to add: 02/23/18
WE  02/12/18 06/07/18  10:30AM  12:35PM  TTH  ATEC 204
The above section is a web-enhanced class. Internet access is required.
Instructor: K Sadatmand

MAT-12  Statistics  4 UNITS
Prerequisite: MAT-35 Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)
34284  Last day to add: 02/23/18
WE  02/12/18 06/07/18  12:45PM  02:50PM  MW  STEM 115
The above section is a web-enhanced class. Internet access is required.
Instructor: W H Mai

MAT-12  Statistics  4 UNITS
Prerequisite: MAT-35 Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)
34288  Last day to add: 02/23/18
WE  02/12/18 06/07/18  02:00PM  04:05PM  TTH  WEQW4
The above section is a web-enhanced class. Internet access is required.
Instructor: D Wood

HYB - Hybrid Lecture • HYBL - Hybrid Lab • HYBLO - Hybrid Online Lab • HYBO - Hybrid Online Lecture • LAB - Lab • LEC - Lecture • OL - Online Lecture • OLL - Online Lab • WE - Web Enhanced Lecture • WEL - Web Enhanced Lab • WRK - Work Experience Lecture • WRKLN - Hybrid Work Experience • WRKLO - Work Experience Online

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MAT-12 Statistics 4 UNITS
Prerequisite: MAT-35 Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)
34288 Last day to add: 02/23/18
WE 02/12/18 06/07/18 03:00PM 05:05PM MW STEM 115
The above section is a web-enhanced class. Internet access is required.
Instructor: J Burke

MAT-12 Statistics 4 UNITS
Prerequisite: MAT-35 Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)
34295 Last day to add: 02/23/18
WE 02/12/18 06/07/18 04:15PM 06:20PM MW IT 210
The above section is a web-enhanced class. Internet access is required.
Instructor: S Arefin

MAT-12 Statistics 4 UNITS
Prerequisite: MAT-35 Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)
34294 Last day to add: 02/23/18
WE 02/12/18 06/07/18 04:15PM 06:20PM TTH HUM 102
The above section is a web-enhanced class. Internet access is required.
Instructor: S Johnson

MAT-12 Statistics 4 UNITS
Prerequisite: MAT-35 Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)
34291 Last day to add: 02/23/18
WE 02/12/18 06/07/18 06:00PM 08:05PM MW STEM 115
The above section is a web-enhanced class. Internet access is required.
Instructor: J Burke

MAT-12 Statistics 4 UNITS
Prerequisite: MAT-35 Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)
34531 Last day to add: 02/23/18
WE 02/12/18 06/07/18 07:00PM 09:05PM TTH HUM 102
The above section is a web-enhanced class. Internet access is required.
Instructor: S Johnson

MAT-12H Honors Statistics 4 UNITS
Prerequisite: MAT-35 Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. Honors course offers an enriched experience for accelerated students through limited class size, seminar format, focus on primary texts, and application of higher-level critical thinking skills. Students may not receive credit for both MAT-12 and MAT-12H. 72 hours lecture. (Letter Grade or Pass / No Pass option.)
34553 Last day to add: 02/23/18
WE 02/12/18 06/07/18 10:30AM 12:35PM MW STEM 125
Instructor: J Warsinski

MAT-32 Introduction to Symbolic Logic 3 UNITS
Limitation on enrollment: May not be taken if credit for Philosophy 32 has been granted Description: Introduces the principles of deductive reasoning, including the practical application of modern symbolic techniques. 54 hours lecture.
34304 Last day to add: 02/23/18
WE 02/12/18 06/07/18 12:35PM 02:10PM MW HUM 102
The above section is a web-enhanced class. Internet access is required.
Instructor: M Murphey
MAT-35 Intermediate Algebra 5 UNITS
Prerequisite: MAT-52 Description: The concepts introduced in elementary algebra are presented again, but in greater depth. In addition to basic algebraic operations and graphing, students are introduced to functions, inverse functions, exponential and logarithmic functions, complex numbers, conic sections, nonlinear systems of equations, and sequences and series. 90 hours lecture. (Letter Grade or Pass/No Pass option)

Instructor: E Chung

The above section is an online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture students are required to attend campus for proctored exams on the following dates: one day between 4/5 to 4/8 and another day between 6/3 and 6/7.

Instructor: E Chung

MAT-35 Intermediate Algebra 5 UNITS
Prerequisite: MAT-52 Description: The concepts introduced in elementary algebra are presented again, but in greater depth. In addition to basic algebraic operations and graphing, students are introduced to functions, inverse functions, exponential and logarithmic functions, complex numbers, conic sections, nonlinear systems of equations, and sequences and series. 90 hours lecture. (Letter Grade or Pass/No Pass option)

Instructor: B Johnson

MAT-35 Intermediate Algebra 5 UNITS
Prerequisite: MAT-52 Description: The concepts introduced in elementary algebra are presented again, but in greater depth. In addition to basic algebraic operations and graphing, students are introduced to functions, inverse functions, exponential and logarithmic functions, complex numbers, conic sections, nonlinear systems of equations, and sequences and series. 90 hours lecture. (Letter Grade or Pass/No Pass option)

Instructor: J DeGuzman

MAT-35 Intermediate Algebra 5 UNITS
Prerequisite: MAT-52 Description: The concepts introduced in elementary algebra are presented again, but in greater depth. In addition to basic algebraic operations and graphing, students are introduced to functions, inverse functions, exponential and logarithmic functions, complex numbers, conic sections, nonlinear systems of equations, and sequences and series. 90 hours lecture. (Letter Grade or Pass/No Pass option)

Instructor: M Zeller

MAT-35 Intermediate Algebra 5 UNITS
Prerequisite: MAT-52 Description: The concepts introduced in elementary algebra are presented again, but in greater depth. In addition to basic algebraic operations and graphing, students are introduced to functions, inverse functions, exponential and logarithmic functions, complex numbers, conic sections, nonlinear systems of equations, and sequences and series. 90 hours lecture. (Letter Grade or Pass/No Pass option)
### MAT-35 Intermediate Algebra 5 UNITS
Prerequisite: MAT-52
Description: The concepts introduced in elementary algebra are presented again, but in greater depth. In addition to basic algebraic operations and graphing, students are introduced to functions, inverse functions, exponential and logarithmic functions, complex numbers, conic sections, nonlinear systems of equations, and sequences and series. 90 hours lecture. (Letter Grade or Pass/No Pass option)

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<td>The above class is part of Norco College's Next Phase Partnership with the CRC in Norco, serving men pursuing a college education while incarcerated at the CRC in Norco.</td>
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Instructor: M Zeller

### MAT-35 Intermediate Algebra 5 UNITS
Prerequisite: MAT-52
Description: The concepts introduced in elementary algebra are presented again, but in greater depth. In addition to basic algebraic operations and graphing, students are introduced to functions, inverse functions, exponential and logarithmic functions, complex numbers, conic sections, nonlinear systems of equations, and sequences and series. 90 hours lecture. (Letter Grade or Pass/No Pass option)

Instructor: K Sadatmand

### MAT-35 Intermediate Algebra 5 UNITS
Prerequisite: MAT-52
Description: The concepts introduced in elementary algebra are presented again, but in greater depth. In addition to basic algebraic operations and graphing, students are introduced to functions, inverse functions, exponential and logarithmic functions, complex numbers, conic sections, nonlinear systems of equations, and sequences and series. 90 hours lecture. (Letter Grade or Pass/No Pass option)

Instructor: J Lopez

### MAT-35 Intermediate Algebra 5 UNITS
Prerequisite: MAT-52
Description: The concepts introduced in elementary algebra are presented again, but in greater depth. In addition to basic algebraic operations and graphing, students are introduced to functions, inverse functions, exponential and logarithmic functions, complex numbers, conic sections, nonlinear systems of equations, and sequences and series. 90 hours lecture. (Letter Grade or Pass/No Pass option)

Instructor: E Chung
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<tr>
<td>MAT-36</td>
<td>Trigonometry</td>
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**MAT-35 Intermediate Algebra 5 UNITS**

Prerequisite: MAT-52 Description: The concepts introduced in elementary algebra are presented again, but in greater depth. In addition to basic algebraic operations and graphing, students are introduced to functions, inverse functions, exponential and logarithmic functions, complex numbers, conic sections, nonlinear systems of equations, and sequences and series. 90 hours lecture. (Letter Grade or Pass/No Pass option)

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**MAT-36 Trigonometry 4 UNITS**

Prerequisite: MAT-35 and MAT-53 Description: The study of trigonometric functions, their inverses and their graphs; identities and proofs related to trigonometric expressions; solving trigonometric equations; solving right triangles; solving oblique triangles using the Law of Cosines and the Law of Sines; elements of geometry important to the foundation of trigonometry; polar coordinates; and introduction to vectors. 72 hours lecture. (Letter Grade or Pass/No Pass option)

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</tbody>
</table>

Instructor: J DeGuzman

Instructor: B Nguyen

Instructor: S Park

Instructor: J DeGuzman

Instructor: P Singh

Instructor: J Driver
MAT-36  Trigonometry  4 UNITS
Prerequisite: MAT-35 and MAT-53 Description: The study of trigonometric functions, their inverses and their graphs; identities and proofs related to trigonometric expressions; solving trigonometric equations; solving right triangles; solving oblique triangles using the Law of Cosines and the Law of Sines; elements of geometry important to the foundation of trigonometry; polar coordinates; and introduction to vectors. 72 hours lecture. (Letter Grade or Pass/No Pass option)

34329  Last day to add: 02/23/18
HYB  02/12/18  06/07/18  09:40AM  10:55AM  TTH  LIBR 108
HYB  02/12/18  06/07/18  12:45PM  02:50PM  MW  ATEC 211

The above section is a web-enhanced class. Internet access is required.
Instructor: S Borissova

MAT-36  Trigonometry  4 UNITS
Prerequisite: MAT-35 and MAT-53 Description: The study of trigonometric functions, their inverses and their graphs; identities and proofs related to trigonometric expressions; solving trigonometric equations; solving right triangles; solving oblique triangles using the Law of Cosines and the Law of Sines; elements of geometry important to the foundation of trigonometry; polar coordinates; and introduction to vectors. 72 hours lecture. (Letter Grade or Pass/No Pass option)

34333  Last day to add: 02/23/18
OL  02/12/18  06/07/18  11:15AM  12:30PM  TTH  LIBR 108
OL  02/12/18  06/07/18  09:40AM  10:55AM  MW  ATEC 211

The above section is an online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture students are required to attend campus for proctored exams on the following dates: one day between 4/5 to 4/8 and another day between 6/3 and 6/7.
Instructor: J Driver

MAT-36  Trigonometry  4 UNITS
Prerequisite: MAT-35 and MAT-53 Description: The study of trigonometric functions, their inverses and their graphs; identities and proofs related to trigonometric expressions; solving trigonometric equations; solving right triangles; solving oblique triangles using the Law of Cosines and the Law of Sines; elements of geometry important to the foundation of trigonometry; polar coordinates; and introduction to vectors. 72 hours lecture. (Letter Grade or Pass/No Pass option)

34338  Last day to add: 02/23/18
OL  02/12/18  06/07/18  11:15AM  12:30PM  TTH  LIBR 108
OL  02/12/18  06/07/18  09:40AM  10:55AM  MW  ATEC 211

The above section is an online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture students are required to attend campus for proctored exams on the following dates: one day between 4/5 to 4/8 and another day between 6/3 and 6/7.
Instructor: S Park

MAT-52  Elementary Algebra  4 UNITS
Prerequisite: MAT-64, 65, 90F or qualifying placement level Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)

34327  Last day to add: 02/23/18
WE  02/12/18  06/07/18  04:15PM  06:20PM  TTH  WEQ W4

The above section is a web-enhanced class. Internet access is required.
Instructor: S Hashemi

MAT-52  Elementary Algebra  4 UNITS
Prerequisite: MAT-64, 65, 90F or qualifying placement level Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)

34330  Last day to add: 02/23/18
WE  02/12/18  06/07/18  06:30PM  08:35PM  MW  WEQ W5

The above section is a web-enhanced class. Internet access is required.
Instructor: S Borissova
MAT-52  Elementary Algebra  4 UNITS
Prerequisite: MAT-64, 65, 90F or qualifying placement level
Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)
OL  02/12/18  06/07/18  Last day to add: 02/23/18
ON LINE
We 02/12/18 06/07/18 08:45AM 10:00AM MWF WEQ W5
The above section is a web-enhanced class. Internet access is required.
Instructor: S Park

