Exciting changes – Norco College students will now be part of a school.

What’s Your School?
School of Arts & Humanities
School of Business & Management
School of Science, Technology, Engineering, & Math (STEM)
School of Social & Behavioral Studies

What’s a School? It’s a collection of programs of study that have related courses. Choosing a School will help you choose a program that is right for you, and being part of a School means you are part of a community of learners – other students just like you – with similar interests.

For information, log onto www.norcocollege.edu/schools
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.

ACCOUNTING

ACC-1A Principles of Accounting I 3 UNITS

38001
OL 08/28/17 12/14/17 LAST DAY TO ADD: 09/08/17
OL 08/28/17 12/14/17 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 come to campus for a proctored final exam. Your instructor will have additional details.
Instructor: P Worsham

ACC-1A Principles of Accounting I 3 UNITS

38002
OL 08/28/17 10/20/17 LAST DAY TO ADD: 09/05/17
OL 08/28/17 10/20/17 ON LINE
The above section is a short term online class. Computer with Internet access required. See www.opencampus.com. In addition to the online lecture, students are required to come to campus for a proctored final exam. Your instructor will have additional details.
Instructor: P Worsham

ACC-1A Principles of Accounting I 3 UNITS

38003
OL 08/28/17 10/20/17 LAST DAY TO ADD: 09/08/17
WE 08/28/17 12/14/17 08:00AM 09:25AM TTH HUM 111
The above section is a web-enhanced class. Internet access is required. See www.opencampus.com. In addition to the online lecture, students are required to come to campus for a proctored final exam. Your instructor will have additional details.
Instructor: M Snow
ACC-1A  
**Principles of Accounting I**  
3 UNITS  
An introduction to accounting principles and procedures. Course geared to accounting and business majors.  
**PREREQUISITE:** None.  
**ADVISORY:** BUS-20.  
**37999**  
*Last day to add: 09/04/17*  
HYB  
08/28/17 10/20/17 09:40AM 11:10AM  
**TTH** IT 117  
HYB  
08/28/17 10/20/17  
**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:** P Worsham

ACC-1B  
**Principles of Accounting II**  
3 UNITS  
A study of managerial accounting principles and information systems.  
**PREREQUISITE:** ACC-1A.  
**38005**  
*Last day to add: 10/29/17*  
HYB  
10/23/17 12/14/17 06:00PM 09:10PM  
**W** JFK 116  
HYB  
10/23/17 12/14/17  
**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:** M Snow

ACC-1B  
**Principles of Accounting II**  
3 UNITS  
A study of managerial accounting principles and information systems.  
**PREREQUISITE:** ACC-1A.  
**39009**  
*Last day to add: 09/12/17*  
WE  
09/01/17 12/08/17 07:00AM 10:20AM  
**F** ATEC 204  
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.  
**Instructor:** Y Kirkpatrick

ACC-55  
**Applied Accounting/Bookkeeping**  
3 UNITS  
An introduction to basic bookkeeping and accounting principles for students who are non-accounting majors. Emphasis is on recording transactions, preparing financial statements and completing the accounting cycle. (Same as CAT-55)  
**PREREQUISITE:** None.  
**38009**  
*Last day to add: 09/08/17*  
OL  
10/23/17 12/14/17  
**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 Snow

ACC-62  
**Payroll Accounting**  
3 UNITS  
Studies accounting for payroll and aspects of social security, unemployment, and workers compensation, utilizing microcomputer applications.  
**PREREQUISITE:** ACC-1A or 55.  
**38010**  
*Last day to add: 10/31/17*  
OL  
10/23/17 12/14/17  
**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-67  
**U.S. and California Income Tax Preparation**  
4 UNITS  
A CTEC-approved course which provides 45 hours of federal credit, 15 hours of California state credit and 2 hours of ethics (included in the 15 hours of state credit) towards the qualifying education requirement for tax preparers.  
**PREREQUISITE:** None.  
**38011**  
*Last day to add: 09/08/17*  
HYB  
08/28/17 10/20/17 05:30PM 09:45PM  
**W** JFK 118  
HYB  
08/28/17 10/20/17  
**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

**ADMINISTRATION OF JUSTICE**

**ADJ-1  Introduction Administration of Justice**  
3 UNITS  
The history and philosophy of administration of justice in America. (Same as JUS-1)  
**PREREQUISITE:** None.  
**38012**  
*Last day to add: 09/08/17*  
WE  
08/28/17 12/14/17 02:30PM 03:55PM  
**MW** STEM 115  
The above section is a web-enhanced class. Internet access is required.  
**Instructor:** Staff
ADJ-2 Principles of Justice System 3 UNITS
An examination of due process in criminal proceedings. (Same as JUS-2)
PREREQUISITE: None.
38014 Last day to add: 09/08/17
WE 08/28/17 12/14/17 04:15PM 05:40PM TTH IT 209
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

ADJ-4 Legal Aspects of Evidence 3 UNITS
Origin, development, philosophy, and Constitutional-based evidence. (Same as JUS-4)
PREREQUISITE: None.
38015 Last day to add: 09/08/17
WE 08/28/17 12/14/17 11:15AM 12:40PM TTH WEQ/W4
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

ADJ-5 Community Relations 3 UNITS
Principal emphasis will be placed upon examining the relationship between
diverse communities and the justice system. (Same as JUS-5)
PREREQUISITE: None.
38016 Last day to add: 09/08/17
WE 08/28/17 12/14/17 06:00PM 09:10PM T STEM 115
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

ADJ-13 Criminal Investigation 3 UNITS
Fundamentals of investigation; crime scene search and recording, interviews
and interrogation. (Same as JUS-13)
PREREQUISITE: None.
38013 Last day to add: 09/08/17
WE 08/28/17 12/14/17 06:00PM 09:10PM M STEM 115
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

ANATOMY AND PHYSIOLOGY

AMY-2A Anatomy and Physiology I 4 UNITS
An integrated study of body organization and terminology, cells and tissues,
skeletal and muscular systems, and eye and ear.
PREREQUISITE: BIO-1 or 1H.
38018 Last day to add: 09/08/17
WE 08/28/17 12/14/17 11:30AM 12:20PM T IT 101
WE2 08/28/17 12/14/17 11:30AM 12:35PM TH IT 101
WEL 08/28/17 12/14/17 08:00AM 11:10AM MW ST 207
The above section is a web-enhanced class. Internet access is required.
Instructor: P Campo

AMY-2A Anatomy and Physiology I 4 UNITS
An integrated study of body organization and terminology, cells and tissues,
skeletal and muscular systems, and eye and ear.
PREREQUISITE: BIO-1 or 1H.
38021 Last day to add: 09/08/17
WE 08/28/17 12/14/17 11:30AM 12:20PM T IT 101
WE2 08/28/17 12/14/17 11:30AM 12:35PM TH IT 101
WEL 08/28/17 12/14/17 08:00AM 11:10AM TTH ST 207
The above section is a web-enhanced class. Internet access is required.
Instructor: P Campo

AMY-2A Anatomy and Physiology I 4 UNITS
An integrated study of body organization and terminology, cells and tissues,
skeletal and muscular systems, and eye and ear.
PREREQUISITE: BIO-1 or 1H.
38022 Last day to add: 09/08/17
WE 08/28/17 12/14/17 01:30PM 02:20PM M ST 207
WE2 08/28/17 12/14/17 01:30PM 02:35PM W ST 207
WEL 08/28/17 12/14/17 02:45PM 05:55PM MW ST 207
The above section is a web-enhanced class. Internet access is required.
Instructor: S Standen

AMY-2A Anatomy and Physiology I 4 UNITS
An integrated study of body organization and terminology, cells and tissues,
skeletal and muscular systems, and eye and ear.
PREREQUISITE: BIO-1 or 1H.
38019 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 04:15PM 05:05PM M ATEC 114
LEC2 08/28/17 12/14/17 04:15PM 05:20PM W ATEC 114
LAB 08/28/17 12/14/17 12:45PM 03:55PM MW ST 211
Instructor: C Sternburg

AMY-2A Anatomy and Physiology I 4 UNITS
An integrated study of body organization and terminology, cells and tissues,
skeletal and muscular systems, and eye and ear.
PREREQUISITE: BIO-1 or 1H.
38020 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 04:15PM 05:05PM M ATEC 114
LEC2 08/28/17 12/14/17 04:15PM 05:20PM W ATEC 114
LAB 08/28/17 12/14/17 06:00PM 09:10PM MW ST 211
Instructor: C Sternburg

AMY-2B Anatomy and Physiology II 4 UNITS
An integrated study of these systems: nervous, endocrine, cardiovascular,
respiratory, urinary, digestive and reproductive organ systems.
PREREQUISITE: AMY-2A.
38024 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 11:15AM 12:05PM T ST 211
LEC2 08/28/17 12/14/17 11:15AM 12:20PM TH ST 211
LAB 08/28/17 12/14/17 02:00PM 05:10PM TTH ST 211
Instructor: C Sternburg
ANTHROPOLOGY

**ANT-1 Physical Anthropology** 3 UNITS
Examination of human biological evolution and physical diversity, incorporating genetics, primates, fossils, and relationship to the animal world.
PREREQUISITE: None.
38025 Last day to add: 09/08/17
WE 08/28/17 - 12/14/17 11:15AM - 12:40PM TTH HUM 111
The above section is a web-enhanced class. Internet access is required.
Instructor: A Gray

**ANT-1 Physical Anthropology** 3 UNITS
Examination of human biological evolution and physical diversity, incorporating genetics, primates, fossils, and relationship to the animal world.
PREREQUISITE: None.
38029 Last day to add: 09/08/17
WE 08/28/17 - 12/14/17 02:00PM - 03:25PM TTH HUM 111
The above section is a web-enhanced class. Internet access is required.
Instructor: C Buchanan

**ANT-1 Physical Anthropology** 3 UNITS
Examination of human biological evolution and physical diversity, incorporating genetics, primates, fossils, and relationship to the animal world.
PREREQUISITE: None.
38032 Last day to add: 09/08/17
OL 08/28/17 - 12/14/17 04:15PM - 05:40PM MW STEM 201
The above section is an online class. Computer with Internet access required.
Instructor: A Gray

**ANT-1 Physical Anthropology** 3 UNITS
Examination of human biological evolution and physical diversity, incorporating genetics, primates, fossils, and relationship to the animal world.
PREREQUISITE: None.
38034 Last day to add: 09/08/17
WE 08/28/17 - 12/14/17 09:40AM - 11:05AM TTH HUM 111
The above section is a web-enhanced class. Internet access is required.
Instructor: C Buchanan

**ANT-1 Physical Anthropology** 3 UNITS
Examination of human biological evolution and physical diversity, incorporating genetics, primates, fossils, and relationship to the animal world.
PREREQUISITE: None.
38025 Last day to add: 09/08/17
WE 08/28/17 - 12/14/17 11:15AM - 12:40PM TTH HUM 111
The above section is a web-enhanced class. Internet access is required.
Instructor: A Gray

**ANT-1 Physical Anthropology** 3 UNITS
Examination of human biological evolution and physical diversity, incorporating genetics, primates, fossils, and relationship to the animal world.
PREREQUISITE: None.
38028 Last day to add: 09/08/17
OL 08/28/17 - 12/14/17 04:15PM - 05:40PM MW HUM 111
The above section is a web-enhanced class. Internet access is required.
Instructor: C Buchanan

**ANT-1 Physical Anthropology** 3 UNITS
Examination of human biological evolution and physical diversity, incorporating genetics, primates, fossils, and relationship to the animal world.
PREREQUISITE: None.
38030 Last day to add: 09/08/17
OL 08/28/17 - 12/14/17 ON LINE
The above section is an online class. Computer with Internet access required.
Instructor: A Gray

**ANT-2 Cultural Anthro** 3 UNITS
An introduction to the anthropological concept of culture and to the methods and theories used in the comparative analysis of cultures.
PREREQUISITE: None.
38027 Last day to add: 09/12/17
WE 09/01/17 - 12/08/17 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: E Paison

**ANT-2 Cultural Anthro** 3 UNITS
An introduction to the anthropological concept of culture and to the methods and theories used in the comparative analysis of cultures.
PREREQUISITE: None.
38037 Last day to add: 09/12/17
OL 09/01/17 - 12/08/17 ON LINE
The above section is an online class. Computer with Internet access required.
Instructor: A Gray

**ANT-2 Cultural Anthro** 3 UNITS
An introduction to the anthropological concept of culture and to the methods and theories used in the comparative analysis of cultures.
PREREQUISITE: None.
38034 Last day to add: 09/12/17
OL 08/28/17 - 12/14/17 ON LINE
The above section is an online class. Computer with Internet access required.
Instructor: A Gray