MAT-52  Elementary Algebra  4 UNITS
Prerequisite: MAT-64, 65, 90F or qualifying placement level
Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)
OL  02/12/18  06/07/18  Last day to add: 02/23/18
ON LINE
WE 02/12/18  06/07/18 12:45PM 02:00PM MWF LIBR 108
The above section is an online class. Computer with Internet access required.
See www.opencampus.com. In addition to the online lecture students are required to attend campus for proctored exams on the following dates: one day between 4/5 to 4/8 and another day between 6/3 and 6/7.
Instructor: R Prior

MAT-52  Elementary Algebra  4 UNITS
Prerequisite: MAT-64, 65, 90F or qualifying placement level
Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)
OL  02/12/18  06/07/18  Last day to add: 02/23/18
ON LINE
WE 02/12/18  06/07/18 10:30AM 11:45AM MWF WEQ N
The above section is a web-enhanced class. Internet access is required.
Instructor: S Park

MAT-52  Elementary Algebra  4 UNITS
Prerequisite: MAT-64, 65, 90F or qualifying placement level
Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)
OL  02/12/18  06/07/18 08:45AM 10:00AM MWF WEQ N
The above section is an online class. Computer with Internet access required.
See www.opencampus.com. In addition to the online lecture students are required to attend campus for proctored exams on the following dates: one day between 4/5 to 4/8 and another day between 6/3 and 6/7.
Instructor: R Prior

MAT-52  Elementary Algebra  4 UNITS
Prerequisite: MAT-64, 65, 90F or qualifying placement level
Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)
OL  02/12/18  06/07/18 07:20AM 09:25AM TTH ATEC 204
The above section is a web-enhanced class. Internet access is required.
Instructor: D Wood
MAT-52  Elementary Algebra  4 UNITS
Prerequisite: MAT-64, 65, 90F or qualifying placement level Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)
Instructor: P. Kimbrough

MAT-52  Elementary Algebra  4 UNITS
Prerequisite: MAT-64, 65, 90F or qualifying placement level Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)
Instructor: S. Lee

MAT-52  Elementary Algebra  4 UNITS
Prerequisite: MAT-64, 65, 90F or qualifying placement level Description: Examines real numbers and variables as they are involved in polynomials, fractions, linear equations, quadratic equations, systems of equations, inequalities, exponential and radical expressions, and absolute value. Factoring, graphing, and word problem applications will also be included. 72 hours lecture. (Non-degree credit course. Letter grade, or Pass/No Pass option.)
Instructor: M Devitt

MAT-53  College Geometry  3 UNITS
Prerequisite: MAT-52 Description: A course covering the study of plane geometry and three dimensional figures. These topics include angles, triangles, quadrilaterals, circles and solids, their formulas for measuring such figures, including perimeter, area and volume. Students create proofs of geometric concepts using postulates and theorems associated with geometric objects and their characteristics. 54 hours lecture.
Instructor: J. Frewing

MAT-53  College Geometry  3 UNITS
Prerequisite: MAT-52 Description: A course covering the study of plane geometry and three dimensional figures. These topics include angles, triangles, quadrilaterals, circles and solids, their formulas for measuring such figures, including perimeter, area and volume. Students create proofs of geometric concepts using postulates and theorems associated with geometric objects and their characteristics. 54 hours lecture.
Instructor: A. Thomas

MAT-53  College Geometry  3 UNITS
Prerequisite: MAT-52 Description: A course covering the study of plane geometry and three dimensional figures. These topics include angles, triangles, quadrilaterals, circles and solids, their formulas for measuring such figures, including perimeter, area and volume. Students create proofs of geometric concepts using postulates and theorems associated with geometric objects and their characteristics. 54 hours lecture.
Instructor: S. Lee

MAT-53  College Geometry  3 UNITS
Prerequisite: MAT-52 Description: A course covering the study of plane geometry and three dimensional figures. These topics include angles, triangles, quadrilaterals, circles and solids, their formulas for measuring such figures, including perimeter, area and volume. Students create proofs of geometric concepts using postulates and theorems associated with geometric objects and their characteristics. 54 hours lecture.
Instructor: H. Mai

MAT-65  Arithmetic and Pre-Algebra  5 UNITS
Study of the four basic operations applied to whole numbers, integers, fractions, mixed numbers, and decimals, to include application to real-world problems along with an introduction to the notion of algebra and its uses. (Non-degree credit course.)
PREREQUISITE: None.
Instructor: J. Frewing
MAT-65 Arithmetic and Pre-Algebra 5 UNITS
Study of the four basic operations applied to whole numbers, integers, fractions, mixed numbers, and decimals, to include application to real-world problems along with an introduction to the notion of algebra and its uses. (Non-degree credit course.)
PREREQUISITE: None.
34352 Last day to add: 02/23/18
WE 02/12/18 06/07/18 10:30AM 12:05PM MWF ATEC 204
The above section is a web-enhanced class. Internet access is required.
Instructor: J Frewing

MAT-65 Arithmetic and Pre-Algebra 5 UNITS
Study of the four basic operations applied to whole numbers, integers, fractions, mixed numbers, and decimals, to include application to real-world problems along with an introduction to the notion of algebra and its uses. (Non-degree credit course.)
PREREQUISITE: None.
34354 Last day to add: 02/23/18
WE 02/12/18 06/07/18 02:00PM 04:30PM TTH WEQ W5
The above section is a web-enhanced class. Internet access is required.
Instructor: E Chung

MAT-65 Arithmetic and Pre-Algebra 5 UNITS
Study of the four basic operations applied to whole numbers, integers, fractions, mixed numbers, and decimals, to include application to real-world problems along with an introduction to the notion of algebra and its uses. (Non-degree credit course.)
PREREQUISITE: None.
34357 Last day to add: 02/23/18
WE 02/12/18 06/07/18 06:30PM 09:00PM MW IT 210
The above section is a web-enhanced class. Internet access is required.
Instructor: B Nguyen

MICROBIOLOGY

MIC-1 Microbiology 4 UNITS
Prerequisite: Take CHE-2A or CHE-3; and AMY-2A or BIO-1/1H or BIO-11
Description: General characteristics of microorganisms with emphasis on morphology, growth, control, metabolism and reproduction; their role in disease, body defenses, and application to the biomedical field. 54 hours lecture and 54 hours laboratory.
34359 Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:30AM 09:55AM MW ST 211
WEL 02/12/18 06/07/18 10:10AM 01:20PM M ST 203
The above section is a hybrid class. Computer with internet access required.
Instructor: M Gutierrez

MIC-1 Microbiology 4 UNITS
Prerequisite: Take CHE-2A or CHE-3; and AMY-2A or BIO-1/1H or BIO-11
Description: General characteristics of microorganisms with emphasis on morphology, growth, control, metabolism and reproduction; their role in disease, body defenses, and application to the biomedical field. 54 hours lecture and 54 hours laboratory.
34360 Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:30AM 09:55AM MW ST 211
WEL 02/12/18 06/07/18 10:10AM 01:20PM M ST 203
The above section is a hybrid class. Computer with internet access required.
Instructor: B Moore
MUSIC INDUSTRY STUDIES

MIS-1A Beginning Performance Techniques For Studio Recording 2 UNITS
Limitation on enrollment: Audition on or before the first class meeting
Description: Introduction to practical performance techniques for the recording studio. Students will have the opportunity to participate in the planning process of a recording session utilizing techniques such as song formation, microphone technique, mixing and production. The class will culminate in a CD recording. This class is appropriate for vocalists and instrumentalists. 108 laboratory hours.
34370 Last day to add: 02/23/18
WEL 02/12/18 06/07/18 02:30PM 04:20PM W THTR 204
WEL2 02/12/18 06/07/18 01:00PM 05:30PM F THTR 204
The above section is a web-enhanced class. Internet access is required.
Instructor: B Kerr

MIS-1B Intermediate Performance Techniques For Studio Recording 2 UNITS
Prerequisite: MIS-1A Description: Continuation of the skills studied in MIS-1A focusing on song collaboration, organization of vocals and instruments needed to record. Students will have the opportunity to participate in the planning process of a recording session utilizing techniques such as song formation, microphone technique, mixing and production. The class will culminate in a CD recording. This class is appropriate for intermediate vocalists and instrumentalists. 108 hours laboratory.
34371 Last day to add: 02/23/18
WEL 02/12/18 06/07/18 02:30PM 04:20PM W THTR 204
WEL2 02/12/18 06/07/18 01:00PM 05:30PM F THTR 204
The above section is a web-enhanced class. Internet access is required.
Instructor: B Kerr

MIS-1C Advanced Performance Techniques For Studio Recording 2 UNITS
Prerequisite: MIS-1B Description: Advanced performance techniques for the recording studio. A continuation of the skills studied in MIS-1B the focus of this course is communication, song collaboration, studio session mapping. Students will have the opportunity to lead a collaborative group, duet or solo project toward successful completion/recording utilizing techniques such as song formation, microphone technique, mixing and production. The class will culminate in a CD recording. This class is appropriate for advanced vocalists and instrumentalists. 108 hours laboratory.
34372 Last day to add: 02/23/18
WEL 02/12/18 06/07/18 02:30PM 04:20PM W THTR 204
WEL2 02/12/18 06/07/18 01:00PM 05:30PM F THTR 204
The above section is a web-enhanced class. Internet access is required.
Instructor: B Kerr

MIS-2 Songwriting 2 UNITS
Prerequisite: MUS-3 Description: Introduction to popular songwriting techniques. Topics covered include chord structure, form, rhythm, melody, harmony, lyrics, chord progressions, preparing lead sheets and arranging. This course is ideal for vocalists and instrumentalists. 18 hours lecture and 54 hours laboratory.
34373 Last day to add: 02/23/18
WE 02/12/18 06/07/18 02:00PM 03:05PM T HUM 101
WEL 02/12/18 06/07/18 03:15PM 04:20PM T HUM 101
WEL2 02/12/18 06/07/18 02:00PM 04:10PM TH HUM 101
The above section is a web-enhanced class. Internet access is required.
Instructor: B Kerr

MIS-3 Digital Audio Production 1 4 UNITS
Description: This course introduces the techniques and elements of electronic music production. Topics include synthesis, sampling, MIDI sequencing and audio production. Students will create original compositions using electronic music techniques. Students taking this course will complete the official AVID coursework for Pro Tools 101 and 110 and will have the opportunity to obtain AVID Pro Tools User Certification. 54 hours lecture and 54 hours laboratory.
34374 Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:00AM 09:25AM MW IT 106
WEL 02/12/18 06/07/18 09:35AM 10:55AM MW IT 106
The above section is a web-enhanced class. Internet access is required.
Instructor: A Eastwood

MIS-4 Digital Audio Production 2 4 UNITS
Prerequisite: MIS-3 Description: This intermediate course continues exploration and application of the elements and techniques of electronic music production. Topics include synthesis, sampling, MIDI sequencing and advanced audio production. Students will create original compositions using electronic music techniques. Students taking this course will complete the official AVID coursework for Pro Tools 201 and 210 and will have the opportunity to obtain AVID Pro Tools Operator Certification. 54 hours lecture and 54 hours laboratory.
34375 Last day to add: 02/23/18
WE 02/12/18 06/07/18 04:30PM 05:55PM MW IT 106
WEL 02/12/18 06/07/18 06:05PM 07:30PM MW IT 106
The above section is a web-enhanced class. Internet access is required.
Instructor: B Kerr

MIS-7 Introduction To Music Technology 3 UNITS
Description: This introductory course examines the terminology, equipment, techniques, and concepts related to music technology. The course will survey the principles and practices of audio, MIDI synthesis, notation, and audio recording utilizing hardware and software platforms. 36 hours lecture and 54 hours laboratory.
34376 Last day to add: 02/23/18
WE 02/12/18 06/07/18 06:30PM 07:35PM T IT 106
WE2 02/12/18 06/07/18 06:30PM 07:20PM TH IT 106
WEL 02/12/18 06/07/18 07:45PM 09:10PM TTH IT 106
The above section is a web-enhanced class. Internet access is required.
Instructor: A Eastwood
MIS-11A Studio Arts Ensemble I 2 UNITS
Limitation on enrollment: Audition on or before the first class meeting
Description: An ensemble designed for instrumentalists and vocalists interested in the popular music and entertainment industries. This ensemble is open to: singers, guitarists, drummers, bassists, horn players, string players and keyboardists who work collaboratively to study, perform and/or record selected popular musical arrangements. The music studied in this class will be chosen from a diverse body of popular music literature. Subsequent enrollment will provide students an opportunity for additional skill development and competency in the subject area. May be taken a total of two times. 108 hours laboratory. (TBA option)
34367 Last day to add: 03/15/18
WEL 02/12/18 06/07/18 04:30PM 06:25PM TTH THTR 204
The above section is a web-enhanced class and has additional laboratory hours to be arranged. Internet access is required. In addition to the time spent in class, students are expected to perform outside of class at various locations throughout the semester. All concert dates and times will be listed on the class syllabus. Contact the instructor for additional information.
Instructor: B Palispis

MIS-11B Studio Arts Ensemble II 2 UNITS
Prerequisite: MIS-11A Description: A continuation of the skill development of instrumentalists and vocalists interested in the popular music and entertainment industries. This ensemble is open to: singers, guitarists, drummers, bassists, horn players, string players and keyboardists who work collaboratively to study, perform and/or record selected popular musical arrangements. The music studied in this class will be chosen from a diverse body of popular music literature. Subsequent enrollment will provide students an opportunity for additional skill development and competency in the subject area. May be taken a total of two times. 108 hours laboratory. (TBA option)
34368 Last day to add: 03/15/18
WEL 02/12/18 06/07/18 04:30PM 06:25PM TTH THTR 204
The above section is a web-enhanced class and has additional laboratory hours to be arranged. Internet access is required. In addition to the time spent in class, students are expected to perform outside of class at various locations throughout the semester. All concert dates and times will be listed on the class syllabus. Contact the instructor for additional information.
Instructor: B Palispis

MIS-13 Recording Studio Workshop I 3 UNITS
Prerequisite: MIS-3 and MIS-12 Description: This applied workshop course is a survey of the fundamental principles and practices of audio recording. Topics include sound and hearing, acoustics, the components of various recording systems and signal flow. It provides practical experience with audio hardware, software and recording techniques. Students will engage in digital audio workstation set up (DAWs) and operation, and will run studio and live sessions from set up to tear down. 36 hours lecture and 54 hours laboratory.
34369 Last day to add: 02/23/18
WE 02/12/18 06/07/18 09:40AM 10:30AM T IT 106
WE2 02/12/18 06/07/18 09:40AM 10:45AM TH IT 106
WE 02/12/18 06/07/18 10:55AM 12:20PM TTH IT 106
The above section is a web-enhanced class. Internet access is required.
Instructor: K Kamerin

MIS-200 Mis Music Industry Studies Work Experience 1 UNIT
Advisory: Students should have paid or voluntary employment. Description: This course is designed to coordinate the student's occupational on-the-job training with related instruction in work-related skills. Students may earn up to four (4) units each semester for a maximum of 16 units of work experience. No more than 20 hours per week may be applied toward the work requirement. Students enrolling in WKX-200 are administratively moved to the appropriate general or occupational work experience course after the first class meeting based upon several factors, including the number of hours worked during the semester, occupational program requirements, and type of work in which the student is engaged. 18 hours orientation and 60 hours of volunteer work experience (maximum of 240 hours) or 75 hours of paid work experience (maximum of 300 hours) are required for each enrolled unit. (Letter Grade or Pass/No Pass option.)
34694 Last day to add: 02/23/18
WRKO 02/12/18 06/07/18 ON LINE
The above section is an online class. Computer with Internet access required. See www.open-campus.com. In addition to the online lecture, students are required to attend an orientation at Norco College the first week of the semester, dates and times will be posted in Blackboard. Students must also meet on-campus for an instructor conference and for final exams. Please see Blackboard for specific dates and times.
Instructor: Staff

MARKETING

MKT-20 Principles of Marketing 3 UNITS
Advisory: BUS-10 Description: Examines the role of marketing as it relates to society and economic development. The course will analyze products, consumer, marketing research and strategic market planning. The course will survey with a global perspective, the selection of target markets as well as the development of the marketing mix - place, product, price and promotion. 54 hours lecture.
34377 Last day to add: 02/17/18
HYB 02/13/18 04/03/18 06:30PM 09:40PM T IT 108
HYB0 02/13/18 04/03/18 ON LINE
The above section is a short term hybrid class. Computer with Internet access required. See www.open-campus.com. Please note the start and end dates.
Instructor: A Riker

MKT-41 Techniques of Selling 3 UNITS
Description: Examines the key topics of how to locate, qualify and approach prospects; how to deliver the sales presentation, how to meet objections and how to close the sale. The analysis of behavioral, ethical and philosophical factors as applied to the selling function globally. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)
34378 Last day to add: 04/21/18
HYB 04/17/18 06/05/18 06:30PM 09:40PM T IT 108
HYB0 04/17/18 06/05/18 ON LINE
The above section is a short term hybrid class. Computer with Internet access required. See www.open-campus.com. Please note the start and end dates.
Instructor: M Ferguson
MUSIC

MUS-3 Fundamentals of Music 4 UNITS
Advisory: Concurrent enrollment in an appropriate level piano class. Description: A basic course in music theory designed to develop an understanding of notation, rhythm, pitch, keys, modes, scales, intervals, chords and music terminology. Basic sight singing, dictation and music reading at the piano. 54 hours lecture and 54 hours laboratory. (TBA option)
34384 Last day to add: 02/23/18
WE 02/12/18 06/07/18 09:40AM 11:05AM TTH HUM 101
WEL 02/12/18 06/07/18 11:25AM 12:50PM TTH HUM 101
The above section is a web-enhanced class. Internet access is required.
Instructor: Z. Shehata

MUS-4 Music Theory I 4 UNITS
Prerequisite: MUS-3 or the equivalent. Advisory: Concurrent enrollment in an appropriate level piano class. Description: A broad survey of music in the Western world, including terminology for describing musical elements, forms, and styles. Organized to acquaint students with the roles of music and musicians in society and with representative musical selections through listening, reading, writing, and live performance. 54 hours lecture.
34393 Last day to add: 02/23/18
WE 02/12/18 06/07/18 07:45AM 09:10AM MW HUM 101
WEL 02/12/18 06/07/18 09:30AM 10:55AM MW HUM 101
The above section is a web-enhanced class. Internet access is required.
Instructor: K. Kamerin

MUS-6 Music Theory III 4 UNITS
Prerequisite: MUS-5 or the equivalent. Advisory: Concurrent enrollment in an appropriate level piano class. Description: A broad survey of music in the Western world, including terminology for describing musical elements, forms, and styles. Organized to acquaint students with the roles of music and musicians in society and with representative musical selections through listening, reading, writing, and live performance. 54 hours lecture.
34394 Last day to add: 02/23/18
WE 02/12/18 06/07/18 07:45AM 09:10AM MW HUM 101
WEL 02/12/18 06/07/18 09:30AM 10:55AM MW HUM 101
The above section is a web-enhanced class. Internet access is required.
Instructor: K. Kamerin

MUS-19 Music Appreciation 3 UNITS
Description: A broad survey of music in the Western world, including terminology for describing musical elements, forms, and styles. Organized to acquaint students with the roles of music and musicians in society and with representative musical selections through listening, reading, writing, and live performance. 54 hours lecture.
34380 Last day to add: 02/23/18
OL 02/12/18 06/07/18 06:07/18 ON LINE
The above section is an online class. Computer with Internet access required.
Instructor: I. Zubizarreta

MUS-19 Music Appreciation 3 UNITS
Description: A broad survey of music in the Western world, including terminology for describing musical elements, forms, and styles. Organized to acquaint students with the roles of music and musicians in society and with representative musical selections through listening, reading, writing, and live performance. 54 hours lecture.
34381 Last day to add: 02/23/18
WE 02/12/18 06/07/18 12:45PM 02:10PM MW THTR 101
The above section is a web-enhanced class. Internet access is required.
Instructor: E. Holt

MUS-19 Music Appreciation 3 UNITS
Description: A broad survey of music in the Western world, including terminology for describing musical elements, forms, and styles. Organized to acquaint students with the roles of music and musicians in society and with representative musical selections through listening, reading, writing, and live performance. 54 hours lecture.
34379 Last day to add: 02/26/18
WE 02/15/18 05/31/18 06:30PM 09:50PM TH IT 117
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: N. Pirozzi

MUS-23 History of Rock and Roll 3 UNITS
Description: A comprehensive study of rock and roll music from its origins to the present with emphasis on the historical, musical, and sociological influences. Study includes listening to music and identifying stylistic trends and influential artists. 54 hours lecture.
34383 Last day to add: 02/23/18
WE 02/12/18 06/07/18 02:00PM 03:25PM TTH ATEC 114
The above section is a web-enhanced class. Internet access is required.
Instructor: N. Pirozzi

MUS-30 Class Voice 1 UNIT
Description: Group study of vocal production, voice techniques, diction and interpretation. Opportunity provided for individual attention and performance. 54 hours laboratory.
34385 Last day to add: 02/23/18
WEL 02/12/18 06/07/18 02:00PM 03:25PM TTH THTR 204
The above section is a web-enhanced class. Internet access is required.
Instructor: N. Estes
MUS-32A  Class Piano I  1 UNIT
Description: This beginning course focuses on developing the skills needed for performing on piano, including reading from music notation, rhythm study, technique, expression, improvisation, harmonization, transposition, repertoire and style study. 54 hours laboratory.
34386  Last day to add: 02/23/18
WEL  02/12/18  06/07/18  12:45PM  02:10PM  MW  HUM 101
The above section is a web-enhanced class. Internet access is required.
Instructor: N Pirozzi

MUS-32B  Class Piano II  1 UNIT
Prerequisite: MUS-32A or the equivalent Description: Continuation of the skills studied in MUS 32A focusing on techniques needed for performing on piano, including playing select major and parallel minor scales, reading music on the grand staff, tapping rhythms, harmonizing melodies using simple accompaniments, transposing, and simple score reading. 54 hours laboratory.
34387  Last day to add: 02/23/18
WEL  02/12/18  06/07/18  02:30PM  03:55PM  MW  HUM 101
The above section is a web-enhanced class. Internet access is required.
Instructor: N Pirozzi

MUS-32C  Class Piano III  1 UNIT
Prerequisite: MUS-32B or the equivalent Description: Continuation of the skills studied in MUS 32B focusing on keyboard techniques required for playing major and minor scales, diatonic chord progressions, harmonizing melodies, transposing, accompanying, sight reading and performance of intermediate-level piano learning pieces. 54 hours laboratory.
34388  Last day to add: 02/23/18
WEL  02/12/18  06/07/18  02:30PM  03:55PM  MW  HUM 101
The above section is a web-enhanced class. Internet access is required.
Instructor: N Pirozzi

MUS-32D  Class Piano IV  1 UNIT
Prerequisite: MUS-32C or the equivalent Description: Culmination of keyboard skills previously studied focusing on increasing keyboard facility for playing major and minor scales and arpeggios, diatonic chord progressions, harmonizing melodies, modulating, transposing, accompanying, simple score reading, sight reading and performance of piano pieces from the standard classical piano teaching literature. 54 hours laboratory.
34389  Last day to add: 02/23/18
WEL  02/12/18  06/07/18  02:30PM  03:55PM  MW  HUM 101
The above section is a web-enhanced class. Internet access is required.
Instructor: N Pirozzi

MUS-37  Class Guitar  1 UNIT
Basic guitar playing skills including reading from music notation.
PREREQUISITE: None.
34390  Last day to add: 02/23/18
WEL  02/12/18  06/07/18  04:30PM  05:55PM  MW  THTR 204
The above section is a web-enhanced class. Internet access is required.
Instructor: B Palisip

MUS-38  Beginning Applied Music I  2 UNITS
Limitation on enrollment: Audition on or before the first class meeting Description: Vocal or instrumental instruction for students who are proficient performers and could benefit from individualized instruction as determined by audition. Each student must complete a minimum of 6.75 hours a week in a combination of individualized practice, lessons and concert attendance. Not designed for beginning students. May be taken a total of four times. 108 hours laboratory.
34391  Last day to add: 03/19/18
WEL  02/12/18  06/07/18
The above section is a web-enhanced class. Internet access is required. This course offers private study in voice, piano, guitar, bass, or drums. An audition is required. Mandatory meeting for information and to schedule an audition time: Thursday, February 15th, 12:50-1:50 in THTR 101. If you cannot come to the meeting, you must contact Professor Kamerin to schedule an audition. Deadline to schedule auditions is Tuesday, February 20th. All hours are to be arranged. In addition to 6 hours of concert reports, students are required to attend the Norco Music Lab for 6 hours per week. For information, contact the instructor at kim.kamerin@norcocollege.edu or 951-738-7703.
Instructor: K Kamerin