**ANT-1 Physical Anthropology** 3 UNITS
Examination of human biological evolution and physical diversity, incorporating genetics, primates, fossils, and relationship to the animal world.
PREREQUISITE: None.
38023 Last day to add: 09/08/17
WE 08/28/17 - 12/14/17 05:15PM - 06:05PM T ST 207
WE2 08/28/17 - 12/14/17 05:15PM - 06:20PM TH ST 207
WEL 08/28/17 - 12/14/17 06:30PM - 09:40PM TTH ST 207
The above section is a web-enhanced class. Internet access is required.
Instructor: A Hoffman

**ANT-1 Physical Anthropology** 3 UNITS
Examination of human biological evolution and physical diversity, incorporating genetics, primates, fossils, and relationship to the animal world.
PREREQUISITE: None.
38025 Last day to add: 09/08/17
WE 08/28/17 - 12/14/17 11:15AM - 12:40PM TTH HUM 111
The above section is a web-enhanced class. Internet access is required.
Instructor: A Gray

**ANT-1 Physical Anthropology** 3 UNITS
Examination of human biological evolution and physical diversity, incorporating genetics, primates, fossils, and relationship to the animal world.
PREREQUISITE: None.
38028 Last day to add: 09/08/17
OL 08/28/17 - 12/14/17 ON LINE
The above section is an online class. Computer with Internet access required.
Instructor: A Gray

**ANT-1 Physical Anthropology** 3 UNITS
Examination of human biological evolution and physical diversity, incorporating genetics, primates, fossils, and relationship to the animal world.
PREREQUISITE: None.
38034 Last day to add: 09/08/17
WE 08/28/17 - 12/14/17 09:40AM - 11:05AM TTH HUM 111
The above section is a web-enhanced class. Internet access is required.
Instructor: C Buchanan

**AMY-10 Survey Human Anat/Physio** 3 UNITS
For Allied Health majors: a survey of the structure and function of human cells, tissues and systems.
PREREQUISITE: None.
38017 Last day to add: 09/08/17
WE 08/28/17 - 12/14/17 04:15PM - 05:40PM MW STEM 201
The above section is a web-enhanced class. Internet access is required.
Instructor: G Johansen

**AMY-2B Anatomy and Physio II** 4 UNITS
An integrated study of these systems: nervous, endocrine, cardiovascular, respiratory, urinary, digestive and reproductive organ systems.
PREREQUISITE: AMY-2A.
38023 Last day to add: 09/08/17
WE 08/28/17 - 12/14/17 05:15PM - 06:05PM T ST 207
WE2 08/28/17 - 12/14/17 05:15PM - 06:20PM TH ST 207
WEL 08/28/17 - 12/14/17 06:30PM - 09:40PM TTH ST 207
The above section is a web-enhanced class. Internet access is required.
Instructor: A Hoffman

**ANTHROPOLOGY**

**ANT-1 Physical Anthropology** 3 UNITS
Examination of human biological evolution and physical diversity, incorporating genetics, primates, fossils, and relationship to the animal world.
PREREQUISITE: None.
38025 Last day to add: 09/08/17
WE 08/28/17 - 12/14/17 11:15AM - 12:40PM TTH HUM 111
The above section is a web-enhanced class. Internet access is required.
Instructor: A Gray
### Anthropology

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<th>Course</th>
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<th>Units</th>
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<tbody>
<tr>
<td>ANT-2</td>
<td>Cultural Anthro</td>
<td>3</td>
<td>An introduction to the anthropological concept of culture and to the methods</td>
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<td>and theories used in the comparative analysis of cultures.</td>
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<td>ANT-4</td>
<td>Native American Cultures</td>
<td>3</td>
<td>A survey of Native American cultures and peoples of North America.</td>
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<td>ANT-6</td>
<td>Introduction to Archaeology</td>
<td>3</td>
<td>Examination of the goals, concepts, discoveries, and methods of modern</td>
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<td>archaeology as they are used to reconstruct and interpret ancient societies.</td>
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<td>Instructor: C Buchanan</td>
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<td>ANT-7</td>
<td>Anthropology of Religion</td>
<td>3</td>
<td>Anthropological study of religion in world cultures, focusing on beliefs,</td>
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<td>ritual, mythology, and the role of religion in traditional societies.</td>
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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT-8</td>
<td>Language and Culture</td>
<td>3</td>
<td>An introduction to the anthropological study of language and communication</td>
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<td></td>
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<td>in world cultures.</td>
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<td>PREREQUISITE: None.</td>
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<tr>
<td>38042</td>
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<td>Last day to add: 09/08/17</td>
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<tr>
<td>WE</td>
<td>08/28/17 12/14/17 06:00PM</td>
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<td>W HUM 111</td>
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<td>The above section is a web-enhanced class. Internet access is required.</td>
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<tr>
<td></td>
<td>Instructor: O Lancaster</td>
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### Architecture

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>ARE-24</td>
<td>Architectural Drafting</td>
<td>3</td>
<td>Introduction to architectural drafting techniques with emphasis on line</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>quality, lettering, dimensioning, scaling, notes.</td>
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<td>PREREQUISITE: ENE-21 and 30.</td>
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<tr>
<td>38043</td>
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<td>Last day to add: 09/08/17</td>
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<tr>
<td>LEC</td>
<td>08/28/17 12/14/17 06:00PM</td>
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<td>07:25PM</td>
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<td></td>
<td>T IT 127</td>
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<tr>
<td>LAB</td>
<td>08/28/17 12/14/17 07:35PM</td>
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<td>09:40PM</td>
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<td></td>
<td>T IT 127</td>
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<tr>
<td>LAB2</td>
<td>08/28/17 12/14/17 06:00PM</td>
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<td>09:10PM</td>
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<td></td>
<td>TH IT 127</td>
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<tr>
<td></td>
<td>Instructor: C Bohigian</td>
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</tbody>
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### Art

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART-2</td>
<td>Hist Art: Renaiss/Contemp</td>
<td>3</td>
<td>Survey of the history of Western art: Renaissance through Contemporary.</td>
</tr>
<tr>
<td></td>
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<td>PREREQUISITE: None.</td>
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<tr>
<td>38050</td>
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<td>08/28/17 12/14/17 06:00PM</td>
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<td></td>
<td>M STEM 201</td>
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<td>The above section is a web-enhanced class. Internet access is required.</td>
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<td>Instructor: C Goux</td>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART-2H</td>
<td>Honors Hist Art: Renaiss/Contemp</td>
<td>3</td>
<td>An honors course that surveys the history of Western art: Renaissance through</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Contemporary.</td>
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<td></td>
<td></td>
<td></td>
<td>PREREQUISITE: None.</td>
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<tr>
<td>38736</td>
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<td>Last day to add: 09/08/17</td>
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<tr>
<td>WE</td>
<td>08/28/17 12/14/17 08:00AM</td>
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<td>09:25AM</td>
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<td></td>
<td>TTH STEM 125</td>
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<td>The above section is a web-enhanced class. Internet access is required.</td>
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<tr>
<td></td>
<td>Instructor: Staff</td>
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</tbody>
</table>
ART-5  History of Non-Western Art  3 UNITS  
Survey of the traditional arts of non-Western cultures.  
PREREQUISITE: None.  
ADVISORY: Qualification for ENG-1A.  
38747  Last day to add: 09/08/17  
WE  08/28/17  12/14/17  06:00PM  09:10PM  T  STEM 201  
The above section is a web-enhanced class. Internet access is required.  
Instructor: C Goux

ART-6  Art Appreciation  3 UNITS  
An introductory course for the non-art major. An overview of the creative process and various art forms.  
PREREQUISITE: None.  
ADVISORY: Qualification for ENG-1A.  
38058  Last day to add: 09/16/17  
OL  08/28/17  10/17/17  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 Skiba

ART-6  Art Appreciation  3 UNITS  
An introductory course for the non-art major. An overview of the creative process and various art forms.  
PREREQUISITE: None.  
ADVISORY: Qualification for ENG-1A.  
38059  Last day to add: 09/16/17  
OL  10/23/17  12/14/17  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 Skiba

ART-6  Art Appreciation  3 UNITS  
An introductory course for the non-art major. An overview of the creative process and various art forms.  
PREREQUISITE: None.  
ADVISORY: Qualification for ENG-1A.  
38853  Last day to add: 09/12/17  
WE  09/01/17  12/08/17  08:00AM  12:05PM  F  WEQ W6  
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.  
Instructor: D Martin

ART-6  Art Appreciation  3 UNITS  
An introductory course for the non-art major. An overview of the creative process and various art forms.  
PREREQUISITE: None.  
ADVISORY: Qualification for ENG-1A.  
38057  Last day to add: 09/08/17  
WE  08/28/17  12/14/17  02:00PM  03:25PM  TTH  WEQ W6  
The above section is a web-enhanced class. Internet access is required.  
Instructor: B May

ART-7  Women Artists in History  3 UNITS  
Survey of the contributions of women artists from the ancient era through the present.  
PREREQUISITE: None.  
ADVISORY: Qualification for ENG-1A.  
38735  Last day to add: 09/08/17  
WE  08/28/17  12/14/17  08:00AM  09:25AM  TTH  WEQ W5  
The above section is a web-enhanced class. Internet access is required.  
Instructor: S Meredith

ART-9  African Art History  3 UNITS  
A survey of the traditional through contemporary arts of African peoples.  
PREREQUISITE: None.  
38734  Last day to add: 09/08/17  
WE  08/28/17  12/14/17  06:00PM  09:10PM  W  WEQ W7  
The above section is a web-enhanced class. Internet access is required.  
Instructor: J Wimbley

ART-17  Beginning Drawing  3 UNITS  
Introduction to drawing in a variety of media. Exploration of the elements of art, composition, perspective, including development of observational, motor and creative skills.  
PREREQUISITE: None.  
38048  Last day to add: 09/08/17  
WE  08/28/17  12/14/17  07:45AM  08:35AM  M  ATEC 209  
WE2  08/28/17  12/14/17  07:45AM  08:50AM  W  ATEC 209  
WEL  08/28/17  12/14/17  08:45AM  11:00AM  M  ATEC 209  
WEL2  08/28/17  12/14/17  09:10AM  11:00AM  W  ATEC 209  
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.  
Instructor: Q Bemiller

ART-17  Beginning Drawing  3 UNITS  
Introduction to drawing in a variety of media. Exploration of the elements of art, composition, perspective, including development of observational, motor and creative skills.  
PREREQUISITE: None.  
38049  Last day to add: 09/12/17  
WE  09/01/17  12/08/17  08:00AM  10:50AM  F  ATEC 209  
WEL  09/01/17  12/08/17  10:15AM  02:30PM  F  ATEC 209  
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.  
Instructor: C Glaze

ART-17  Beginning Drawing  3 UNITS  
Introduction to drawing in a variety of media. Exploration of the elements of art, composition, perspective, including development of observational, motor and creative skills.  
PREREQUISITE: None.  
38047  Last day to add: 09/08/17  
WE  08/28/17  12/14/17  06:00PM  06:50PM  T  ATEC 209  
WE2  08/28/17  12/14/17  06:00PM  07:05PM  TH  ATEC 209  
WEL  08/28/17  12/14/17  07:00PM  09:15PM  T  ATEC 209  
WEL2  08/28/17  12/14/17  07:25PM  09:15PM  TH  ATEC 209  
The above section is a web-enhanced class. Internet access is required.  
Instructor: M Lindeman

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 • WREK - Hybrid Work Experience • WRKO - Work Experience Online

Get important textbook information, including ISBN numbers and pricing, and reserve for in-store pickup or delivery to your home! www.norcocollgebookstore.com
ART-22  Basic Design  3 UNITS
Introduction to the fundamentals of two-dimensional design. The practice of organizing the visual elements, according to the principles of design.
PREREQUISITE: None.
38052  Last day to add: 09/08/17
WE  08/28/17  12/14/17  11:10AM  12:00PM  M  ATEC 209
WE2  08/28/17  12/14/17  11:10AM  12:15PM  W  ATEC 209
WEL  08/28/17  12/14/17  12:10PM  02:25PM  M  ATEC 209
WEL2  08/28/17  12/14/17  12:35PM  02:25PM  W  ATEC 209
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

ART-24  Three Dimensional Design  3 UNITS
Introduction to the fundamentals of three-dimensional design. A materials fee of $15 will be charged at the time of registration.
PREREQUISITE: None.
38053  Last day to add: 09/08/17
WE  08/28/17  12/14/17  02:00PM  02:50PM  T  ATEC 209
WE2  08/28/17  12/14/17  02:00AM  03:50AM  TH  ATEC 209
WEL  08/28/17  12/14/17  03:00PM  05:15PM  T  ATEC 209
WEL2  08/28/17  12/14/17  03:25PM  05:15PM  TH  ATEC 209
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