MUS-39  Applied Music I  3 UNITS
Limitation on enrollment: Audition on or before the first class meeting Corequisite: Enrollment in a two- or three-unit performance class. Description: Vocal or instrumental instruction for students who are proficient performers and could benefit from individualized instruction as determined by audition. Each student must complete 10.125 hours per week in a combination of individualized practice, lessons, concert attendance and individual performance. Not designed for beginning students. May be taken a total of four times. 162 hours laboratory.
34392  Last day to add: 03/19/18
WEL  02/12/18  06/07/18
The above section is a web-enhanced class. Internet access is required. This course offers private study in voice, piano, guitar, bass, or drums. An audition is required. A mandatory informational meeting, where you will schedule your audition time, will be held Thursday, February 15th, 12:50-1:50 in THTR 101. If you cannot come to the meeting, you must contact Professor Kamerin to schedule an audition. Deadline to schedule auditions is Tuesday, February 20th. All lesson times are to be arranged with your private instructor. In addition to 6 hours of concert attendance with reports, students are required to practice in the Norco Music Lab for 6 hours per week. For information, contact the instructor at kim.kamerin@norcocollege.edu or 951-738-7703.
Instructor: K Kamerin
MUS-41  Chamber Singers  2 UNITS
Limitation on enrollment: Audition on or before the first class meeting
Description: This course is for the study, rehearsal, and public performance of
literature for vocal chamber ensemble, with an emphasis on the development of
skills needed to perform within an ensemble. Different literature will be
studied each semester. Participation in public performances is required. May
be taken a total of four times. 108 hours laboratory. (TBA option)
34584  Last day to add: 03/14/18
WEL 02/12/18 06/07/18 11:15AM - 12:35PM MWF  THTR 204
The above section is a web-enhanced class and has additional laboratory hours to be arranged.
Internet access is required. In addition to the time spent in class, students are expected to perform
outside of class at various locations throughout the semester. All concert dates and times will be
listed on the class syllabus. Contact the instructor for additional information.
Instructor: K Kamerin

MUS-78  Beginning Applied Music II  2 UNITS
Limitation on enrollment: Audition on or before the first class meeting
Description: Advanced vocal or instrumental instruction for students who are
proficient performers and could benefit from individualized instruction as
determined by audition. Course includes individual lessons, supervised
practice, individual performance, and jury evaluations. Not designed for
beginning students. Course may be taken a total of four times. 108 hours
laboratory. (TBA option)
34395  Last day to add: 03/19/18
WEL 02/12/18 06/07/18
The above section is a web-enhanced class. Internet access is required. This course offers
private study in voice, piano, guitar, bass or drums. An audition is required. Mandatory
meeting for information and to schedule audition time: Thursday, February 15th, 12:50PM -
1:50PM in THTR 101. If you cannot come to the meeting, you must contact Professor Kamerin
to schedule an audition. The deadline to schedule auditions is Tuesday, February 20th. All
hours are to be arranged. In addition to 6 hours of concert reports, students are required to
attend the Norco Music Lab for 6 hours per week. For information, contact the instructor at
kim.kamerin@norcocollege.edu or call 951-738-7703.
Instructor: K Kamerin

MUS-79  Applied Music II  3 UNITS
Limitation on enrollment: Audition on or before the first class meeting.
Corequisite: Enrollment in a two-unit performance class. Description:
Advanced vocal or instrumental instruction for students who are proficient
performers and could benefit from individualized instruction as determined by
audition. Each student must complete 10.125 hours per week in a combination of
individualized practice, lessons, concert attendance and individual
performance. Not designed for beginning students. Course may be taken
a total of four times. 162 hours laboratory.
34396  Last day to add: 03/19/18
WEL 02/12/18 06/07/18
The above section is a web-enhanced class and has a 162-hour laboratory requirement to
be arranged. Internet access is required. This course offers private study in voice, piano,
guitar, bass or drums. An audition is required. A mandatory instructional meeting will be
held on Thursday, February 15th from 12:50PM - 1:50PM in THTR 101. If you cannot attend
the meeting, you must contact Professor Kamerin to schedule an audition. The deadline
to schedule auditions is Tuesday, February 20th. 9 hours of lessons and 9 hours of required
performance times are to be arranged with your instructor. In addition, students are required to
practice in the Norco music practice facilities for 9 hours each week. For additional information,
please email kim.kamerin@norcocollege.edu or call 951-738-7703.
Instructor: K Kamerin

MUS-89  Music of Multicultural America  3 UNITS
A comparative and integrative study of the multicultural musical styles of the
United States.
PREREQUISITE: None.
34397  Last day to add: 02/23/18
OL 02/12/18 06/07/18
The above section is an online class. Computer with Internet access required.
Instructor: J Zubizarreta

MUS-89H  Honors Music of Multicultural America  3 UNITS
Limitation on enrollment: Enrollment in the RCCD Honors Program
Description: An honors course that offers a comparative and integrative study
of the multicultural musical styles of the United States. Includes the musics of
Native Americans, European Americans, African Americans, Chicano/Latino
Americans, and Asian Americans, from their historical roots to the present.
Analysis of musical traditions from a technical and a cultural perspective; and
sequential development of listening and descriptive skills through a variety of
media including films, recordings, and computer-assisted instruction. Students
may not receive credit for both MUS-89 and MUS-89H. 54 hours lecture.
34585  Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:00AM - 09:25AM MW  STEM 125
The above section is a web-enhanced class. Internet access is required.
Instructor: B Bozonelos

MUS-93  The Business of Music  3 UNITS
An overview of the business side of performing, recording and publishing music.
PREREQUISITE: None.
34398  Last day to add: 02/23/18
WE 02/12/18 06/07/18 12:45PM - 02:10PM MW  IT 109
The above section is a web-enhanced class. Internet access is required.
Instructor: V Mixson

MUS-200  Music Work Experience  1 UNIT
Course is designed to coordinate the student's occupational on-the-job
training with related classroom instruction.
PREREQUISITE: None.
ADVISORY: Students should have paid or voluntary employment.
34693  Last day to add: 02/23/18
WRK 02/12/18 06/07/18
OL 02/12/18
The above section is an online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture, students are required to attend an orientation at Norco College the first week of the semester, dates and times will be posted in Blackboard. Students must also meet on-campus for an instructor conference and for final exams. Please see Blackboard for specific dates and times.
Instructor: Staff
PHILOSOPHY

PHI-10 Introduction to Philosophy 3 UNITS
Advisory: ENG-50 or ENG-80 Description: A survey and exploration of significant questions in the Western philosophical tradition. Questions are drawn from the various branches of philosophy: metaphysics, theory of knowledge, ethics, aesthetics, political philosophy and/or philosophy of religion. Students may not receive credit for both PHI-10 and PHI-10H. 54 hours lecture.
34401 Last day to add: 02/23/18
OL 02/12/18 06/07/18 ON LINE
The above section is an online class. Computer with Internet access required.
Instructor: J Sentmanat

PHI-10 Introduction to Philosophy 3 UNITS
Advisory: ENG-50 or ENG-80 Description: A survey and exploration of significant questions in the Western philosophical tradition. Questions are drawn from the various branches of philosophy: metaphysics, theory of knowledge, ethics, aesthetics, political philosophy and/or philosophy of religion. Students may not receive credit for both PHI-10 and PHI-10H. 54 hours lecture.
34402 Last day to add: 03/07/18
WE 02/24/18 06/02/18 08:00AM 11:35AM S IT 117
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: J Gill

PHI-10 Introduction to Philosophy 3 UNITS
Advisory: ENG-50 or ENG-80 Description: A survey and exploration of significant questions in the Western philosophical tradition. Questions are drawn from the various branches of philosophy: metaphysics, theory of knowledge, ethics, aesthetics, political philosophy and/or philosophy of religion. Students may not receive credit for both PHI-10 and PHI-10H. 54 hours lecture.
34400 Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:45AM 10:10AM MW LIBR 108
The above section is a web-enhanced class. Internet access is required.
Instructor: J Sentmanat

PHI-10 Introduction to Philosophy 3 UNITS
Advisory: ENG-50 or ENG-80 Description: A survey and exploration of significant questions in the Western philosophical tradition. Questions are drawn from the various branches of philosophy: metaphysics, theory of knowledge, ethics, aesthetics, political philosophy and/or philosophy of religion. Students may not receive credit for both PHI-10 and PHI-10H. 54 hours lecture.
34404 Last day to add: 02/23/18
WE 02/12/18 06/07/18 12:05PM 01:30PM MW WEQ W3
The above section is a web-enhanced class. Internet access is required.
Instructor: J Sentmanat

PHI-10 Introduction to Philosophy 3 UNITS
Advisory: ENG-50 or ENG-80 Description: A survey and exploration of significant questions in the Western philosophical tradition. Questions are drawn from the various branches of philosophy: metaphysics, theory of knowledge, ethics, aesthetics, political philosophy and/or philosophy of religion. Students may not receive credit for both PHI-10 and PHI-10H. 54 hours lecture.
34399 Last day to add: 02/23/18
WE 02/12/18 06/07/18 02:30PM 03:55PM MW ATEC 204
The above section is a web-enhanced class. Internet access is required.
Instructor: J Sentmanat

PHI-10 Introduction to Philosophy 3 UNITS
Advisory: ENG-50 or ENG-80 Description: A survey and exploration of significant questions in the Western philosophical tradition. Questions are drawn from the various branches of philosophy: metaphysics, theory of knowledge, ethics, aesthetics, political philosophy and/or philosophy of religion. Students may not receive credit for both PHI-10 and PHI-10H. 54 hours lecture.
34403 Last day to add: 02/23/18
WE 02/12/18 06/07/18 06:00PM 09:10PM W IT 117
The above section is a web-enhanced class. Internet access is required.
Instructor: J Gill

PHI-11 Critical Thinking 3 UNITS
Advisory: REA-82 Description: This course presents critical thinking as a skill to be used for better understanding, evaluating, and constructing arguments. The focus will be on developing and enhancing the student’s ability to identify, analyze, and present arguments. Topics covered through analysis and writing include the nature of argument, inductive and deductive reasoning, rhetoric, theory of knowledge, scientific method, and informal fallacies. 54 hours lecture.
34405 Last day to add: 02/23/18
OL 02/12/18 06/07/18 ON LINE
The above section is an online class. Computer with Internet access required.
Instructor: L Montes

PHI-11 Critical Thinking 3 UNITS
Advisory: REA-82 Description: This course presents critical thinking as a skill to be used for better understanding, evaluating, and constructing arguments. The focus will be on developing and enhancing the student’s ability to identify, analyze, and present arguments. Topics covered through analysis and writing include the nature of argument, inductive and deductive reasoning, rhetoric, theory of knowledge, scientific method, and informal fallacies. 54 hours lecture.
34406 Last day to add: 02/23/18
WE 02/12/18 06/07/18 10:30AM 11:55AM MW WEQ W5
The above section is a web-enhanced class. Internet access is required.
Instructor: M Murphey

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PHI-11 Critical Thinking 3 UNITS
Advisory: REA-82 Description: This course presents critical thinking as a skill to be used for better understanding, evaluating, and constructing arguments. The focus will be on developing and enhancing the student’s ability to identify, analyze, and present arguments. Topics covered through analysis and writing include the nature of argument, inductive and deductive reasoning, rhetoric, theory of knowledge, scientific method, and informal fallacies. 54 hours lecture.
34407 Last day to add: 03/06/18
WE 02/23/18 06/01/18 10:30AM 02:35PM F ATEC 205
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: T Farmer

PHI-12 Ethics: Contemp Moral Issues 3 UNITS
An examination of contemporary moral problems in light of ethical theory. PREREQUISITE: None.
34408 Last day to add: 02/23/18
WE 02/12/18 06/07/18 09:40AM 11:05AM TTH ATEC 211
The above section is a web-enhanced class. Internet access is required.
Instructor: J Sentmanat

PHI-32 Introduction to Symbolic Logic 3 UNITS
Principles of deductive reasoning applying modern symbolic techniques. (Same as MAT-32)
PREREQUISITE: None. LIMITATION ON ENROLLMENT: May not be taken if credit for MAT-32 has been granted.
34409 Last day to add: 02/23/18
WE 02/12/18 06/07/18 12:35PM 02:10PM MW HUM 102
The above section is a web-enhanced class. Internet access is required.
Instructor: M Murphey

PHI-33 Introduction to Social and Political Philosophy 3 UNITS
Advisory: Qualification for ENG 1A Description: An introduction to issues in social and political philosophy. Discusses both the development of political philosophy in response to varying historical problems and the application of political philosophy to contemporary issues; topics studied include ancient Greek, social contract, communism, and modern political philosophy. 54 hours lecture.
34410 Last day to add: 02/23/18
WE 02/12/18 06/07/18 11:15AM 12:40PM TTH LIBR 109
The above section is a web-enhanced class. Internet access is required.
Instructor: J Sentmanat

PHI-20 Introduction to Digital Photography 3 UNITS
Description: Theory and practice in the basic techniques of producing digital photographs with technical and artistic merit. Acquire competency in the use of cameras with an emphasis on understanding the relationship of shutter, aperture and focal length. Software utilized may include Adobe Photoshop, Adobe Lightroom and others. Students are required to supply their own digital single lens reflex (SLR) camera with manual controls. 36 hours lecture and 54 hours laboratory.
34610 Last day to add: 03/06/18
WE 02/23/18 06/01/18 08:00AM 10:30AM F ATEC 109
WEL 02/23/18 06/01/18 10:40AM 03:55PM F ATEC 109
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: B May

PHYSICAL SCIENCE

PHS-1 Introduction to Physical Science 3 UNITS
Description: Fundamental concepts of earth, space, and environmental science (astronomy, geology, meteorology, and oceanography) and principles of physics and chemistry, especially as they relate to these fields. Emphasis is placed on the application of science in the understanding and solution of environmental problems. 54 hours lecture.
34411 Last day to add: 02/23/18
LEC 02/12/18 06/07/18 08:00AM 09:25AM TTH HUM 201
Instructor: D Johnson

PHS-1 Introduction to Physical Science 3 UNITS
Description: Fundamental concepts of earth, space, and environmental science (astronomy, geology, meteorology, and oceanography) and principles of physics and chemistry, especially as they relate to these fields. Emphasis is placed on the application of science in the understanding and solution of environmental problems. 54 hours lecture.
34412 Last day to add: 02/23/18
LEC 02/12/18 06/07/18 04:15PM 05:40PM MW IT 117
Instructor: D Johnson
PHYSICS

PHY-2A  General Physics I  4 UNITS
Corequisite: MAT-1A Description: Meets the requirements for students majoring in biological science, including pre-medical and pre-dental students. This course examines: properties of matter; study of kinematics and mechanics, including Newton's laws, energy, momentum, and rotational motion; fluid mechanics; gravitation; study of oscillatory motion; study of wave motion, including sound waves. 54 hours lecture and 54 hours laboratory.
34416  Last day to add: 02/23/18
WE  02/12/18  06/07/18  11:15AM  12:40PM  TTH  HUM 201
WEL  02/12/18  06/07/18  02:00PM  05:10PM  TH  HUM 201
The above section is a web-enhanced class. Internet access is required.
Instructor: O Tripathi

PHY-4A  Mechanics  4 UNITS
Corequisite: MAT-1A Description: Examines vectors, particle kinematics and dynamics, work and power, conservation of energy and momentum, rotation, oscillations and gravitation. 54 hours lecture and 54 hours laboratory.
34417  Last day to add: 02/23/18
WE  02/12/18  06/07/18  08:45AM  10:10AM  MW  HUM 201
WEL  02/12/18  06/07/18  01:00PM  04:10PM  W  HUM 201
The above section is a web-enhanced class. Internet access is required.
Instructor: P Tran

PHY-4B  Electricity and Magnetism  4 UNITS
Prerequisite: PHY-4A Corequisite: MAT-1B Description: Study of electric fields, voltage, current, magnetic fields, electromagnetic induction, alternating currents and electromagnetic waves. 54 hours lecture and 54 hours laboratory.
34419  Last day to add: 02/23/18
WE  02/12/18  06/07/18  10:30AM  11:55AM  MW  HUM 201
WEL  02/12/18  06/07/18  01:00PM  04:10PM  M  HUM 201
The above section is a web-enhanced class. Internet access is required.
Instructor: L Daniels

PHY-10  Introduction to General Physics  3 UNITS
Prerequisite: MAT-52 Description: A non-science major physics course covering mechanics, properties of matter, heat, sound, light, electricity and magnetism, and nuclear physics. 54 hours lecture.
34413  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  02:30PM  03:55PM  TTH  ST 108
Instructor: L Daniels

PHY-11  Physics Laboratory  1 UNIT
Corequisite: PHY-10 Description: An optional laboratory science course for the non-science major. Emphasis on laboratory techniques, student experimentation and laboratory demonstrations. 54 hours laboratory.
34415  Last day to add: 02/26/18
LAB  02/15/18  05/31/18  06:00PM  09:20PM  TH  HUM 201
The above section is a short term class. Please note the start and end dates.
Instructor: C MacDougall

POLITICAL SCIENCE

POL-1  American Politics  3 UNITS
Advisory: REA-83 and qualification for ENG-1A Description: An introduction to United States and California government and politics, including their constitutions, political institutions and processes, and political actors. Examination of political behavior, political issues, and public policy. Students may not receive credit for both POL-1 and POL-1H. 54 hours lecture.
34425  Last day to add: 02/23/18
OL  02/12/18  06/07/18  ON LINE
The above section is an online class. Computer with Internet access required.
Instructor: S Popiden

POL-1  American Politics  3 UNITS
Advisory: REA-83 and qualification for ENG-1A Description: An introduction to United States and California government and politics, including their constitutions, political institutions and processes, and political actors. Examination of political behavior, political issues, and public policy. Students may not receive credit for both POL-1 and POL-1H. 54 hours lecture.
34426  Last day to add: 02/23/18
OL  02/12/18  06/07/18  ON LINE
The above section is an online class. Computer with Internet access required.
Instructor: S Popiden

POL-1  American Politics  3 UNITS
Advisory: REA-83 and qualification for ENG-1A Description: An introduction to United States and California government and politics, including their constitutions, political institutions and processes, and political actors. Examination of political behavior, political issues, and public policy. Students may not receive credit for both POL-1 and POL-1H. 54 hours lecture.
34434  Last day to add: 02/23/18
OL  02/12/18  06/07/18  ON LINE
The above section is an online class. Computer with Internet access required.
Instructor: R Madrid
POL-1 American Politics 3 UNITS
Advisory: REA-83 and qualification for ENG-1A Description: An introduction to United States and California government and politics, including their constitutions, political institutions and processes, and political actors. Examination of political behavior, political issues, and public policy. Students may not receive credit for both POL-1 and POL-1H. 54 hours lecture.

**HYB 02/12/18 06/07/18 08:00AM 09:25AM TTH IT 122**
The above section is a web-enhanced class. Internet access is required.
Instructor: R Brown

POL-1 American Politics 3 UNITS
Advisory: REA-83 and qualification for ENG-1A Description: An introduction to United States and California government and politics, including their constitutions, political institutions and processes, and political actors. Examination of political behavior, political issues, and public policy. Students may not receive credit for both POL-1 and POL-1H. 54 hours lecture.

**HYB 02/15/18 05/31/18 02:00PM 03:25PM TH WEQ W3**
HYBO 02/15/18 05/31/18
ON LINE
The above section is a short term hybrid class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.
Instructor: S Popiden

POL-1 American Politics 3 UNITS
Advisory: REA-83 and qualification for ENG-1A Description: An introduction to United States and California government and politics, including their constitutions, political institutions and processes, and political actors. Examination of political behavior, political issues, and public policy. Students may not receive credit for both POL-1 and POL-1H. 54 hours lecture.

**HYB 02/12/18 06/07/18 04:15PM 05:40PM MW ATEC 211**
The above section is a web-enhanced class. Internet access is required.
Instructor: C Samuels

POL-1 American Politics 3 UNITS
Advisory: REA-83 and qualification for ENG-1A Description: An introduction to United States and California government and politics, including their constitutions, political institutions and processes, and political actors. Examination of political behavior, political issues, and public policy. Students may not receive credit for both POL-1 and POL-1H. 54 hours lecture.

**HYB 02/15/18 05/31/18 02:00PM 03:25PM TH WEQ W3**
HYBO 02/15/18 05/31/18
ON LINE
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.
Instructor: R Brown

POL-1 American Politics 3 UNITS
Advisory: REA-83 and qualification for ENG-1A Description: An introduction to United States and California government and politics, including their constitutions, political institutions and processes, and political actors. Examination of political behavior, political issues, and public policy. Students may not receive credit for both POL-1 and POL-1H. 54 hours lecture.

**HYB 02/12/18 06/07/18 04:15PM 05:40PM MW IT 122**
The above section is a web-enhanced class. Internet access is required.
Instructor: S Popiden

POL-1 American Politics 3 UNITS
Advisory: REA-83 and qualification for ENG-1A Description: An introduction to United States and California government and politics, including their constitutions, political institutions and processes, and political actors. Examination of political behavior, political issues, and public policy. Students may not receive credit for both POL-1 and POL-1H. 54 hours lecture.

**HYB 02/15/18 05/31/18 02:00PM 03:25PM TH WEQ W3**
HYBO 02/15/18 05/31/18
ON LINE
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.
Instructor: R Brown

POL-1 American Politics 3 UNITS
Advisory: REA-83 and qualification for ENG-1A Description: An introduction to United States and California government and politics, including their constitutions, political institutions and processes, and political actors. Examination of political behavior, political issues, and public policy. Students may not receive credit for both POL-1 and POL-1H. 54 hours lecture.

**HYB 02/12/18 06/07/18 04:15PM 05:40PM MW IT 122**
The above section is a web-enhanced class. Internet access is required.
Instructor: R Madrid

POL-1 American Politics 3 UNITS
Advisory: REA-83 and qualification for ENG-1A Description: An introduction to United States and California government and politics, including their constitutions, political institutions and processes, and political actors. Examination of political behavior, political issues, and public policy. Students may not receive credit for both POL-1 and POL-1H. 54 hours lecture.

**HYB 02/12/18 06/07/18 06:00PM 09:10PM M WEQ W6**
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.
Instructor: R Madrid

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POL-1 American Politics 3 UNITS
Advisory: REA-83 and qualification for ENG-1A Description: An introduction to United States and California government and politics, including their constitutions, political institutions and processes, and political actors. Examination of political behavior, political issues, and public policy. Students may not receive credit for both POL-1 and POL-1H. 54 hours lecture.
34422 Last day to add: 02/26/18
WE 02/15/18 05/31/18 06:00PM 09:20PM TH STEM 201
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: E Kehlenbach

POL-4H Honors Introduction to World Politics 3 UNITS
Advisory: REA-83 and Qualification for ENG-1A Limitation on enrollment: Enrollment in the Honors Program Description: A study of the theories, paradigms, and issues of global politics. Special attention is given to the role of the United States in the international community, the role of international organizations and international political economy. This honors course offers an enriched experience for accelerated students by means of limited class size, seminar format, student-generated and-led discussions and projects, a focus on primary texts in translation, and the applications of higher-level thinking and writing skills analysis, synthesis, and evaluation. Students may not receive credit for both POL-4 and POL-4H. 54 hours lecture.
34549 Last day to add: 02/23/18
WE 02/12/18 06/07/18 11:15AM 12:40PM TTH STEM 125
The above section is a web-enhanced class. Internet access is required.
Instructor: S Popiden

POL-5 The Law and Politics 3 UNITS
Advisory: REA-83 and qualification for English 1A Description: The principles and problems of the constitution are examined, with emphasis on how the constitution impacts public policy. Also, the course looks at the constitutional considerations affecting civil rights and liberties. 54 hours lecture.
34548 Last day to add: 02/23/18
WE 02/12/18 06/07/18 11:15AM 12:40PM TTH IT 122
The above section is a web-enhanced class. Internet access is required.
Instructor: C Samuels

POL-11 Political Theory 3 UNITS
Advisory: REA-83 and qualification for English 1A Description: This course will examine the major contributions of political thinkers from Socrates to the present. Political concepts such as democracy, the rule of law, justice, natural rights, sovereignty, citizenship, power, the state, revolution, liberty, reason, materialism, toleration, and the place of religion in society and politics are traced from their origins, through their development and changing patterns, to show how they influence political thinking and institutions today. 54 hours lecture.
34550 Last day to add: 02/23/18
WE 02/12/18 06/07/18 02:00PM 03:25PM TTH IT 122
The above section is a web-enhanced class. Internet access is required.
Instructor: C Samuels