ART-25A  Watercolor-Beginning  3 UNITS
Beginning-level of painting with transparent watercolors. Students pay for their own materials.
PREREQUISITE: ART-17.
38742  Last day to add: 09/08/17
WE  08/28/17  12/14/17  09:35AM  10:25AM  T  ATEC 209
WE2  08/28/17  12/14/17  09:35AM  10:40AM  TH  ATEC 209
WEL  08/28/17  12/14/17  10:35AM  12:50PM  T  ATEC 209
WEL2  08/28/17  12/14/17  11:00AM  12:50PM  TH  ATEC 209
The above section is a web-enhanced class. Internet access is required.
Instructor: Q Bemiller

ART-26  Beginning Painting  3 UNITS
Introduction to painting (oil or acrylic); technique, process, perception, color theory, composition, and creativity.
PREREQUISITE: ART-17.
38054  Last day to add: 09/08/17
WE  08/28/17  12/14/17  09:35AM  10:25AM  T  ATEC 209
WE2  08/28/17  12/14/17  09:35AM  10:40AM  TH  ATEC 209
WEL  08/28/17  12/14/17  10:35AM  12:50PM  T  ATEC 209
WEL2  08/28/17  12/14/17  11:00AM  12:50PM  TH  ATEC 209
The above section is a web-enhanced class. Internet access is required.
Instructor: Q Bemiller

ART-27  Intermediate Painting  3 UNITS
Intermediate painting (oil or acrylic); various techniques, process, perception, color theory, composition, and creativity.
PREREQUISITE: ART-23 or 26.
38055  Last day to add: 09/08/17
WE  08/28/17  12/14/17  09:35AM  10:25AM  T  ATEC 209
WE2  08/28/17  12/14/17  09:35AM  10:40AM  TH  ATEC 209
WEL  08/28/17  12/14/17  10:35AM  12:50PM  T  ATEC 209
WEL2  08/28/17  12/14/17  11:00AM  12:50PM  TH  ATEC 209
The above section is a web-enhanced class. Internet access is required.
Instructor: Q Bemiller

ART-36A  Computer Art-Introduction  3 UNITS
Introduction to creating fine art and design using digital media. The exploration of the visual characteristics of electronic imagery with the emphasis on the essentials of fine art, design, and creative problem solving.
PREREQUISITE: None.
38740  Last day to add: 09/08/17
WE  08/28/17  12/14/17  09:35AM  10:25AM  T  ATEC 109
WE2  08/28/17  12/14/17  09:35AM  10:40AM  TH  ATEC 109
WEL  08/28/17  12/14/17  10:35AM  12:50PM  T  ATEC 109
WEL2  08/28/17  12/14/17  11:00AM  12:50PM  TH  ATEC 109
The above section is a web-enhanced class. Internet access is required.
Instructor: B May

ART-40A  Figure Drawing-Introduction  3 UNITS
Introduction to drawing the human figure from a nude model. A variety of materials will be used.
PREREQUISITE: ART-17.
38056  Last day to add: 09/08/17
WE  08/28/17  12/14/17  02:35PM  03:25PM  M  ATEC 209
WE2  08/28/17  12/14/17  02:35PM  03:40PM  W  ATEC 209
WEL  08/28/17  12/14/17  03:35PM  05:50PM  M  ATEC 209
WEL2  08/28/17  12/14/17  04:00PM  05:50PM  W  ATEC 209
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

BIOLOGY

BIO-1  General Biology  4 UNITS
A study of life as revealed in biological systems using cellular, organismal and ecological approaches. The basic principles of cellular biology, biochemistry, genetics, evolution, ecology and the social implications of biology.
PREREQUISITE: None.
38061  Last day to add: 09/08/17
WE  08/28/17  12/14/17  08:00AM  09:25AM  TH  IT 101
WEL  08/28/17  12/14/17  09:40AM  12:50PM  TH  IT 128
The above section is a web-enhanced class. Internet access is required.
Instructor: M Gutierrez
BIO-1 General Biology 4 UNITS
A study of life as revealed in biological systems using cellular, organismal and ecological approaches. The basic principles of cellular biology, biochemistry, genetics, evolution, ecology and the social implications of biology.
PREREQUISITE: None.
38065 Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:00AM 09:25AM TTH IT 101
WEL 08/28/17 12/14/17 09:40AM 12:50PM T IT 128
The above section is a web-enhanced class. Internet access is required.
Instructor: M Gutierrez

BIO-1 General Biology 4 UNITS
A study of life as revealed in biological systems using cellular, organismal and ecological approaches. The basic principles of cellular biology, biochemistry, genetics, evolution, ecology and the social implications of biology.
PREREQUISITE: None.
38068 Last day to add: 09/08/17
WE 08/28/17 12/14/17 10:30AM 11:55AM MW IT 101
WEL 08/28/17 12/14/17 08:45AM 11:55AM F IT 128
The above section is a web-enhanced class. Internet access is required.
Instructor: C Wilson

BIO-1 General Biology 4 UNITS
A study of life as revealed in biological systems using cellular, organismal and ecological approaches. The basic principles of cellular biology, biochemistry, genetics, evolution, ecology and the social implications of biology.
PREREQUISITE: None.
38069 Last day to add: 09/08/17
WE 08/28/17 12/14/17 10:30AM 11:55AM MW IT 101
WEL 08/28/17 12/14/17 01:00PM 04:10PM F IT 128
The above section is a web-enhanced class. Internet access is required.
Instructor: C Wilson

BIO-1 General Biology 4 UNITS
A study of life as revealed in biological systems using cellular, organismal and ecological approaches. The basic principles of cellular biology, biochemistry, genetics, evolution, ecology and the social implications of biology.
PREREQUISITE: None.
38063 Last day to add: 09/08/17
WE 08/28/17 12/14/17 11:15AM 12:40PM TTH TTHR 101
WEL 08/28/17 12/14/17 02:00PM 05:10PM TH IT 128
The above section is a web-enhanced class. Internet access is required.
Instructor: R Allen

BIO-1 General Biology 4 UNITS
A study of life as revealed in biological systems using cellular, organismal and ecological approaches. The basic principles of cellular biology, biochemistry, genetics, evolution, ecology and the social implications of biology.
PREREQUISITE: None.
38066 Last day to add: 09/08/17
WE 08/28/17 12/14/17 11:15AM 12:40PM TTH TTHR 101
WEL 08/28/17 12/14/17 02:00PM 05:10PM TH IT 128
The above section is a web-enhanced class. Internet access is required.
Instructor: R Allen

BIO-1 General Biology 4 UNITS
A study of life as revealed in biological systems using cellular, organismal and ecological approaches. The basic principles of cellular biology, biochemistry, genetics, evolution, ecology and the social implications of biology.
PREREQUISITE: None.
38879 Last day to add: 09/08/17
WE 08/28/17 12/14/17 06:00PM 09:10PM M IT 128
WEL 08/28/17 12/14/17 06:00PM 09:10PM W IT 128
The above section is a web-enhanced class. Internet access is required.
Instructor: F Almasarweh

BIO-1 General Biology 4 UNITS
A study of life as revealed in biological systems using cellular, organismal and ecological approaches. The basic principles of cellular biology, biochemistry, genetics, evolution, ecology and the social implications of biology.
PREREQUISITE: None.
38064 Last day to add: 09/08/17
WE 08/28/17 12/14/17 06:00PM 09:10PM W STEM 201
WEL 08/28/17 12/14/17 06:00PM 09:10PM T IT 128
The above section is a web-enhanced class. Internet access is required.
Instructor: J Drainville

BIO-1 General Biology 4 UNITS
A study of life as revealed in biological systems using cellular, organismal and ecological approaches. The basic principles of cellular biology, biochemistry, genetics, evolution, ecology and the social implications of biology.
PREREQUISITE: None.
38067 Last day to add: 09/08/17
WE 08/28/17 12/14/17 06:00PM 09:10PM W STEM 201
WEL 08/28/17 12/14/17 06:00PM 09:10PM TH IT 128
The above section is a web-enhanced class. Internet access is required.
Instructor: J Drainville

BIO-5 General Botany 4 UNITS
Introduction to plant science, emphasizing structures, functions and ecology of the major plant divisions.
PREREQUISITE: None.
38712 Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:45AM 10:10AM MW IT 128
WEL 08/28/17 12/14/17 10:30AM 11:55AM MW IT 128
The above section is a web-enhanced class. Internet access is required.
Instructor: T Friedrich Finnen

BIO-11 Intro Molec and Cell Biology 5 UNITS
An intensive course for Life Science majors studying the principles of biochemistry, metabolism, homeostasis, cells, genetics, cell communication, development, evolution and diversity at the cellular level.
PREREQUISITE: CHE-1A or 1AH.
ADVISORY: MAT-35 AND ENG-50 or 80 or qualifying placement level.
38070 Last day to add: 09/08/17
WE 08/28/17 12/14/17 10:30AM 12:35PM TTH ST 203
WEL 08/28/17 12/14/17 02:00PM 05:10PM TH ST 203
The above section is a web-enhanced class. Internet access is required.
Instructor: B Moore
BIO-12  Intro Orgismal Popl Biol  5 UNITS
An intensive course for Life Science majors studying plants, animals, ecology and evolution.
PREREQUISITE: BIO-11 or 11H.
38711  Last day to add: 09/08/17
WE  08/28/17 12/14/17  01:00PM  03:05PM  MW  IT 128
WEL  08/28/17 12/14/17  03:25PM  04:50PM  MW  IT 128
The above section is a web-enhanced class. Internet access is required.
Instructor: T Friedrich Finnern

BIO-34  Human Genetics  3 UNITS
A comprehensive survey of human genetics with an emphasis on the role of genetics and environment on cells, individuals, family and human populations. Discussions on human genetic disorders and the social implications of modern human genetics will be included.
PREREQUISITE: None.
ADVISORY: High school biology or any college life science course with laboratory.
38071  Last day to add: 09/08/17
WE  08/28/17 12/14/17  08:00AM  09:25AM  TTH  ATEC 210
The above section is a web-enhanced class. Internet access is required.
Instructor: T Martin

BIO-36  Environmental Science  3 UNITS
A study of human populations, food resources, nutrient cycles and energy flow, pollution, and solutions to environmental problems of the world.
PREREQUISITE: None.
38072  Last day to add: 09/08/17
WE  08/28/17 12/14/17  09:40AM  11:05AM  TTH  ATEC 114
The above section is a web-enhanced class. Internet access is required.
Instructor: G Zwart

BUSINESS ADMINISTRATION

BUS-3  Computer Applications for Business  3 UNITS
Introductory to intermediate concepts covering Windows operating system, file management, and various aspects of typical office applications for business and office professionals. (Same as CAT/CIS-3)
PREREQUISITE: None.
38826  Last day to add: 09/06/17
WE  09/01/17 10/21/17  01:00PM  04:10PM  FS  IT 202
WEL  09/01/17 10/21/17  04:20PM  05:10PM  FS  IT 202
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates. Designated laboratory hours are included in the meeting times for this class.
Instructor: C McConnell-Freeman

BIO-12  Intro Orgismal Popl Biol  5 UNITS
An intensive course for Life Science majors studying plants, animals, ecology and evolution.
PREREQUISITE: BIO-11 or 11H.
38711  Last day to add: 09/08/17
WE  08/28/17 12/14/17  01:00PM  03:05PM  MW  IT 128
WEL  08/28/17 12/14/17  03:25PM  04:50PM  MW  IT 128
The above section is a web-enhanced class. Internet access is required.
Instructor: T Friedrich Finnern

BIO-34  Human Genetics  3 UNITS
A comprehensive survey of human genetics with an emphasis on the role of genetics and environment on cells, individuals, family and human populations. Discussions on human genetic disorders and the social implications of modern human genetics will be included.
PREREQUISITE: None.
ADVISORY: High school biology or any college life science course with laboratory.
38071  Last day to add: 09/08/17
WE  08/28/17 12/14/17  08:00AM  09:25AM  TTH  ATEC 210
The above section is a web-enhanced class. Internet access is required.
Instructor: T Martin

BIO-36  Environmental Science  3 UNITS
A study of human populations, food resources, nutrient cycles and energy flow, pollution, and solutions to environmental problems of the world.
PREREQUISITE: None.
38072  Last day to add: 09/08/17
WE  08/28/17 12/14/17  09:40AM  11:05AM  TTH  ATEC 114
The above section is a web-enhanced class. Internet access is required.
Instructor: G Zwart

BUS-10  Intro to Business  3 UNITS
Considers scope, function and organization of business, including principles and practices, with an integrated global perspective.
PREREQUISITE: None.
38078  Last day to add: 09/05/17
OL  08/28/17 12/14/17  01:00PM  04:45PM  MW  STEM 302
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  Intro to Business  3 UNITS
Considers scope, function and organization of business, including principles and practices, with an integrated global perspective.
PREREQUISITE: None.
OL  08/28/17 12/14/17  08:45AM  10:10AM  MW  STEM 302
OL  10/23/17 12/14/17  01:00PM  02:40PM  MW  STEM 302
ON LINE
The above section is a short term online class. Please note the above dates. Computer with Internet access required. See www.opencampus.com.
Instructor: G Zwart

BUS-10  Intro to Business  3 UNITS
Considers scope, function and organization of business, including principles and practices, with an integrated global perspective.
PREREQUISITE: None.
38074  Last day to add: 09/08/17
WE  08/28/17 12/14/17  08:45AM  10:10AM  MW  STEM 302
OL  08/28/17 12/14/17  09:40AM  11:05AM  TTH  ATEC 210
The above section is a web-enhanced class. Internet access is required.
Instructor: L White

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 • WRKHN - Hybrid Work Experience • WRKDO - Work Experience Online

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BUS-10  Intro to Business  3 UNITS
Consider scope, function and organization of business, including principles
and practices, with an integrated global perspective.
PREREQUISITE: None.
38077  Last day to add: 09/08/17
WE  08/28/17  12/14/17  12:45PM  02:10PM  MW  IT 122
The above section is a web-enhanced class. Internet access is required.
Instructor: V Mixson

BUS-10  Intro to Business  3 UNITS
Consider scope, function and organization of business, including principles
and practices, with an integrated global perspective.
PREREQUISITE: None.
38087  Last day to add: 09/03/17
HYB  08/30/17  10/18/17  06:30PM  09:40PM  W  JFK 117
HYBO  08/30/17  10/18/17  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-12  Opportunity Analysis for Entrepreneurs  2 UNITS
Examines the process of transforming ideas into business opportunities.
PREREQUISITE: None.
38081  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:30PM  08:35PM  T  JFK 118
Instructor: A Martin

BUS-13  Develop Successful Business Plan/Model  2 UNITS
Provides a systematic process for developing a business plan/model.
PREREQUISITE: None.
38082  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:30PM  08:35PM  TH  JFK 118
Instructor: T Johnson

BUS-18A  Business Law I  3 UNITS
Legal and ethical environment of business torts, contracts, sales and principles
of employment.
PREREQUISITE: None.
38083  Last day to add: 09/05/17
OL  08/28/17  10/20/17  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

BUS-18A  Business Law I  3 UNITS
Legal and ethical environment of business torts, contracts, sales and principles
of employment.
PREREQUISITE: None.
38086  Last day to add: 10/31/17
OL  10/23/17  12/14/17  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

BUS-18B  Business Law II  3 UNITS
Commercial paper, business organizations, government regulations, protection
of property rights and international law.
PREREQUISITE: None.
38087  Last day to add: 10/28/17
HYB  10/23/17  12/14/17  06:30PM  09:40PM  T  JFK 102
HYBO  10/23/17  12/14/17  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 Math  3 UNITS
Introduces math based approaches to solving common business problems.
Includes the areas of business statistics, pricing, payroll, taxes, interest, personal
finance, and business finance.
PREREQUISITE: None.
38088  Last day to add: 09/05/17
OL  08/28/17  10/20/17  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 Math  3 UNITS
Introduces math based approaches to solving common business problems.
Includes the areas of business statistics, pricing, payroll, taxes, interest, personal
finance, and business finance.
PREREQUISITE: None.
38090  Last day to add: 10/31/17
OL  10/23/17  12/14/17
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 Math  3 UNITS
Introduces math based approaches to solving common business problems.
Includes the areas of business statistics, pricing, payroll, taxes, interest, personal
finance, and business finance.
PREREQUISITE: None.
38091  Last day to add: 09/08/17
OL  08/28/17  12/14/17
The above section is an online class. Computer with Internet access required.
Instructor: V Mixson

BUS-22  Mgmt Communications  3 UNITS
Examines the dynamics of organizational communication including
interpersonal, verbal, nonverbal and written.
PREREQUISITE: None.
ADVISORY: CAT-30.
38092  Last day to add: 09/08/17
WE  08/28/17  12/14/17  10:50AM  12:20PM  MW  IT 106
The above section is a web-enhanced class. Internet access is required.
Instructor: V Mixson

BUS-22  Mgmt Communications  3 UNITS
Examines the dynamics of organizational communication including
interpersonal, verbal, nonverbal and written.
PREREQUISITE: None.
ADVISORY: CAT-30.
38093  Last day to add: 09/08/17
WE  08/28/17  12/14/17  11:15AM  12:40PM  TTH  IT 125
The above section is a web-enhanced class. Internet access is required.
Instructor: E Doucette

BUS-30  Entrepreneurship: Fndtns and Fndmntls  3 UNITS
An exploration of the nature and extent of small business ownership.
PREREQUISITE: None.
38094  Last day to add: 09/08/17
OL  08/28/17  12/14/17  ON LINE
The above section is an online class. Computer with Internet access required.
See www.opencampus.com
Instructor: A Martin

BUS-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 MAG-47)
PREREQUISITE: None.
38096  Last day to add: 10/31/17
OL  10/23/17  12/14/17  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-80  Principles of Logistics  3 UNITS
Introduction to the field of logistics and the methods for improving product
distribution effectiveness.
PREREQUISITE: None.
38098  Last day to add: 10/31/17
OL  10/23/17  12/14/17  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-82  Freight Claims  1.50 UNITS
Review of the techniques for avoiding losses in transit and of the preparation, filing and resolution of freight claims.
PREREQUISITE: None.
38099  Last day to add: 10/29/17
WE  10/25/17  12/13/17  06:30PM  09:40PM  W  IT 210
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

BUS-83  Contracts  1.50 UNITS
An analysis of considerations involved in the drafting and negotiation of freight and logistics contracts.
PREREQUISITE: None.
38100  Last day to add: 09/03/17
WE  08/30/17  10/18/17  06:30PM  09:40PM  W  JFK 119
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

BUS-87  Purchasing and Supply Management  3 UNITS
Study of the purchasing and supply manager's role in procurement of resources that organizations need to attain goals, with emphasis on decision making, supplier integration, internal relationships, and customer service.
PREREQUISITE: None.
38101  Last day to add: 09/05/17
OL  08/28/17  10/20/17  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-90  International Logistics  3 UNITS
Introduction to the role of logistics in global business.
PREREQUISITE: None.
38102  Last day to add: 10/31/17
OL  10/23/17  12/14/17  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

CAT-51  Intermediate Type/Docu Formatting  3 UNITS
Develops ability to type a variety of business documents used in today's office environment.
PREREQUISITE: None.
ADVISORY: Beginning typing skills and familiarity with basic business document formats, CAT-50.
38830  Last day to add: 10/31/17
WE  10/27/17  12/09/17  08:00AM  12:35PM  FS  IT 202
WEL  10/27/17  12/09/17  01:00PM  02:20PM  FS  IT 202
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates. Designated laboratory hours are included in the meeting times for this class.
Instructor: Staff

CAT-80  Word for Windows  3 UNITS
Provides beginning, intermediate and advanced levels of skill applied to a variety of professional/business documents. (Same as CIS-80)
PREREQUISITE: None.
ADVISORY: Typing knowledge/skills of at least 40 wpm.
38103  Last day to add: 09/08/17
OL  08/28/17  12/14/17  ON LINE
OLL  08/28/17  12/14/17  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: B Fuller

CAT-93  Computers for Beginners  3 UNITS
An introduction to personal computers for the beginning student. (Same as CIS-93)
PREREQUISITE: None.
38104  Last day to add: 09/08/17
WE  08/28/17  12/14/17  10:15AM  11:40AM  THH  IT 106
WEL  08/28/17  12/14/17  11:50AM  12:40PM  T  IT 106
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: D Friedman

CAT-98A  Introduction to Excel  1.50 UNITS
An introduction to electronic spreadsheets using Excel. (Same as CIS-98A)
PREREQUISITE: None.
38105  Last day to add: 10/31/17
WE  10/27/17  12/09/17  02:30PM  04:35PM  FS  IT 202
WEL  10/27/17  12/09/17  04:45PM  06:05PM  FS  IT 202
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates. Designated laboratory hours are included in the meeting times for this class.
Instructor: B Fuller

COMPUTER APPLICATIONS/OFFICE

CAT-3  Computer Applications for Business  3 UNITS
Introductory to intermediate concepts covering Windows operating system, file management, and various aspects of typical office applications for business and office professionals. (Same as BUS/CIS-3)
PREREQUISITE: None.
38824  Last day to add: 09/06/17
WE  09/01/17  10/21/17  01:00PM  04:10PM  FS  IT 202
WEL  09/01/17  10/21/17  04:20PM  05:10PM  FS  IT 202
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates. Designated laboratory hours are included in the meeting times for this class.
Instructor: C McConnell-Freeman

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WE - Web Enhanced Lecture • WEL - Web Enhanced Lab • WRX - Work Experience Lecture • WRXH - Hybrid Work Experience • WRKO - Work Experience Online

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# CHEMISTRY

**CHE-1A  General Chemistry I**  5 UNITS  
Simple chemical systems-gas laws, weight relations, thermodynamics, atomic structure and bonding.  
PREREQUISITE: CHE-2A or 3 and MAT-35.  
**38108**  Last day to add: 09/08/17  
WE 08/28/17 12/14/17 08:00AM - 09:25AM TTH IT 203  
WEL 08/28/17 12/14/17 08:45AM - 11:55AM MW HUM 208  
The above section is a web-enhanced class. Internet access is required.  
**Instructor:** W. Gui  

**CHE-1A  General Chemistry I**  5 UNITS  
Simple chemical systems-gas laws, weight relations, thermodynamics, atomic structure and bonding.  
PREREQUISITE: CHE-2A or 3 and MAT-35.  
**38708**  Last day to add: 09/08/17  
WE 08/28/17 12/14/17 06:00PM - 07:25PM TTH ST 211  
WEL 08/28/17 12/14/17 06:00PM - 09:10PM MW HUM 208  
The above section is a web-enhanced class. Internet access is required.  
**Instructor:** C. Lugo  

**CHE-1B  General Chemistry II**  5 UNITS  
Sequel to CHE-1A: reaction rates, equilibrium, acid-base, thermodynamics, electrochemistry, nuclear, inorganic and organic chemistry.  
PREREQUISITE: CHE-1A or 1AH.  
**38109**  Last day to add: 09/08/17  
WE 08/28/17 12/14/17 11:15AM - 12:40PM TTH ATEC 114  
WEL 08/28/17 12/14/17 02:00PM - 05:10PM 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  
Sequel to CHE-1A: reaction rates, equilibrium, acid-base, thermodynamics, electrochemistry, nuclear, inorganic and organic chemistry.  
PREREQUISITE: CHE-1A or 1AH.  
**38710**  Last day to add: 09/08/17  
WE 08/28/17 12/14/17 06:30PM - 07:55PM MW LIBR 109  
WEL 08/28/17 12/14/17 06:30PM - 09:40PM TTH HUM 208  
The above section is a web-enhanced class. Internet access is required.  
**Instructor:** A. Esposito  

**CHE-2A  Intro Chemistry I**  4 UNITS  
Introductory chemical concepts with health and environmental applications; fulfills the needs of non-science majors.  
PREREQUISITE: MAT-52.  
**38114**  Last day to add: 09/08/17  
WE 08/28/17 12/14/17 10:30AM - 11:55AM MW HUM 204  
WEL 08/28/17 12/14/17 08:45AM - 11:55AM T HUM 204  
The above section is a web-enhanced class. Internet access is required.  
**Instructor:** S. Tyler  

**CHE-2A  Intro Chemistry I**  4 UNITS  
Introductory chemical concepts with health and environmental applications; fulfills the needs of non-science majors.  
PREREQUISITE: MAT-52.  
**38115**  Last day to add: 09/08/17  
WE 08/28/17 12/14/17 11:15AM - 12:40PM TTH WEQ W6  
WEL 08/28/17 12/14/17 02:00PM - 05:10PM TH HUM 204  
The above section is a web-enhanced class. Internet access is required.  
**Instructor:** A. Duggal  

**CHE-2A  Intro Chemistry I**  4 UNITS  
Introductory chemical concepts with health and environmental applications; fulfills the needs of non-science majors.  
PREREQUISITE: MAT-52.  
**38118**  Last day to add: 09/08/17  
WE 08/28/17 12/14/17 11:15AM - 12:40PM TTH WEQ W6  
WEL 08/28/17 12/14/17 02:00PM - 05:10PM T HUM 204  
The above section is a web-enhanced class. Internet access is required.  
**Instructor:** A. Duggal  