PSYCHOLOGY

PSY-1 General Psychology 3 UNITS
Survey of scientific study of behavior and mental processes, including learning, emotion, motivation, emotional problems and therapy.
PREREQUISITE: None.
34440 Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:00AM 09:25AM TTH IT 117
OL 02/12/18 06/07/18 ON LINE
The above section is an online class. Computer with Internet access required. See www.opencampus.com.
Instructor: L Adams

PSY-1 General Psychology 3 UNITS
Survey of scientific study of behavior and mental processes, including learning, emotion, motivation, emotional problems and therapy.
PREREQUISITE: None.
34439 Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:00AM 09:25AM TTH IT 122
The above section is a web-enhanced class. Internet access is required.
Instructor: C Samuels

PSY-1 General Psychology 3 UNITS
Survey of scientific study of behavior and mental processes, including learning, emotion, motivation, emotional problems and therapy.
PREREQUISITE: None.
34443 Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:00AM 09:25AM TTH IT 121
The above section is a web-enhanced class. Internet access is required.
Instructor: C Samuels

PSY-1 General Psychology 3 UNITS
Survey of scientific study of behavior and mental processes, including learning, emotion, motivation, emotional problems and therapy.
PREREQUISITE: None.
34443 Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:00AM 09:25AM TTH IT 122
The above section is a web-enhanced class. Internet access is required.
Instructor: C Samuels

PSY-1 General Psychology 3 UNITS
Survey of scientific study of behavior and mental processes, including learning, emotion, motivation, emotional problems and therapy.
PREREQUISITE: None.
34442 Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:45AM 10:10AM MW ATEC 114
The above section is a web-enhanced class. Internet access is required.
Instructor: L Adams

PSY-1 General Psychology 3 UNITS
Survey of scientific study of behavior and mental processes, including learning, emotion, motivation, emotional problems and therapy.
PREREQUISITE: None.
34441 Last day to add: 02/23/18
WE 02/12/18 06/07/18 10:30AM 11:55AM MW IT 117
The above section is a web-enhanced class. Internet access is required.
Instructor: H Alvarado
PSY-1 General Psychology 3 UNITS
Survey of scientific study of behavior and mental processes, including learning, emotion, motivation, emotional problems and therapy.
PREREQUISITE: None.

34438 Last day to add: 02/23/18
WE 02/12/18 06/07/18 12:45PM 02:10PM MW ATEC 204
The above section is a web-enhanced class. Internet access is required.
Instructor: H Alvarado

PSY-2 Biological Psychology 3 UNITS
Prerequisite: PSY-1 Description: The scientific study of brain-behavior relationships and mental processes. Issues addressed include: historical scientific contributions and current research principles for studying brain-behavior associations and mental processes, basic nervous system structure and function, sensory and motor systems, emotion, motivation, learning and memory, sleep and dreaming, and neurological and mental disorders. Ethical standards for human and animal research are discussed in the context of both invasive and non-invasive experimental investigations. 54 hours lecture.

34447 Last day to add: 02/23/18
WE 02/12/18 06/07/18 09:40AM 11:05AM TTH IT 101
The above section is a web-enhanced class. Internet access is required.
Instructor: I Adams

PSY-8 Introduction to Social Psychology 3 UNITS
The study of individual human behavior in relation to the social environment. PREREQUISITE: None.

34452 Last day to add: 02/23/18
WE 02/12/18 06/07/18 04:15PM 05:40PM TTH ATEC 119
The above section is a web-enhanced class. Internet access is required.
Instructor: K Zamiska

PSY-9 Developmental Psychology 3 UNITS
Description: This course examines the biological, social and environmental variable of human life-span development in the physical, cognitive, and psychosocial domains. Theory, research, and application of life span relevant material in psychology are presented. 54 hours lecture.

34551 Last day to add: 02/23/18
OL 02/12/18 06/07/18 ON LINE
The above section is an online class. Computer with Internet access required. See www.opencampus.com.
Instructor: K Zamiska

PSY-9 Developmental Psychology 3 UNITS
Description: This course examines the biological, social and environmental variable of human life-span development in the physical, cognitive, and psychosocial domains. Theory, research, and application of life span relevant material in psychology are presented. 54 hours lecture.

34447 Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:00AM 09:25AM TTH IT 101
The study of individual human behavior in relation to the social environment. PREREQUISITE: None.

Instructor: L Adams

PSY-9 Developmental Psychology 3 UNITS
Description: This course examines the biological, social and environmental variable of human life-span development in the physical, cognitive, and psychosocial domains. Theory, research, and application of life span relevant material in psychology are presented. 54 hours lecture.

34452 Last day to add: 02/23/18
WE 02/12/18 06/07/18 04:15PM 05:40PM TTH ATEC 119
The above section is a web-enhanced class. Internet access is required.
Instructor: K Zamiska

PSY-9 Developmental Psychology 3 UNITS
Description: This course examines the biological, social and environmental variable of human life-span development in the physical, cognitive, and psychosocial domains. Theory, research, and application of life span relevant material in psychology are presented. 54 hours lecture.
**PSY-9 Developmental Psychology** 3 UNITS  
**Description:** This course examines the biological, social and environmental variable of human life-span development in the physical, cognitive, and psychosocial domains. Theory, research, and application of life span relevant material in psychology are presented. 54 hours lecture.

**34455 Last day to add: 02/23/18**  
**WE** 02/12/18 06/07/18 10:30AM 11:55AM MW WEQW6

The above section is a web-enhanced class. Internet access is required.  
**Instructor:** N Hightower

**PSY-9 Developmental Psychology** 3 UNITS  
**Description:** This course examines the biological, social and environmental variable of human life-span development in the physical, cognitive, and psychosocial domains. Theory, research, and application of life span relevant material in psychology are presented. 54 hours lecture.

**34457 Last day to add: 02/23/18**  
**WE** 02/12/18 06/07/18 11:15AM 12:40PM TTH ATEC 205

The above section is a web-enhanced class. Internet access is required.  
**Instructor:** J Hicks

**PSY-9 Developmental Psychology** 3 UNITS  
**Description:** This course examines the biological, social and environmental variable of human life-span development in the physical, cognitive, and psychosocial domains. Theory, research, and application of life span relevant material in psychology are presented. 54 hours lecture.

**34457 Last day to add: 02/23/18**  
**WE** 02/12/18 06/07/18 02:30PM 03:55PM MW WEQW7

The above section is a web-enhanced class. Internet access is required.  
**Instructor:** K Zamiska

**PSY-35 Abnormal Psychology** 3 UNITS  
A survey of the nature, causes and treatment of psychological disorder. PREREQUISITE: None.

**34448 Last day to add: 02/23/18**  
**WE** 02/12/18 06/07/18 02:00PM 03:25PM TTH STEM 201

The above section is a web-enhanced class. Internet access is required.  
**Instructor:** M Sloniger

**PSY-50 Research Methods in Psychology** 4 UNITS  
Prerequisite: PSY-1 and MAT-12 or MAT-12H Description: This course introduces students to psychological research methods with emphasis on the use of the scientific method. The laboratory will complement the lectures and allow each student to design and conduct behavioral research, including collecting and analyzing research data. 63 hours lecture and 27 hours laboratory.

**34451 Last day to add: 02/23/18**  
**WE** 02/12/18 06/07/18 12:45PM 02:35PM MW STEM 125  
**WEL** 02/12/18 06/07/18 10:45AM 12:10PM M CACT 2

The above section is a web-enhanced class. Internet access is required.  
**Instructor:** K Zamiska

**PSY-50 Research Methods in Psychology** 4 UNITS  
Prerequisite: PSY-1 and MAT-12 or MAT-12H Description: This course introduces students to psychological research methods with emphasis on the use of the scientific method. The laboratory will complement the lectures and allow each student to design and conduct behavioral research, including collecting and analyzing research data. 63 hours lecture and 27 hours laboratory.

**34449 Last day to add: 02/23/18**  
**WE** 02/12/18 06/07/18 10:45AM 12:10PM W CACT 2

The above section is a web-enhanced class. Internet access is required.  
**Instructor:** K Zamiska

**READING**  

**REA-81 Foundations for College Reading** 3.50 UNITS  
Instruction in basic reading skills, along with individually prescribed practice work in a wide range of materials. (Non-degree credit course.) PREREQUISITE: None.

**34461 Last day to add: 02/23/18**  
**LEC** 02/12/18 06/07/18 08:15AM 09:40AM TTH LIBR 110  
**LAB** 02/12/18 06/07/18 07:00AM 07:50AM T LIBR 110  
**LAB2** 02/12/18 06/07/18 07:00AM 08:05AM TH LIBR 110

Designated laboratory hours are included in the meeting times for this class.  
**Instructor:** M Sloniger

**REA-81 Foundations for College Reading** 3.50 UNITS  
Instruction in basic reading skills, along with individually prescribed practice work in a wide range of materials. (Non-degree credit course.) PREREQUISITE: None.

**34460 Last day to add: 02/23/18**  
**LEC** 02/12/18 06/07/18 11:15AM 12:40PM TTH LIBR 110  
**LAB** 02/12/18 06/07/18 10:00AM 10:50AM T LIBR 110  
**LAB2** 02/12/18 06/07/18 10:00AM 11:05AM TH LIBR 110

Designated laboratory hours are included in the meeting times for this class.  
**Instructor:** M Sloniger

**REA-82 College Reading and Strategies** 3.50 UNITS  
Prerequisite: REA-81 or qualifying placement level Description: Intended for students who experience significant difficulty in reading college-level materials. Instruction in reading skills at a less basic level than that required in Reading 81, along with individually prescribed practice work, in which a wide range of materials will be utilized. 54 hours lecture and 36 hours laboratory. (Non-degree credit course. Letter Grade, or Pass/No Pass Option.)

**34465 Last day to add: 02/23/18**  
**LEC** 02/12/18 06/07/18 08:30AM 09:55AM MW LIBR 110  
**LAB** 02/12/18 06/07/18 07:15AM 08:05AM M LIBR 110  
**LAB2** 02/12/18 06/07/18 07:15AM 08:20AM W LIBR 110

Designated laboratory hours are included in the meeting times for this class.  
**Instructor:** M Sloniger
REAL ESTATE

REA-82  College Reading and Strategies  3.50 UNITS
Prerequisite: REA-81 or qualifying placement level
Description: Intended for students who experience significant difficulty in reading college-level materials. Instruction in reading skills at a less basic level than that required in Reading 81, along with individually prescribed practice work, in which a wide range of materials will be utilized. 54 hours lecture and 36 hours laboratory. (Non-degree credit course. Letter Grade, or Pass/No Pass Option.)

34464  Last day to add: 02/23/18
LEC 02/12/18 06/07/18 11:45AM 01:10PM MW LIBR 110
LAB 02/12/18 06/07/18 10:30AM 11:20AM M LIBR 110
LAB2 02/12/18 06/07/18 10:30AM 11:35AM W LIBR 110
Designated laboratory hours are included in the meeting times for this class.
Instructor: M Sloniger

REA-83  College Reading and Thinking  3 UNITS
Prerequisite: REA-82 or ESL-73 or qualifying placement level
Description: Intended for students who experience moderate difficulty in reading college-level material. Instruction in reading skills at a more advanced level than those covered in REA-82. 54 hours lecture. (Non-degree credit course. Letter Grade or Pass/No Pass option.)

34466  Last day to add: 02/23/18
OL 02/12/18 06/07/18  ON LINE
The above section is an online class. Computer with Internet access required. See www.opencampus.com.
Instructor: P Van Osterhoudt

REA-83  College Reading and Thinking  3 UNITS
Prerequisite: REA-82 or ESL-73 or qualifying placement level
Description: Intended for students who experience moderate difficulty in reading college-level material. Instruction in reading skills at a more advanced level than those covered in REA-82. 54 hours lecture. (Non-degree credit course. Letter Grade or Pass/No Pass option.)

34467  Last day to add: 02/23/18
LEC 02/12/18 06/07/18 06:00PM 09:10PM W JFK 220
Instructor: M Alvarez

REAL ESTATE

RLE-80  Real Estate Principles  3 UNITS
Comprehensive analysis of basic laws, principles, terminology and current practices of California real estate.
PREREQUISITE: None.