**CHE-2A  Intro Chemistry I**  4 UNITS  
Introductory chemical concepts with health and environmental applications; fulfills the needs of non-science majors.  
PREREQUISITE: MAT-52.  
**38116**  Last day to add: 09/08/17  
WE 08/28/17 12/14/17 02:30PM - 03:55PM MW ATEC 114  
WEL 08/28/17 12/14/17 08:45AM - 11:55AM F HUM 204  
The above section is a web-enhanced class. Internet access is required.  
**Instructor:** J. Tyler  

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

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<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
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<th>CRN</th>
<th>Days and Times</th>
<th>Instructor</th>
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<tr>
<td>CHE-2A</td>
<td>Intro Chemistry I</td>
<td>4</td>
<td>Introductory chemical concepts with health and environmental applications; fulfills the needs of non-science majors.</td>
<td>09/08/17</td>
<td>38117</td>
<td>WE 08/28/17 12/14/17 02:30PM 03:55PM MW ATEC 114 WEL 08/28/17 12/14/17 01:00PM 04:10PM F HUM 204</td>
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<tr>
<td>CHE-2A</td>
<td>Intro Chemistry I</td>
<td>4</td>
<td>Introductory chemical concepts with health and environmental applications; fulfills the needs of non-science majors.</td>
<td>09/08/17</td>
<td>38112</td>
<td>WE 08/28/17 12/14/17 04:15PM 05:40PM TTH ATEC 114 WEL 08/28/17 12/14/17 08:45AM 11:55AM W HUM 204</td>
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<tr>
<td>CHE-2A</td>
<td>Intro Chemistry I</td>
<td>4</td>
<td>Introductory chemical concepts with health and environmental applications; fulfills the needs of non-science majors.</td>
<td>09/08/17</td>
<td>38110</td>
<td>WE 08/28/17 12/14/17 06:00PM 09:10PM T IT 117 WEL 08/28/17 12/14/17 06:00PM 09:10PM TH HUM 204</td>
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<tr>
<td>CHE-12A</td>
<td>Organic Chemistry I</td>
<td>5</td>
<td>Structure and reactivity of the compounds of carbon for pre-professional programs and science majors.</td>
<td>09/08/17</td>
<td>38106</td>
<td>WE 08/28/17 12/14/17 02:00PM 03:25PM TTH IT 208 WEL 08/28/17 12/14/17 08:45AM 11:55AM TTH HUM 208</td>
<td>V Lee</td>
</tr>
<tr>
<td>CHE-12B</td>
<td>Organic Chemistry II</td>
<td>5</td>
<td>Continued study of structure and reactivity of carbon compounds with increasing emphasis on biological applications.</td>
<td>09/08/17</td>
<td>38713</td>
<td>WE 08/28/17 12/14/17 02:30PM 03:55PM MW STEM 125 WEL 08/28/17 12/14/17 08:45AM 11:55AM F HUM 208 WEL2 08/28/17 12/14/17 01:00PM 04:10PM F HUM 208</td>
<td>5 Tyler</td>
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<tr>
<td>CIS-1A</td>
<td>Intro to Comp Info Sys</td>
<td>3</td>
<td>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.</td>
<td>09/08/17</td>
<td>38124</td>
<td>OL 08/28/17 12/14/17 ON LINE OL 08/28/17 12/14/17 ON LINE</td>
<td>J Perry</td>
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<td>CIS-1A</td>
<td>Intro to Comp Info Sys</td>
<td>3</td>
<td>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.</td>
<td>09/08/17</td>
<td>38126</td>
<td>OL 08/28/17 12/14/17 ON LINE OL 08/28/17 12/14/17 ON LINE</td>
<td>J Perry</td>
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<td>CIS-1A</td>
<td>Intro to Comp Info Sys</td>
<td>3</td>
<td>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.</td>
<td>09/08/17</td>
<td>38128</td>
<td>OL 08/28/17 12/14/17 ON LINE OL 08/28/17 12/14/17 ON LINE</td>
<td>C Brotherton</td>
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</table>

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<tbody>
<tr>
<td>CIS-1A</td>
<td>Intro to Comp Info Sys</td>
<td>3</td>
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</table>

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.

<table>
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<th>Code</th>
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<th>Time</th>
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<td>38130</td>
<td>09/08/17</td>
<td>OL</td>
<td>08/28/17 - 12/14/17</td>
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**Instructor:** C Brotherton

<table>
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<tr>
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<tbody>
<tr>
<td>CIS-2</td>
<td>Fndmntls System Analysis</td>
<td>3</td>
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</tbody>
</table>

Structured analysis of user requirements related to information systems, for eventual design/development of the system. (Same as CSC-2)

**PREREQUISITE:** None.

<table>
<thead>
<tr>
<th>Code</th>
<th>Last day to add:</th>
<th>Days</th>
<th>Time</th>
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<td>38840</td>
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The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). All hours, including the 18-hour laboratory requirement, are completed online.

**Instructor:** J Coverdale

<table>
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<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>CIS-3</td>
<td>Computer Applications for Business</td>
<td>3</td>
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</table>

Introductory to intermediate concepts covering Windows operating system, file management, and various aspects of typical office applications for business and office professionals. (Same as BUS/CAT-3)

**PREREQUISITE:** None.

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<tr>
<th>Code</th>
<th>Last day to add:</th>
<th>Days</th>
<th>Time</th>
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<td>38825</td>
<td>09/08/17</td>
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<td>09/01/17 - 10/21/17</td>
<td>10:00AM - 11:00AM</td>
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The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates. Designated laboratory hours are included in the meeting times for this class.

**Instructor:** C McConnell-Freeman

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-5</td>
<td>Programming Concepts and Methodology I C++</td>
<td>4</td>
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</tbody>
</table>

Introduction to computer science for gaming, business, scientific and mathematical applications using C++. (Same as CSC-5)

**PREREQUISITE:** None.

**ADVISORY:** CIS-1A.

<table>
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<th>Days</th>
<th>Time</th>
<th>Location</th>
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<td>12:00PM - 1:00PM</td>
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</table>

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). All hours, including the 54-hour laboratory requirement, are completed online.

**Instructor:** T Pryor
<table>
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<th>Description</th>
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<tr>
<td>CIS-5</td>
<td>Programming Concepts and Methodology I C++</td>
<td>4</td>
<td>Introduction to computer science for gaming, business, and mathematical applications using C++. (Same as CSC-5)</td>
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<td>PREREQUISITE: None.</td>
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<td>The above section is a web-enhanced class. Computer with Internet access required. Designated laboratory hours are included in the meeting times for this class.</td>
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<td>Instructor: J Finley</td>
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<td>CIS-5</td>
<td>Programming Concepts and Methodology I C++</td>
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<td>Instructor: J Perry</td>
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<td>CIS-5</td>
<td>Programming Concepts and Methodology I C++</td>
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<td>Introduction to computer science for gaming, business, and mathematical applications using C++. (Same as CSC-5)</td>
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<td>Instructor: M Chapman</td>
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<td>CIS-7</td>
<td>Discrete Structures</td>
<td>3</td>
<td>Introduction to discrete structures for Computer Science majors. (Same as CSC-7)</td>
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<td>PREREQUISITE: CIS/CSC-5.</td>
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<td>Instructor: JW Wilson</td>
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<tr>
<td>CIS-17A</td>
<td>Prog Concepts and Methodology II: C++</td>
<td>3</td>
<td>Object-Oriented program development using C++. (Same as CSC-17A)</td>
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<td>PREREQUISITE: CIS/CSC-5.</td>
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<td>Instructor: A Rainey</td>
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</table>
CIS-66  Web Development I  3 UNITS
An introduction to the web technologies and languages. This course provides in-depth understanding of the roles of markup and scripting languages to display text and multimedia content for basic web pages.
PREREQUISITE: None.
38136  Last day to add: 09/13/17
WE 09/02/17  12/02/17  08:00AM  11:35AM  S  ATEC 118
WEL 09/02/17  12/02/17  11:45AM  12:50PM  S  ATEC 118
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates. Designated laboratory hours are included in the meeting times for this class.
Instructor: W Manges

CIS-78A Intro Adobe Photoshop  3 UNITS
Introduction to Adobe Photoshop including selections, layers, masks, channels and vector art for manipulating images. (Same as CAT-78A)
PREREQUISITE: None.
38138  Last day to add: 09/08/17
WE 08/28/17  12/14/17  08:00AM  09:25AM  TTH  IT 127
WEL 08/28/17  12/14/17  09:35AM  10:25AM  T  IT 127
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-79 Intro Adobe Illustrator  3 UNITS
Fundamentals of Adobe Illustrator including creating objects, drawing paths, designing with type and working with graphics. (Same as CAT-79)
PREREQUISITE: None.
38832  Last day to add: 09/08/17
WE 08/28/17  12/14/17  10:35AM  12:00PM  TTH  IT 127
WEL 08/28/17  12/14/17  12:10PM  01:00PM  TH  IT 127
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-80 Word for Windows  3 UNITS
Provides beginning, intermediate and advanced levels of skill applied to a variety of professional/business documents. (Same as CAT-80)
PREREQUISITE: None.
ADVISORY: Typing knowledge/skills of at least 40 wpm.
38139  Last day to add: 09/08/17
OL 08/28/17  12/14/17  ON LINE
OLL 08/28/17  12/14/17  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: B Fuller

CIS-93 Computers for Beginners  3 UNITS
An introduction to personal computers for the beginning student. (Same as CAT-93)
PREREQUISITE: None.
38141  Last day to add: 09/06/17
WE 09/01/17  10/21/17  08:00AM  11:35AM  FS  IT 202
WEL 09/01/17  10/21/17  11:45AM  12:35PM  FS  IT 202
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates. Designated laboratory hours are included in the meeting times for this class.
Instructor: C McConnell-Freeman

CIS-98A Introduction to Excel  1.50 UNITS
An introduction to electronic spreadsheets using Excel. (Same as CAT-98A)
PREREQUISITE: None.
38142  Last day to add: 10/31/17
WE 10/27/17  12/09/17  02:30PM  04:35PM  FS  IT 202
WEL 10/27/17  12/09/17  04:45PM  06:05PM  FS  IT 202
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates. Designated laboratory hours are included in the meeting times for this class.
Instructor: B Fuller

COMMUNICATION STUDIES

COM-1 Public Speaking  3 UNITS
Prepare, present and evaluate a variety of speeches.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38843  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  07:10AM  08:35AM  MW  IT 108
Instructor: F Shibley

COM-1 Public Speaking  3 UNITS
Prepare, present and evaluate a variety of speeches.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38145  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  08:00AM  09:25AM  TTH  IT 210
Instructor: A Olaerts

COM-1 Public Speaking  3 UNITS
Prepare, present and evaluate a variety of speeches.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38154  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  08:45AM  10:10AM  MW  IT 210
Instructor: M Lewis
COM-1 Public Speaking 3 UNITS
Prepare, present and evaluate a variety of speeches.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38151 Last day to add: 09/08/17
WE 09/01/17 12/08/17 09:00AM 01:05PM F IT 210
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: L Tat

COM-1 Public Speaking 3 UNITS
Prepare, present and evaluate a variety of speeches.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38143 Last day to add: 09/08/17
WE 08/28/17 12/14/17 04:15PM 05:40PM T TH IT 210
The above section is a web-enhanced class. Internet access is required.
Instructor: L Tat

COM-1 Public Speaking 3 UNITS
Prepare, present and evaluate a variety of speeches.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38146 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 10:30AM 11:55AM MW IT 210
Instructor: M Lewis

COM-1 Public Speaking 3 UNITS
Prepare, present and evaluate a variety of speeches.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38148 Last day to add: 09/08/17
WE 08/28/17 12/14/17 12:45PM 02:10PM MW IT 210
The above section is a web-enhanced class. Internet access is required.
Instructor: D Romo

COM-1 Public Speaking 3 UNITS
Prepare, present and evaluate a variety of speeches.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38150 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 02:00PM 03:25PM T TH IT 211
Instructor: M Lewis

COM-1 Public Speaking 3 UNITS
Prepare, present and evaluate a variety of speeches.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38152 Last day to add: 09/08/17
WE 08/28/17 12/14/17 04:15PM 05:40PM MW IT 210
The above section is a web-enhanced class. Internet access is required.
Instructor: L Tat

COM-1 Public Speaking 3 UNITS
Prepare, present and evaluate a variety of speeches.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38144 Last day to add: 09/08/17
WE 08/28/17 12/14/17 06:00PM 09:10PM M IT 210
The above section is a web-enhanced class. Internet access is required.
Instructor: N Aceves

COM-1 Public Speaking 3 UNITS
Prepare, present and evaluate a variety of speeches.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38147 Last day to add: 09/08/17
WE 08/28/17 12/14/17 06:30PM 09:40PM T IT 210
The above section is a web-enhanced class. Internet access is required.
Instructor: K Dhaliwal

COM-1H Honors Public Speaking 3 UNITS
Enhanced instruction in the preparation, presentation and evaluation of a variety of speeches for students in the Honors Program.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A. LIMITATION ON ENROLLMENT: Enrollment in the Honors Program.
38743 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 09:40AM 11:55AM TH JFK 102
Instructor: A Olaerts
COM-3  Argumentation and Debate  3 UNITS
Prepare and orally present different types of debate and develop ethical and well-reasoned arguments supported by evidence.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38159  Last day to add: 09/08/17
WE  08/28/17  12/14/17  08:45AM  10:10AM  MW  IT 123
The above section is a web-enhanced class. Internet access is required.
Instructor: D Romo

COM-3  Argumentation and Debate  3 UNITS
Prepare and orally present different types of debate and develop ethical and well-reasoned arguments supported by evidence.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38158  Last day to add: 09/08/17
WE  08/28/17  12/14/17  10:30AM  11:55AM  MW  IT 208
The above section is a web-enhanced class. Internet access is required.
Instructor: D Romo

COM-6  Dynamics of Small Group Communication  3 UNITS
Prepares students for effective, ethical participation and leadership in small groups and teams. Develops student's competence and confidence as a group member and leader.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38160  Last day to add: 09/08/17
WE  08/28/17  12/14/17  12:45PM  02:10PM  MW  IT 109
The above section is a web-enhanced class. Internet access is required.
Instructor: D Romo

COM-9  Interpersonal Communication  3 UNITS
Analyzes the dynamics, components and ethics of the two-person communication process in relationships.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38166  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  09:40AM  11:05AM  TH  WEQ W5
Instructor: M Lewis

COM-9  Interpersonal Communication  3 UNITS
Analyzes the dynamics, components and ethics of the two-person communication process in relationships.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38744  Last day to add: 09/12/17
WE  09/01/17  12/08/17  01:45PM  05:05PM  F  IT 210
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: A Razook

COM-9  Interpersonal Communication  3 UNITS
Analyzes the dynamics, components and ethics of the two-person communication process in relationships.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38163  Last day to add: 09/08/17
WE  08/28/17  12/14/17  02:30PM  03:55PM  MW  IT 211
The above section is a web-enhanced class. Internet access is required.
Instructor: R Stinson

COM-9  Interpersonal Communication  3 UNITS
Analyzes the dynamics, components and ethics of the two-person communication process in relationships.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38746  Last day to add: 09/08/17
HYB  08/28/17  12/14/17  02:30PM  03:55PM  T  IT 210
HYB0  08/28/17  12/14/17  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
Analyzes the dynamics, components and ethics of the two-person communication process in relationships.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38737  Last day to add: 09/08/17
HYB  08/28/17  12/14/17  02:30PM  03:55PM  TH  IT 210
HYB0  08/28/17  12/14/17  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
Analyzes the dynamics, components and ethics of the two-person communication process in relationships.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38161  Last day to add: 09/08/17
WE  08/28/17  12/14/17  04:15PM  05:40PM  MW  IT 211
The above section is a web-enhanced class. Internet access is required.
Instructor: R Stinson

COM-9  Interpersonal Communication  3 UNITS
Analyzes the dynamics, components and ethics of the two-person communication process in relationships.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38165  Last day to add: 09/08/17
HYB  08/28/17  12/14/17  06:30PM  07:55PM  TH  IT 210
HYBO  08/28/17  12/14/17  ON LINE
The above section is a hybrid class. Computer with Internet access required.
Instructor: K Dhalliwal

COM-11  Storytelling  3 UNITS
Students learn the role and history of storytelling and select, prepare, and present stories from a variety of genres and cultures.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38155  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  11:15AM  12:40PM  THH  ATEC 210
Instructor: M Lewis

COM-12  Intercultural Communication  3 UNITS
Focuses on the communication behaviors and values common to all cultures and ethnic groups, and on the differences that may insulate and divide people.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.
38156  Last day to add: 09/05/17
OL  08/28/17  10/20/17  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

CONSTRUCTION TECHNOLOGY

CON-61  Materials of Constr  3 UNITS
Introduction to properties and use of materials commonly used in the construction of buildings.
PREREQUISITE: None.
38170  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:30PM  09:40PM  T  IT 123
Instructor: P Link

CON-62  Blueprint Reading  3 UNITS
Overview of the basic concepts of reading construction blueprints.
PREREQUISITE: None.
38171  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:00PM  09:10PM  M  IT 122
Instructor: R Skaggs

CON-63A  Uniform Bldg Code/Ordin  3 UNITS
Use of uniform building code in plan checking for compliance.
PREREQUISITE: None.
38172  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:00PM  09:10PM  TH  IT 123
Instructor: J Thomas

CON-63B  Analysis of Revisions-UBC  3 UNITS
This course is for students who have successfully completed CON-63A but need refreshing on code revisions.
PREREQUISITE: CON-63A.
38173  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:00PM  09:10PM  TH  IT 123
Instructor: J Thomas

CON-63C  Analysis of Revisions-UBC  3 UNITS
This course is for students who have successfully completed CON-63A but need refreshing on code revisions.
PREREQUISITE: CON-63A.
38174  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:00PM  09:10PM  TH  IT 123
Instructor: J Thomas

CON-63D  Analysis of Revisions-UBC  3 UNITS
This course is for students who have successfully completed CON-63A but need refreshing on code revisions.
PREREQUISITE: CON-63A.
38175  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:00PM  09:10PM  TH  IT 123
Instructor: J Thomas
CON-65  Plumbing Code  3 UNITS
Review of plumbing codes and regulations relating to construction.
PREREQUISITE: None.
38176  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:00PM  09:10PM  TH  IT 122
Instructor: T Keams

CON-66  National Elec Code  3 UNITS
Review of electrical codes and code requirements.
PREREQUISITE: None.
38815  Last day to add: 10/28/17
LEC  10/24/17  12/14/17  12:15PM  03:35PM  TTH  ATEC 119
The above section is a short term class. Please note the start and end dates.
Instructor: M Dowlatabadi

CON-66  National Elec Code  3 UNITS
Review of electrical codes and code requirements.
PREREQUISITE: None.
38177  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:30PM  09:40PM  W  IT 123
Instructor: J Thomas

CON-68  Bldg Inspectors Engr  3 UNITS
Fundamental static and stress calculations. Properties of sections.
PREREQUISITE: None.
38178  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:30PM  09:40PM  T  IT 123
Instructor: J Thomas

CON-70  Soil Tech Fundamentals  3 UNITS
Inspection and testing of soils, their classification and characteristics.
PREREQUISITE: None.
38179  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:30PM  09:40PM  T  IT 122
Instructor: J Thomas

CON-74  Construction Estimating  3 UNITS
This course will provide an overview of basic and advanced principles of estimating and bidding currently used in the construction industry from pre-bid to post-bid.
PREREQUISITE: CON-62.
38180  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:30PM  09:40PM  W  IT 122
Instructor: D Leyva

COMPUTER SCIENCE

CSC-7  Discrete Structures  3 UNITS
Introduction to discrete structures for Computer Science majors. (Same as CIS-7)
PREREQUISITE: CIS/CSC-5.
38835  Last day to add: 09/08/17
WE  08/28/17  12/14/17  02:00PM  03:25PM  MW  CACT 2
WEL  08/28/17  12/14/17  03:35PM  04:25PM  W  CACT 2
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

DANCE

DAN-6  Dance Appreciation  3 UNITS
A non-technical course leading to the appreciation and understanding of dance as communication, entertainment and art.
PREREQUISITE: None.
38182  Last day to add: 09/12/17
WE  09/01/17  12/08/17  10:30AM  02:35PM  F  ATEC 114
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: E Goe

EARLY CHILDHOOD EDUCATION

EAR-19  Observation and Assessment-ECE  3 UNITS
Appropriate use of a variety of assessment and observation strategies to document child development and behavior.
PREREQUISITE: None.
38183  Last day to add: 09/08/17
WE  08/28/17  12/14/17  09:30AM  12:40PM  TH  IT 209
The above section is a web-enhanced class. Internet access is required.
Instructor: S Burnett

EAR-20  Child Growth and Development  3 UNITS
A comprehensive overview of concepts, issues and theories of human development from conception through adolescence.
PREREQUISITE: None.
38187  Last day to add: 09/08/17
OL  08/28/17  12/14/17  ON LINE
The above section is an online class. Computer with Internet access required.
Instructor: S Burnett
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EAR-20</td>
<td>Child Growth and Development</td>
<td>3 UNITS</td>
<td>A comprehensive overview of concepts, issues and theories of human development from conception through adolescence. PREREQUISITE: None.</td>
</tr>
<tr>
<td>38185</td>
<td>Last day to add: 09/08/17</td>
<td></td>
<td>The above section is a web-enhanced class. Internet access is required. Instructor: S Burnett</td>
</tr>
<tr>
<td>EAR-20</td>
<td>Child Growth and Development</td>
<td>3 UNITS</td>
<td>A comprehensive overview of concepts, issues and theories of human development from conception through adolescence. PREREQUISITE: None.</td>
</tr>
<tr>
<td>38186</td>
<td>Last day to add: 09/08/17</td>
<td></td>
<td>The above section is a web-enhanced class. Internet access is required. Instructor: S Burnett</td>
</tr>
<tr>
<td>EAR-20</td>
<td>Child Growth and Development</td>
<td>3 UNITS</td>
<td>A comprehensive overview of concepts, issues and theories of human development from conception through adolescence. PREREQUISITE: None.</td>
</tr>
<tr>
<td>38184</td>
<td>Last day to add: 09/08/17</td>
<td></td>
<td>The above section is a web-enhanced class. Internet access is required. Instructor: S Burnett</td>
</tr>
<tr>
<td>EAR-24</td>
<td>Introduction to Curriculum</td>
<td>3 UNITS</td>
<td>An overview of knowledge and skills related to providing appropriate curriculum and environments for young children from birth to age 6. PREREQUISITE: None.</td>
</tr>
<tr>
<td>38188</td>
<td>Last day to add: 09/08/17</td>
<td></td>
<td>The above section is a web-enhanced class. Internet access is required. Instructor: S Burnett</td>
</tr>
<tr>
<td>EAR-25</td>
<td>Teaching in a Diverse Society</td>
<td>3 UNITS</td>
<td>Students will examine the development of social identities in a diverse society and consider culturally relevant and linguistically anti-bias approaches to supporting all children become competent members of a diverse society. PREREQUISITE: None.</td>
</tr>
<tr>
<td>38189</td>
<td>Last day to add: 09/08/17</td>
<td></td>
<td>The above section is a web-enhanced class. Internet access is required. Instructor: S Burnett</td>
</tr>
<tr>
<td>EAR-28</td>
<td>Principles and Practices</td>
<td>3 UNITS</td>
<td>An examination of the underlying theoretical principles of developmentally appropriate practices as they apply to various aspects of early childhood education. PREREQUISITE: None.</td>
</tr>
<tr>
<td>38191</td>
<td>Last day to add: 09/08/17</td>
<td></td>
<td>The above section is a web-enhanced class. Internet access is required. Instructor: S Burnett</td>
</tr>
<tr>
<td>EAR-33</td>
<td>Infant and Toddler Development</td>
<td>3 UNITS</td>
<td>A study of infants and toddlers development from pre-conception to age three. PREREQUISITE: None.</td>
</tr>
<tr>
<td>38192</td>
<td>Last day to add: 09/08/17</td>
<td></td>
<td>The above section is a web-enhanced class. Internet access is required. Instructor: S Burnett</td>
</tr>
<tr>
<td>EAR-40</td>
<td>Intro Children With Special Needs</td>
<td>3 UNITS</td>
<td>Introduces concepts basic to an understanding of infants and young children with special needs and their families. Observation required. PREREQUISITE: None.</td>
</tr>
<tr>
<td>38193</td>
<td>Last day to add: 09/08/17</td>
<td></td>
<td>The above section is a web-enhanced class. Internet access is required. Instructor: S Burnett</td>
</tr>
<tr>
<td>EAR-42</td>
<td>Child, Family, and Community</td>
<td>3 UNITS</td>
<td>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.</td>
</tr>
<tr>
<td>38812</td>
<td>Last day to add: 09/08/17</td>
<td></td>
<td>The above section is an online class. Computer with Internet access required. See <a href="http://www.opencampus.com">www.opencampus.com</a>. Instructor: T Oliver</td>
</tr>
<tr>
<td>EAR-42</td>
<td>Child, Family, and Community</td>
<td>3 UNITS</td>
<td>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.</td>
</tr>
<tr>
<td>38194</td>
<td>Last day to add: 09/08/17</td>
<td></td>
<td>The above section is a web-enhanced class. Internet access is required. Instructor: Staff</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Units</td>
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</tr>
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</tr>
<tr>
<td>ECO-4</td>
<td>Intro Economics</td>
<td>3</td>
<td>An entry-level, general education course which introduces and surveys basic macroeconomic and microeconomic principles.</td>
</tr>
<tr>
<td>ECO-7</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
<td>Economic theory and analysis as applied to the U.S. economy as a whole.</td>
</tr>
<tr>
<td>ECO-8</td>
<td>Principles of Microeconomics</td>
<td>3</td>
<td>Economic theory and analysis applied to consumer and producer behavior in markets.</td>
</tr>
<tr>
<td>ELE-11</td>
<td>DC Electronics</td>
<td>4</td>
<td>Basic DC electrical theory, devices, circuits and applications including resistors, capacitors, coils and motors.</td>
</tr>
<tr>
<td>ELE-13</td>
<td>AC Electronics</td>
<td>4</td>
<td>Alternating Current (AC) theory, devices, circuits, applications, calculations and measurements of various parameters.</td>
</tr>
</tbody>
</table>
ELE-23  Elect Devices and Circuits  4 UNITS
Characteristics and circuit applications of electronic devices.
PREREQUISITE: None.
ADVISORY: ELE-21.
38818  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:00PM  07:25PM  TTH  CACT 1
LAB  08/28/17  12/14/17  07:35PM  09:00PM  TTH  CACT 1
Instructor: M Dowlatabadi