34469  Last day to add: 04/24/18
OL 04/16/18 06/07/18  ON LINE
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.
Instructor: L Namazi

RLE-80  Real Estate Principles  3 UNITS
Comprehensive analysis of basic laws, principles, terminology and current practices of California real estate.
PREREQUISITE: None.

34470  Last day to add: 02/23/18
HYB 02/12/18 06/07/18 06:00PM 07:25PM M IT 109
HYBO 02/12/18 06/07/18  ON LINE
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.
Instructor: C Barsam

RLE-81  Real Estate Practices  3 UNITS
Description: Covers basic laws and principles of California real estate, terminology and daily operations in a real estate brokerage. Includes listing, prospecting, advertising, financing, sales techniques, escrow and ethics. Applies toward state's educational requirements for the brokers examination. 54 hours lecture.

34471  Last day to add: 02/20/18
OL 02/12/18 04/08/18  ON LINE
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.
Instructor: T Wagner

RLE-81  Real Estate Practices  3 UNITS
Description: Covers basic laws and principles of California real estate, terminology and daily operations in a real estate brokerage. Includes listing, prospecting, advertising, financing, sales techniques, escrow and ethics. Applies toward state's educational requirements for the brokers examination. 54 hours lecture.

34472  Last day to add: 04/24/18
OL 04/16/18 06/07/18  ON LINE
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.
Instructor: T Wagner
RLE-82  Legal Aspects of Real Estate  3 UNITS
Description: California real estate law, including rights incident to property ownership and management, agency, contracts, and application to real estate transfer, conveyance, probate proceedings, trust deeds, and foreclosure, as well as recent legislation governing real estate transactions. Applies toward educational requirement of brokers examination. 54 hours lecture.
34473  Last day to add: 02/20/18
OL  02/12/18  04/08/18  ON LINE
The above section is a short term online class. Computer with Internet access required.
See www.opencampus.com. Please note the start and end dates.
Instructor: T Wagner

RLE-83  Legal Aspects of Real Estate  3 UNITS
Description: California real estate law, including rights incident to property ownership and management, agency, contracts, and application to real estate transfer, conveyance, probate proceedings, trust deeds, and foreclosure, as well as recent legislation governing real estate transactions. Applies toward educational requirement of brokers examination. 54 hours lecture.
34474  Last day to add: 04/24/18
OL  04/16/18  06/07/18  ON LINE
The above section is a short term online class. Computer with Internet access required.
See www.opencampus.com. Please note the start and end dates.
Instructor: T Wagner

RLE-82  Real Estate Finance  3 UNITS
Analysis of real estate finance in residential, apartment, commercial and special purpose properties.
PREREQUISITE: None.
34475  Last day to add: 02/20/18
OL  02/12/18  04/08/18  ON LINE
The above section is a short term online class. Computer with Internet access required.
See www.opencampus.com. Please note the start and end dates.
Instructor: T Wagner

RLE-83  Real Estate Finance  3 UNITS
Analysis of real estate finance in residential, apartment, commercial and special purpose properties.
PREREQUISITE: None.
34476  Last day to add: 04/24/18
OL  04/16/18  06/07/18  ON LINE
The above section is a short term online class. Computer with Internet access required.
See www.opencampus.com. Please note the start and end dates.
Instructor: T Wagner

RLE-85  Real Estate Economics  3 UNITS
Description: Trends and factors affecting the value of real estate; the nature and classification of land economics; the development of property, construction and subdivision, economic values and real estate evaluation; real estate cycles and business fluctuations, residential market trends, real and special purpose property trends. 54 hours lecture.
34477  Last day to add: 04/24/18
OL  04/16/18  06/07/18  ON LINE
The above section is a short term online class. Computer with Internet access required.
See www.opencampus.com. Please note the start and end dates.
Instructor: S Doll

SOCIOLOGY

SOC-1  Introduction to Sociology  3 UNITS
Advisory: ENG-50 Description: An introduction to the basic concepts relating to the study of society. The course includes investigation into the foundations of sociology including its overall perspective, theoretical orientations, and research methodology; the foundations of social life including the components of culture, social interaction and the process of socialization, groups, organizations, and deviance; economic social inequality based upon class, race, sex, and age; social institutions; and dimensions of social change. Students may not receive credit for both SOC-1 and 1H. 54 hours lecture
34481  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  07:10AM  08:35AM  MW  WEQW7
Instructor: K Andacheh

SOC-1  Introduction to Sociology  3 UNITS
Advisory: ENG-50 Description: An introduction to the basic concepts relating to the study of society. The course includes investigation into the foundations of sociology including its overall perspective, theoretical orientations, and research methodology; the foundations of social life including the components of culture, social interaction and the process of socialization, groups, organizations, and deviance; economic social inequality based upon class, race, sex, and age; social institutions; and dimensions of social change. Students may not receive credit for both SOC-1 and 1H. 54 hours lecture
34483  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  08:00AM  09:25AM  THH  ATEC 114
Instructor: K Andacheh

SOC-1  Introduction to Sociology  3 UNITS
Advisory: ENG-50 Description: An introduction to the basic concepts relating to the study of society. The course includes investigation into the foundations of sociology including its overall perspective, theoretical orientations, and research methodology; the foundations of social life including the components of culture, social interaction and the process of socialization, groups, organizations, and deviance; economic social inequality based upon class, race, sex, and age; social institutions; and dimensions of social change. Students may not receive credit for both SOC-1 and 1H. 54 hours lecture
34489  Last day to add: 03/07/18
WE  02/24/18  06/02/18  08:00AM  11:35AM  S  HUM 111
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: M Chavez

SOC-1  Introduction to Sociology  3 UNITS
Advisory: ENG-50 Description: An introduction to the basic concepts relating to the study of society. The course includes investigation into the foundations of sociology including its overall perspective, theoretical orientations, and research methodology; the foundations of social life including the components of culture, social interaction and the process of socialization, groups, organizations, and deviance; economic social inequality based upon class, race, sex, and age; social institutions; and dimensions of social change. Students may not receive credit for both SOC-1 and 1H. 54 hours lecture
34482  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  08:45AM  10:10AM  MW  WEQW7
Instructor: K Andacheh
### SOC-1 Introduction to Sociology 3 UNITS

Advisory: ENG-50 Description: An introduction to the basic concepts relating to the study of society. The course includes investigation into the foundations of sociology including its overall perspective, theoretical orientations, and research methodology; the foundations of social life including the components of culture, social interaction and the process of socialization, groups, organizations, and deviance; economic social inequality based upon class, race, sex, and age; social institutions; and dimensions of social change. Students may not receive credit for both SOC-1 and 1H. 54 hours lecture.

<table>
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<tr>
<th>Section</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
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<td>02/12/18</td>
<td>06/07/18</td>
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SOC-1  Introduction to Sociology  3 UNITS
Advisory: ENG-50 Description: An introduction to the basic concepts relating to the study of society. The course includes investigation into the foundations of sociology including its overall perspective, theoretical orientations, and research methodology; the foundations of social life including the components of culture, social interaction and the process of socialization, groups, organizations, and deviance; economic social inequality based upon class, race, sex, and age; social institutions; and dimensions of social change. Students may not receive credit for both SOC-1 and 1H. 54 hours lecture
34485  Last day to add: 02/26/18
WE  02/15/18  05/31/18  06:00PM  09:20PM  TH  IT 101
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: J Hill

SOC-2  American Social Problems  3 UNITS
Description: Identification and analysis of major social problems confronting contemporary 20th century America; emphasizing, among other topics, urban and rural transformations, family life, minorities, criminal and delinquent behavior. 54 hours lecture.
34491  Last day to add: 02/23/18
WE  02/12/18  06/07/18  06:00PM  09:10PM  T  IT 109
The above section is a web-enhanced class. Internet access is required.
Instructor: J Hill

SOC-3  Social Inequality  3 UNITS
Description: This course introduces students to the extent of inequality in its various forms in American society, the consequences of inequality for individual life chances and for society as a whole, the theoretical explanations given for the existence of inequality, and to the persistence of inequality and poverty. 54 hours lecture.
34493  Last day to add: 02/23/18
LEC  02/12/18  06/07/18  11:15AM  12:40PM  TTH  ATEC 114
Instructor: K Andacheh

SOC-12  Marriage and Family Relations  3 UNITS
Advisory: SOC-1 and ENG-50 Description: Examines the major trends in marriage, families, and intimate relationships. Focuses on how inequality and diversity affect intimate and family relations. Discusses the dynamics of gender inequality among families and couples and how family life is shaped by race and ethnicity, social class, and sexuality. Discusses issues of interpersonal violence, divorce, and life in later years. 54 hours lecture.
34490  Last day to add: 02/23/18
WE  02/12/18  06/07/18  12:45PM  02:10PM  MW  WEQ W5
The above section is a web-enhanced class. Internet access is required.
Instructor: J Hill

SOC-20  Criminology  3 UNITS
A sociological analysis of crime, criminal law and criminality. PREREQUISITE: None.
34492  Last day to add: 02/23/18
WE  02/12/18  06/07/18  06:00PM  09:10PM  W  ATEC 204
The above section is a web-enhanced class. Internet access is required.
Instructor: J Hill

SPANISH

SPANISH PLACEMENT TESTING
The Spanish placement test measures competency levels for those who wish to enroll in Spanish courses but need to determine the appropriate starting level. The results show a recommendation of the appropriate Spanish class. Students can enroll in a level lower than their placement, but not higher. This placement test is intended for placement only, not for credit replacement. Once you have taken a Spanish class, you can no longer take the placement test. Placement tests are available by appointment only.

If you need to speak with someone directly, please call the Norco College Assessment Center (951) 372-7176

ENROLLMENT GUIDELINES
SPANISH
1. If you have taken Spanish in high school or in another college or university, you must have official transcripts on file and request evaluation of the course(s) in order to enroll above level 1.
2. If you have acquired knowledge of Spanish outside of a formal educational institution, you must file a matriculation appeals petition in order to enroll above level 1.

SPA-1  Spanish I  5 UNITS
Advisory: Completion of placement test to assess level of proficiency in Spanish. Description: This course concentrates on developing basic skills in listening, reading, speaking and writing. Emphasis is placed on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Spanish at the beginning level. This course includes discussion of Hispanic culture and daily life. Students may receive credit for only one of the following: SPA-1 or SPA-1H or SPA-1A and 1B. 90 hours lecture and 18 hours laboratory.(TBA option)(Letter Grade, or Pass/No Pass option.)
34497  Last day to add: 02/23/18
WE  02/12/18  06/07/18  08:00AM  11:10AM  W  LIBR 109
WE2  02/12/18  06/07/18  08:00AM  10:05AM  M  LIBR 121
WE3  02/12/18  06/07/18  10:15AM  11:05AM  M  LIBR 121
The above section is a web-enhanced class. Internet access is required.
Instructor: D Hitchcock

SPA-1  Spanish I  5 UNITS
Advisory: Completion of placement test to assess level of proficiency in Spanish. Description: This course concentrates on developing basic skills in listening, reading, speaking and writing. Emphasis is placed on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Spanish at the beginning level. This course includes discussion of Hispanic culture and daily life. Students may receive credit for only one of the following: SPA-1 or SPA-1H or SPA-1A and 1B. 90 hours lecture and 18 hours laboratory.(TBA option)(Letter Grade, or Pass/No Pass option.)
34494  Last day to add: 02/23/18
WE  02/12/18  06/07/18  08:00AM  11:10AM  TH  LIBR 109
WE2  02/12/18  06/07/18  08:00AM  10:05AM  T  LIBR 121
WE3  02/12/18  06/07/18  10:15AM  11:05AM  T  LIBR 121
The above section is a web-enhanced class. Internet access is required.
Instructor: A Covarrubias

HYB - Hybrid Lecture • HYBL - Hybrid Lab • HYBLO - Hybrid Online Lab • HYBO - Hybrid Online Lecture • LAB - Lab • LEC - Lecture • OL - Online Lecture • OLL - Online Lab
WE - Web Enhanced Lecture • WEL - Web Enhanced Lab • WRX - Work Experience Lecture • WRKH - Hybrid Work Experience • WRKX - Work Experience Online

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SPA-1  Spanish 1  5 UNITS
Advisory: Completion of placement test to assess level of proficiency in Spanish.
Description: This course concentrates on developing basic skills in listening, reading, speaking and writing. Emphasis is placed on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Spanish at the beginning level. This course includes discussion of Hispanic culture and daily life. Students may receive credit for only one of the following: SPA-1 or SPA-1H or SPA-1A and 1B. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)