ELE-27  Technical Communications  3 UNITS
Procedures for organizing and presenting technical data. (Same as ENE-27)
PREREQUISITE: None.
38206  Last day to add: 09/04/17
LEC  08/29/17  10/19/17  10:30AM  01:50PM  TTH  ATEC 119
Instructor: G Graham

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

ELE-27  Technical Communications  3 UNITS
Procedures for organizing and presenting technical data. (Same as ENE-27)
PREREQUISITE: None.
38819  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:30PM  09:45PM  W  CACT 1
Instructor: G Balteria

ELE-63  Labview Visual Programming  3 UNITS
Prepares students to develop test and measurement systems, data acquisition, instrument control, data logging, and measurement analysis application using LabVIEW. (Same as MAN-63)
PREREQUISITE: None.
ADVISORY: CIS-1A.
38821  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:00PM  06:50PM  MW  IT 124
LAB  08/28/17  12/14/17  07:00PM  08:25PM  MW  IT 124
Instructor: K Rad

ELE-74  Industrial Wiring and Controls  4 UNITS
Industrial controls and electrical wiring of modern facilities, manufacturing, or warehousing. (Same as MAN-74)
PREREQUISITE: None.
38817  Last day to add: 10/28/17
WE  10/24/17  12/14/17  09:30AM  12:50PM  TTH  IT 124
WEL  10/24/17  12/14/17  02:00PM  05:20PM  TTH  IT 124
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-77  Electrical Theory  3 UNITS
Introduces students to fundamentals of electrical theory A/C and D/C. (Same as MAN-77)
PREREQUISITE: None.
38234  Last day to add: 10/29/17
LEC  10/23/17  12/13/17  12:40PM  03:50PM  MW  ATEC 119
Instructor: G Graham

ELE-77  Electrical Theory  3 UNITS
Introduces students to fundamentals of electrical theory A/C and D/C. (Same as MAN-77)
PREREQUISITE: None.
38733  Last day to add: 09/08/17
WE  08/28/17  12/14/17  06:30PM  09:40PM  M  ATEC 119
WEL  The above section is a web-enhanced class. Internet access is required.
Instructor: G Graham

ELE-400  Intro Electrical Trades Construction  3.50 UNITS
Electrician training includes construction job-site OSHA safety, first aid and CPR with AED, safe work practices, hazard identification, personal protective equipment, substance abuse, and math review for electrical trade workers.
PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered state indentured apprentice.
38216  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  08:30PM  11:40PM  M  ATEC 119
LAB  08/28/17  12/14/17  07:00PM  10:10PM  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-400  Intro Electrical Trades Construction  3.50 UNITS
Electrician training includes construction job-site OSHA safety, first aid and CPR with AED, safe work practices, hazard identification, personal protective equipment, substance abuse, and math review for electrical trade workers.
PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered state indentured apprentice.
38208  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  03:00PM  04:10PM  MW  JACT 1
LAB  08/28/17  12/14/17  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-400  Intro Electrical Trades Construction  3.50 UNITS
Electrician training includes construction job-site OSHA safety, first aid and CPR with AED, safe work practices, hazard identification, personal protective equipment, substance abuse, and math review for electrical trade workers.
PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered state indentured apprentice.
38207  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:00PM  07:10PM  MW  JACT 1
LAB  08/28/17  12/14/17  07:20PM  08:45PM  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-400  Intro Electrical Trades Construction  3.50 UNITS
Electrician training includes construction job-site OSHA safety, first aid and CPR with AED, safe work practices, hazard identification, personal protective equipment, substance abuse, and math review for electrical trade workers.
PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered state indentured apprentice.
38209  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:00PM  07:10PM  MW  JACT 9
LAB  08/28/17  12/14/17  07:20AM  08:45PM  MW  JACT 9
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-402  Adv. Dc, Basic Ac, Test Equip. and Nec  3.50 UNITS
Circuit analysis techniques, series, parallel, and combination DC circuits, test equipment, National Electric Code (NEC), and basic 3-Phase AC circuits. PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered state indentured apprentice.

ELE-402  Adv. Dc, Basic Ac, Test Equip. and Nec  3.50 UNITS
Circuit analysis techniques, series, parallel, and combination DC circuits, test equipment, National Electric Code (NEC), and basic 3-Phase AC circuits. PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered state indentured apprentice.

ELE-402  Adv. Dc, Basic Ac, Test Equip. and Nec  3.50 UNITS
Circuit analysis techniques, series, parallel, and combination DC circuits, test equipment, National Electric Code (NEC), and basic 3-Phase AC circuits. PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered state indentured apprentice.

Instructor: Staff

ELE-404  Digital, Conductors and NEC  3.50 UNITS
Digital logic concepts and real-world application. Electrician identification, selection, and installation of electrical conductors in accordance with National Electrical Code (NEC).

PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered state indentured apprentice.

ELE-404  Digital, Conductors and NEC  3.50 UNITS
Digital logic concepts and real-world application. Electrician identification, selection, and installation of electrical conductors in accordance with National Electrical Code (NEC).

PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered state indentured apprentice.

ELE-404  Digital, Conductors and NEC  3.50 UNITS
Digital logic concepts and real-world application. Electrician identification, selection, and installation of electrical conductors in accordance with National Electrical Code (NEC).

PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered state indentured apprentice.

ELE-406  Grounding, Adv Prints and Motor  3.50 UNITS
Advanced blueprint reading and specifications; Study of motor design, applications, with National Electric Code concepts.

PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered state indentured apprentice.
ELE-408  Transformers, Test Equipment, Grid Mgmt.  3.50 UNITS
Electrician theory and the fielding of transformers, test equipment; includes management and leadership principles for supervisors, along with special equipment for grid security systems.
PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered state indentured apprentice.
38222  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  03:00PM  04:10PM  MW  JACT 7
LAB  08/28/17  12/14/17  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-408  Transformers, Test Equipment, Grid Mgmt.  3.50 UNITS
Electrician theory and the fielding of transformers, test equipment; includes management and leadership principles for supervisors, along with special equipment for grid security systems.
PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered state indentured apprentice.
38224  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  03:00PM  04:10PM  MW  JACT 5
LAB  08/28/17  12/14/17  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-408  Transformers, Test Equipment, Grid Mgmt.  3.50 UNITS
Electrician theory and the fielding of transformers, test equipment; includes management and leadership principles for supervisors, along with special equipment for grid security systems.
PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered state indentured apprentice.
38220  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  03:00PM  04:10PM  TTH  JACT 5
LAB  08/28/17  12/14/17  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-408  Transformers, Test Equipment, Grid Mgmt.  3.50 UNITS
Electrician theory and the fielding of transformers, test equipment; includes management and leadership principles for supervisors, along with special equipment for grid security systems.
PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered state indentured apprentice.
38223  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:00PM  07:10PM  MW  JACT 7
LAB  08/28/17  12/14/17  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-408  Transformers, Test Equipment, Grid Mgmt.  3.50 UNITS
Electrician theory and the fielding of transformers, test equipment; includes management and leadership principles for supervisors, along with special equipment for grid security systems.
PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered state indentured apprentice.
38221  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:00PM  07:10PM  TH  JACT 5
LAB  08/28/17  12/14/17  07:20PM  08:45PM  TH  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-420  Intro to Sound/Communications  3.50 UNITS
Introduction to the sound and communication industry, electrical code, fundamentals of wiring methods, fastening devices, electrical conductors, circuits, voltage and data communication.
PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered state indentured apprentice.
38225  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:00PM  07:10PM  MW  JACT 8
LAB  08/28/17  12/14/17  07:20PM  08:45PM  MW  JACT 8
The above course is part of a 3-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.
Instructor: Staff

ELE-422  Electrical Theory and Practices AC  3.50 UNITS
Study of apprenticeship, electrical inductance, capacitance and reactance, including grounded conductors, branch circuits, transformer principles, RCL circuits and filters.
PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered state indentured apprentice.
38226  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  03:00PM  04:10PM  MW  JACT 8
LAB  08/28/17  12/14/17  04:20PM  05:45PM  MW  JACT 8
The above course is part of a 3-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.
Instructor: Staff

ELE-424  Intro to Digital Elec/Signaling Devices  3.50 UNITS
Study of digital electronics technology and electronic equipment, including digital systems, binary and decimal numbering systems, logic circuits, Boolean algebra and converters.
PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered state indentured apprentice.
38227  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:00PM  07:10PM  TH  JACT 8
LAB  08/28/17  12/14/17  07:20PM  08:45PM  TH  JACT 8
The above course is part of a 3-year apprenticeship program. Interested students may apply to the Riverside and San Bernardino Joint Electrical Apprenticeship Training Committee. (909) 890-1703.
Instructor: Staff

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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ENGINEERING

ENE-21  Drafting  3 UNITS
Fundamentals of mechanical drawing including lettering, instruments, projection, freehand drawing, and auxiliary views.
PREREQUISITE: None.
LEC 08/28/17 12/14/17 02:00PM 03:25PM T ATEC 109
LAB 08/28/17 12/14/17 03:45PM 05:25PM T ATEC 109
LAB2 08/28/17 12/14/17 02:00PM 05:25PM TH ATEC 109
Instructor: Staff

ENE-22  Engineering Drawing  3 UNITS
Drafting fundamentals reviewed geometric construction, orthographic projections, freehand sketching, sectioning, etc.
PREREQUISITE: ENE-21.
LEC 08/28/17 12/14/17 06:00PM 07:25PM M ATEC 109
LAB 08/28/17 12/14/17 07:35PM 09:40PM M ATEC 109
LAB2 08/28/17 12/14/17 06:00PM 09:10PM W ATEC 109
Instructor: Staff

ENE-27  Technical Communications  3 UNITS
Procedures for organizing and presenting technical data. (Same as ELE-27)
PREREQUISITE: None.
LEC 08/28/17 12/14/17 02:10PM 03:35PM M IT 127
LAB 08/28/17 12/14/17 03:45PM 05:50PM M IT 127
LAB2 08/28/17 12/14/17 02:10PM 05:20PM W IT 127
Instructor: Staff

ENE-30  Computer Aided Drafting  3 UNITS
Two-dimensional computer-aided drafting, using AUTOCAD.
ADVISORY: CIS-1A.
LEC 08/28/17 12/14/17 08:00AM 09:25AM M CACT 2
LAB 08/28/17 12/14/17 09:35AM 11:40AM M CACT 2
LAB2 08/28/17 12/14/17 08:00AM 11:10AM W CACT 2
Instructor: K. Rad

ENE-30  Computer Aided Drafting  3 UNITS
Two-dimensional computer-aided drafting, using AUTOCAD.
ADVISORY: CIS-1A.
LEC 08/28/17 12/14/17 02:10PM 03:35PM T IT 125
LAB 08/28/17 12/14/17 03:45PM 05:50PM T IT 125
LAB2 08/28/17 12/14/17 02:10PM 05:20PM TH IT 125
Instructor: Staff

ENE-30  Computer Aided Drafting  3 UNITS
Two-dimensional computer-aided drafting, using AUTOCAD.
ADVISORY: CIS-1A.
LEC 08/28/17 12/14/17 06:15PM 07:40PM M IT 125
LAB 08/28/17 12/14/17 07:50PM 09:55PM M IT 125
LAB2 08/28/17 12/14/17 06:15PM 09:25PM W IT 125
Instructor: Staff

ENE-42  Solidworks I  3 UNITS
Basic parametric solid modeling techniques using SolidWorks and advancing into complex assemblies requiring animation.
ADVISORY: PC computer experience.
LEC 08/28/17 12/14/17 08:00AM 09:25AM M IT 125
LAB 08/28/17 12/14/17 09:35AM 11:40AM M IT 125
LAB2 08/28/17 12/14/17 08:00AM 11:10AM W IT 125
Instructor: S. Hall

ENE-42  Solidworks I  3 UNITS
Basic parametric solid modeling techniques using SolidWorks and advancing into complex assemblies requiring animation.
ADVISORY: PC computer experience.
LEC 08/28/17 12/14/17 06:00PM 07:25PM T IT 125
LAB 08/28/17 12/14/17 07:35PM 09:10PM T IT 125
LAB2 08/28/17 12/14/17 06:00PM 09:30PM TH IT 125
Instructor: Staff

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ENGLISH 60B
Beginning course in blueprint reading. This course is designed for the machine trades.
PREREQUISITE: None.