34496  Last day to add: 03/06/18
HYB 02/23/18 06/01/18 08:00AM 11:15AM F LIBR 121
HYBO 02/23/18 06/01/18  ON LINE
HYBL 02/23/18 06/01/18 11:25AM 12:35PM F LIBR 121

The above section is a short term hybrid class. Computer with Internet access required.
Instructor: D Hitchcock

SPA-1  Spanish 1  5 UNITS
Advisory: Completion of placement test to assess level of proficiency in Spanish.
Description: This course concentrates on developing basic skills in listening, reading, speaking and writing. Emphasis is placed on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Spanish at the beginning level. This course includes discussion of Hispanic culture and daily life. Students may receive credit for only one of the following: SPA-1 or SPA-1H or SPA-1A and 1B. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)

34498  Last day to add: 02/23/18
WE 02/12/18 06/07/18 11:45AM 02:55PM M LIBR 109
WE2 02/12/18 06/07/18 11:45AM 01:50PM W LIBR 121
WEL 02/12/18 06/07/18 02:00PM 02:50PM W LIBR 121

The above section is a web-enhanced class. Internet access is required.
Instructor: A Covarrubias

SPA-1  Spanish 1  5 UNITS
Advisory: Completion of placement test to assess level of proficiency in Spanish.
Description: This course concentrates on developing basic skills in listening, reading, speaking and writing. Emphasis is placed on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Spanish at the beginning level. This course includes discussion of Hispanic culture and daily life. Students may receive credit for only one of the following: SPA-1 or SPA-1H or SPA-1A and 1B. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)

34500  Last day to add: 02/23/18
WE 02/12/18 06/07/18 03:00PM 05:05PM M LIBR 121
WE2 02/12/18 06/07/18 03:00PM 06:10PM W LIBR 109
WEL 02/12/18 06/07/18 05:15PM 06:05PM M LIBR 121

The above section is a web-enhanced class. Internet access is required.
Instructor: N Guillen

SPA-1  Spanish 1  5 UNITS
Advisory: Completion of placement test to assess level of proficiency in Spanish.
Description: This course concentrates on developing basic skills in listening, reading, speaking and writing. Emphasis is placed on acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of native spoken and written Spanish at the beginning level. This course includes discussion of Hispanic culture and daily life. Students may receive credit for only one of the following: SPA-1 or SPA-1H or SPA-1A and 1B. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)

34499  Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:35PM 09:25PM M LIBR 121
WE2 02/12/18 06/07/18 08:20PM 10:25PM W LIBR 121
WEL 02/12/18 06/07/18 08:35PM 09:25PM W LIBR 121

The above section is a web-enhanced class. Internet access is required.
Instructor: C Solorzano

SPA-2  Spanish 2  5 UNITS
Prerequisite: SPA-1B or SPA-1H or SPA-1A, or qualifying placement level on the Spanish assessment test or the equivalent Description: Further development of basic skills in listening, reading, speaking and writing. A continued emphasis on the acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of standard spoken and written Spanish at the beginning level. This course includes an expanded discussion of Hispanic culture and daily life. Students may not receive credit for both SPA-2 and SPA-2H. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)

34502  Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:00AM 11:00AM M LIBR 121
WE2 02/12/18 06/07/18 08:00AM 10:05AM W LIBR 121
WEL 02/12/18 06/07/18 10:15AM 11:15AM W LIBR 121

The above section is a web-enhanced class. Internet access is required.
Instructor: A Covarrubias

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**SPA-2  Spanish 2  5 UNITS**
Prerequisite: SPA-1B or SPA-1 or SPA-1H, or qualifying placement level on the Spanish assessment test or the equivalent Description: Further development of basic skills in listening, reading, speaking and writing. A continued emphasis on the acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of standard spoken and written Spanish at the beginning level. This course includes an expanded discussion of Hispanic culture and daily life. Students may not receive credit for both SPA-2 and SPA-2H. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)

**34501**
Last day to add: 02/23/18
WE 02/12/18 06/07/18 02:00PM 05:10PM T LIBR 109
WE2 02/12/18 06/07/18 02:00PM 04:05PM TH LIBR 121
WEL 02/12/18 06/07/18 04:15PM 05:05PM TH LIBR 121
Instructor: R Contreras

**SPA-3  Spanish 3  5 UNITS**
Prerequisite: SPA-2 or SPA-2H or qualifying placement level on the Spanish assessment test or the equivalent Description: Development of intermediate skills in listening, reading, speaking and writing. A continued emphasis on the acquisition of vocabulary, structures and grammatical patterns necessary for comprehension of standard spoken and written Spanish at the intermediate level. This course includes an expanded discussion of Hispanic culture and daily life. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)

**34504**
Last day to add: 02/23/18
WE 02/12/18 06/07/18 06:00PM 09:10PM T LIBR 109
WE2 02/12/18 06/07/18 06:00PM 08:05PM TH LIBR 121
WEL 02/12/18 06/07/18 08:15PM 09:05PM TH LIBR 121
Instructor: I Vejar

**SPA-4  Spanish 4  5 UNITS**
Prerequisite: SPA-3 or SPA-3N, qualifying placement level on the Spanish assessment test or the equivalent Description: Further development of intermediate skills in listening, reading, speaking and writing. A review of the vocabulary, structures and grammatical patterns necessary for comprehension of standard spoken and written Spanish at the intermediate level. Enhancement of basic Spanish language skills through the reading of authentic literary and factual texts. This course includes an expanded discussion of Hispanic culture and daily life. 90 hours lecture and 18 hours laboratory. (TBA option) (Letter Grade, or Pass/No Pass option.)

**34505**
Last day to add: 02/23/18
WE 02/12/18 06/07/18 08:00AM 11:10AM T LIBR 109
WE2 02/12/18 06/07/18 08:00AM 10:05AM TH LIBR 121
WEL 02/12/18 06/07/18 10:15AM 11:05AM TH LIBR 121
Instructor: D Hitchcock

**SPA-8  Intermediate Conversation  3 UNITS**
Prerequisite: SPA-2 or SPA-2H or SPA-3 or SPA-3N or SPA-4 Description: Intermediate-level vocabulary building and improvement of speaking proficiency in the context of Hispanic culture, daily life, and topics of current interest. 54 hours lecture. (Letter Grade, or Pass/No Pass option.)

**34506**
Last day to add: 02/23/18
WE 02/12/18 06/07/18 11:20AM 12:45PM TH LIBR 121
Instructor: A Covarrubias

**THEATER ARTS**

**THE-3  Introduction to the Theater  3 UNITS**
Description: A comprehensive study of theatrical styles and forms with units in directing, acting, designing, technical theater, playwriting, and genres, to acquaint the student with the diverse nature of theater leading to an appreciation and understanding of theater as a separate and distinctive art form. 54 hours lecture.

**34507**
Last day to add: 02/23/18
OL 02/12/18 06/07/18 ON LINE
Instructor: W Stevens

**THE-3  Introduction to the Theater  3 UNITS**
Description: A comprehensive study of theatrical styles and forms with units in directing, acting, designing, technical theater, playwriting, and genres, to acquaint the student with the diverse nature of theater leading to an appreciation and understanding of theater as a separate and distinctive art form. 54 hours lecture.

**34509**
Last day to add: 02/20/18
OL 02/12/18 04/08/18 ON LINE
Instructor: W Stevens

**THE-3  Introduction to the Theater  3 UNITS**
Description: A comprehensive study of theatrical styles and forms with units in directing, acting, designing, technical theater, playwriting, and genres, to acquaint the student with the diverse nature of theater leading to an appreciation and understanding of theater as a separate and distinctive art form. 54 hours lecture.

**34510**
Last day to add: 04/24/18
OL 04/16/18 06/07/18 ON LINE
Instructor: W Stevens

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THE-3  Introduction to the Theater  3 UNITS
Description: A comprehensive study of theatrical styles and forms with units in directing, acting, designing, technical theater, playwriting, and genres, to acquaint the student with the diverse nature of theater leading to an appreciation and understanding of theater as a separate and distinctive art form. 54 hours lecture.
34508  Last day to add: 02/23/18
WE 02/12/18 06/07/18 01:55PM 03:20PM TTH THTR 101
The above section is a web-enhanced class. Internet access is required.
Instructor: W Stevens

THE-3  Introduction to the Theater  3 UNITS
Description: A comprehensive study of theatrical styles and forms with units in directing, acting, designing, technical theater, playwriting, and genres, to acquaint the student with the diverse nature of theater leading to an appreciation and understanding of theater as a separate and distinctive art form. 54 hours lecture.
34511  Last day to add: 02/23/18
WE 02/12/18 06/07/18 06:00PM 09:10PM W THTR 101
The above section is a web-enhanced class. Internet access is required.
Instructor: W Stevens

THE-39  Acting for the Camera  3 UNITS
Advisory:THE-32 Description: Principles and techniques of specialized methods and styles involved in acting for the camera culminating in performance on film. This course encompasses the study and exercise in the special techniques of acting for the motion picture and television cameras. Emphasis will be placed on gaining an understanding of the various camera angles, shots, positions and actor behaviors that are unique to acting before a camera. Practical work in front of a camera is required. 45 hours lecture and 27 hours laboratory.
34618  Last day to add: 02/23/18
WE 02/12/18 06/07/18 03:25PM 04:50PM T TTH TR 101
WE2 02/12/18 06/07/18 03:25PM 04:30PM TH THTR 101
WEL 02/12/18 06/07/18 04:35PM 05:55PM TTH THTR 101
The above section is a web-enhanced class. Internet access is required.
Instructor: W Stevens

WORK EXPERIENCE

WKX-200  Work Experience  1 UNIT
Advisory: Students should have paid or voluntary employment Description: This course is designed to coordinate the students occupational on-the-job training with related instruction in work-related skills, including occupational and educational resources, career planning, resume development and interview techniques. Students may earn up to four (4) units each semester for a maximum of 16 units of work experience. No more than 20 hours per week may be applied toward the work requirement; 60 hours of volunteer work or 75 hours of paid work in the semester are required for each unit. WKX-200 is an enrolling course for General Work Experience and Occupational Work Experience courses. Students enrolling in WKX-200 are administratively moved to the appropriate general or occupational work experience course after the first class meeting. Determination of the appropriate work experience course is made by the instructor, with input from the student, based upon several factors, including the number of hours worked during the semester, occupational program requirements, and type of work in which the student is engaged. 18 hours orientation and 60 hours of volunteer work experience (maximum of 240 hours) or 75 hours of paid work experience (maximum of 300 hours) are required for each enrolled unit.
34513  Last day to add: 02/23/18
WRKO 02/12/18 06/07/18 ON LINE
The above section is an online class. Computer with Internet access required. See www.open-campus.com. In addition to the online lecture, students are required to attend an orientation at Norco College the first week of the semester, dates and times will be posted in Blackboard. Students must also meet on-campus for an instructor conference and for final exams. Please see Blackboard for specific dates and times.
Instructor: A Ethason

WKX-200  Work Experience  1 UNIT
Advisory: Students should have paid or voluntary employment Description: This course is designed to coordinate the students occupational on-the-job training with related instruction in work-related skills, including occupational and educational resources, career planning, resume development and interview techniques. Students may earn up to four (4) units each semester for a maximum of 16 units of work experience. No more than 20 hours per week may be applied toward the work requirement; 60 hours of volunteer work or 75 hours of paid work in the semester are required for each unit. WKX-200 is an enrolling course for General Work Experience and Occupational Work Experience courses. Students enrolling in WKX-200 are administratively moved to the appropriate general or occupational work experience course after the first class meeting. Determination of the appropriate work experience course is made by the instructor, with input from the student, based upon several factors, including the number of hours worked during the semester, occupational program requirements, and type of work in which the student is engaged. 18 hours orientation and 60 hours of volunteer work experience (maximum of 240 hours) or 75 hours of paid work experience (maximum of 300 hours) are required for each enrolled unit.
34514  Last day to add: 02/23/18
WRKO 02/12/18 06/07/18 ON LINE
The above section is an online class. Computer with Internet access required. See www.open-campus.com. In addition to the online lecture, students are required to attend an orientation at Norco College the first week of the semester, dates and times will be posted in Blackboard. Students must also meet on-campus for an instructor conference and for final exams. Please see Blackboard for specific dates and times.
Instructor: D Dokter
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