ENGLISH 60A
The above section is an online class. Computer with Internet access required.
See www.opencampus.com. All hours, including the 18-hour laboratory requirement, will be completed online.
Instructor: E Rossi

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

ENGLISH 60A
There is no PREREQUISITE; the course is open to all students. It is strongly recommended that students register in an appropriate composition course (ENG-60A, 60B, 80, 50, or ENG-1A) during their first semester of enrollment. See "Moving through English" for more details.

ENGLISH COMPOSITION COURSES

ENG-1A English Composition 4 UNITS
Teaches college-level critical reading, academic writing, and research skills.
PREREQUISITE: ENG-50 or 80 or qualifying placement level.

ENG-1A English Composition 4 UNITS
Teaches college-level critical reading, academic writing, and research skills.
PREREQUISITE: ENG-50 or 80 or qualifying placement level.

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

ENGLISH 60A
There is no PREREQUISITE; the course is open to all students. It is strongly recommended that students register in an appropriate composition course (ENG-60A, 60B, 80, 50, or ENG-1A) during their first semester of enrollment. See "Moving through English" for more details.
ENG-1A  English Composition  4 UNITS
Teaches college-level critical reading, academic writing, and research skills. PREREQUISITE: ENG-50 or 80 or qualifying placement level.
38728  Last day to add: 09/05/17
OL  08/28/17  10/20/17
OLL  08/28/17  10/20/17
The above section is a short term online class. Students are required to register for ENG-1A-38728 and ENG-1B-38277 during this semester. 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: S Tschetter

ENG-1A  English Composition  4 UNITS
Teaches college-level critical reading, academic writing, and research skills. PREREQUISITE: ENG-50 or 80 or qualifying placement level.
38722  Last day to add: 09/08/17
WE  08/28/17  12/14/17  07:20AM  08:35AM  MWF  CACT 1
WEL  08/28/17  12/14/17  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: Exploring the Downtrodden For additional information, please email Cameron Young at Cameron.Young@rccd.edu.
Instructor: C Liang

ENG-1B  English Composition  4 UNITS
Teaches college-level critical reading, academic writing, and research skills. PREREQUISITE: ENG-50 or 80 or qualifying placement level.
38257  Last day to add: 09/08/17
WE  08/28/17  12/14/17  08:15AM  10:20AM  TTH  IT 111
WEL  08/28/17  12/14/17  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: Exploring the Downtrodden For additional information, please email Cameron Young at Cameron.Young@rccd.edu.
Instructor: C Young

Shaded areas indicate possible course placements

* Indicates UC/CSU transferable course
** Associate Degree applicable only

Moving through English, ESL and Reading

English as a Second Language
Oral Communication
ESL-91 Beginning
ESL-92 Intermediate
ESL-93** Advanced

Reading & Vocabulary
ESL-71 Basic
ESL-72 Intermediate
ESL-73** High Intermediate

Writing & Grammar
ESL-51 Basic
ESL-52 Low Intermediate
ESL-53 Intermediate
ESL-54* High Intermediate
ESL-55* Advanced

ESL-57 Optional non-transferable

ESL-71 Basic
ESL-72 Intermediate
ESL-73** High Intermediate
ESL-91 Beginning
ESL-92 Intermediate
ESL-93** Advanced

Reading

READING

It is recommended that students take English and Reading classes at the same time. Check placement score for the appropriate reading class.

ESL-71 Basic
ESL-72 Intermediate
ESL-73** High Intermediate
ESL-91 Beginning
ESL-92 Intermediate
ESL-93** Advanced

Shaded areas indicate possible course placements

* Indicates UC/CSU transferable course
** Associate Degree applicable only

English Composition

ENG-60A Fundamentals: Sentence to Paragraph
ENG-80 Preparatory Composition
ENG-60B Fundamentals: Paragraph to Essay
ENG-50 Basic Composition
ENG-57 Optional non-transferable
ENG-1A* Composition
ENG-1B* Critical Thinking & Writing

It is recommended that students take English and Reading classes at the same time. Check placement score for the appropriate reading class.

Reading

REE-81 Reading Level I
REE-82 Reading Level II
REE-83 Reading Level III

It is recommended that students take English and Reading classes at the same time. Check placement score for the appropriate reading class.

Reading

REE-81 Reading Level I
REE-82 Reading Level II
REE-83 Reading Level III

ENG-1A  English Composition  4 UNITS
Teaches college-level critical reading, academic writing, and research skills. PREREQUISITE: ENG-50 or 80 or qualifying placement level.
38257  Last day to add: 09/08/17
WE  08/28/17  12/14/17  08:15AM  10:20AM  TTH  IT 111
WEL  08/28/17  12/14/17  IT 121
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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  •  WRX - Work Experience Lecture  •  WRXH - Hybrid Work Experience  •  WRRKO - Work Experience Online

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
<th>prerequisite</th>
<th>last day to add</th>
<th>Instructor</th>
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<td>ENG-1A</td>
<td>English Composition</td>
<td>4 UNITS</td>
<td>Teaches college-level critical reading, academic writing, and research skills.</td>
<td>ENG-50 or 80 or qualifying placement level.</td>
<td>08/28/17</td>
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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  •  WRX - Work Experience Lecture  •  WRKH - Hybrid Work Experience  •  WRO - Work Experience Online
ENG-1A  English Composition  4 UNITS
Teaches college-level critical reading, academic writing, and research skills.
PREREQUISITE: ENG-50 or 80 or qualifying placement level.
38874  Last day to add: 09/08/17

WE  08/28/17  12/14/17  02:00PM  04:05PM  MW  ST 108
WEL  08/28/17  12/14/17  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 Moore

ENG-1A  English Composition  4 UNITS
Teaches college-level critical reading, academic writing, and research skills.
PREREQUISITE: ENG-50 or 80 or qualifying placement level.
38273  Last day to add: 09/08/17

WE  08/28/17  12/14/17  02:00PM  04:05PM  TTH  HUM 102
WEL  08/28/17  12/14/17  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
Teaches college-level critical reading, academic writing, and research skills.
PREREQUISITE: ENG-50 or 80 or qualifying placement level.
38256  Last day to add: 09/08/17

LEC  08/28/17  12/14/17  03:00PM  05:05PM  MW  IT 111
LAB  08/28/17  12/14/17  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: J Bonafede

ENG-1A  English Composition  4 UNITS
Teaches college-level critical reading, academic writing, and research skills.
PREREQUISITE: ENG-50 or 80 or qualifying placement level.
38275  Last day to add: 09/08/17

WE  08/28/17  12/14/17  04:15PM  06:20PM  MW  JFK 104
WEL  08/28/17  12/14/17  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: M Muldoon

ENG-1A  English Composition  4 UNITS
Teaches college-level critical reading, academic writing, and research skills.
PREREQUISITE: ENG-50 or 80 or qualifying placement level.
38724  Last day to add: 09/08/17

WE  08/28/17  12/14/17  04:15PM  06:20PM  MW  IT 206
WEL  08/28/17  12/14/17  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: G Roller
ENG-1A  English Composition  4 UNITS
Teaches college-level critical reading, academic writing, and research skills.
PREREQUISITE: ENG-50 or 80 or qualifying placement level.

3826 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 04:15PM 06:20PM MW JRF112
LAB 08/28/17 12/14/17 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 Harmer

ENG-1A  English Composition  4 UNITS
Teaches college-level critical reading, academic writing, and research skills.
PREREQUISITE: ENG-50 or 80 or qualifying placement level.

38267 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 04:15PM 06:20PM MW JRF112
LAB 08/28/17 12/14/17 IT 121
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Instructor: Staff

ENG-1A  English Composition  4 UNITS
Teaches college-level critical reading, academic writing, and research skills.
PREREQUISITE: ENG-50 or 80 or qualifying placement level.

38268 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 04:15PM 06:20PM MW JRF112
LAB 08/28/17 12/14/17 IT 121
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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 Harmer
ENG-1A  English Composition  4 UNITS
Teaches college-level critical reading, academic writing, and research skills.
PREREQUISITE: ENG-50 or 80 or qualifying placement level.
38723  Last day to add: 09/08/17
WE  08/28/17  12/14/17  06:30PM  08:35PM  MW  IT 206
WEL  08/28/17  12/14/17  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 Harmer

ENG-1A  English Composition  4 UNITS
Teaches college-level critical reading, academic writing, and research skills.
PREREQUISITE: ENG-50 or 80 or qualifying placement level.
38262  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:30PM  08:35PM  TTH  ST 108
LAB  08/28/17  12/14/17  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 Santoro

ENG-1AH  Honors English Comp  4 UNITS
Offers students in the Honors Program an enriched experience in the development of college-level critical reading, academic writing, and research skills.
PREREQUISITE: ENG-50 or 80 or qualifying placement level. LIMITATION ON ENROLLMENT: Enrollment in the Honors Program.
38276  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  10:30AM  12:35PM  TTH  IT 108
LAB  08/28/17  12/14/17  IT 121
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Instructor: D Mills

ENG-1B  Critical Thinking/Writing  4 UNITS
Emphasizing argument, analysis and the study of literature, this course develops students' critical thinking, reading, and writing skills beyond the level achieved in ENG-1A.
PREREQUISITE: ENG-1A or 1AH.
38277  Last day to add: 10/28/17
LEC  08/28/17  12/14/17  08:15AM  10:20AM  MW  IT 206
OL  10/23/17  12/02/17  ON LINE
OL  10/23/17  12/02/17  ON LINE
The above section is a short term online class. Students are required to register for ENG-1A-38728 and ENG-1B-38277 during this semester. 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: F Tschetter

ENG-1B  Critical Thinking/Writing  4 UNITS
Emphasizing argument, analysis and the study of literature, this course develops students’ critical thinking, reading, and writing skills beyond the level achieved in ENG-1A.
PREREQUISITE: ENG-1A or 1AH.
38282  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  10:35AM  12:35PM  TTH  IT 108
LAB  08/28/17  12/14/17  IT 121
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Instructor: Staff
ENG-1B Critical Thinking/Writing 4 UNITS
Emphasizing argument, analysis and the study of literature, this course develops students’ critical thinking, reading, and writing skills beyond the level achieved in ENG-1A.
PREREQUISITE: ENG-1A or 1AH.
38288 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 12:45PM 02:50PM MW IT 108
LAB 08/28/17 12/14/17 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: “It’s a Mad, Mad, World” For additional information, please email Nicole Capps at Nicole.capps@norcocollege.edu.
Instructor: D Reade

ENG-1B Critical Thinking/Writing 4 UNITS
Emphasizing argument, analysis and the study of literature, this course develops students’ critical thinking, reading, and writing skills beyond the level achieved in ENG-1A.
PREREQUISITE: ENG-1A or 1AH.
38848 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 02:00PM 04:05PM TTH IT 109
LAB 08/28/17 12/14/17 IT 121
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Instructor: D Reade

ENG-1B Critical Thinking/Writing 4 UNITS
Emphasizing argument, analysis and the study of literature, this course develops students’ critical thinking, reading, and writing skills beyond the level achieved in ENG-1A.
PREREQUISITE: ENG-1A or 1AH.
38872 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 02:00PM 04:05PM TTH IT 108
WEL 08/28/17 12/14/17 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 Moore

ENG-1B Critical Thinking/Writing 4 UNITS
Emphasizing argument, analysis and the study of literature, this course develops students’ critical thinking, reading, and writing skills beyond the level achieved in ENG-1A.
PREREQUISITE: ENG-1A or 1AH.
38280 Last day to add: 09/08/17
WE 08/28/17 12/14/17 03:00PM 05:05PM MW IT 108
WEL 08/28/17 12/14/17 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: Horror Fiction For additional information, please email Danae Samson at Danae.Samson@rccd.edu.
Instructor: D Samson

ENG-1B Critical Thinking/Writing 4 UNITS
Emphasizing argument, analysis and the study of literature, this course develops students’ critical thinking, reading, and writing skills beyond the level achieved in ENG-1A.
PREREQUISITE: ENG-1A or 1AH.
38289 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 04:15PM 06:20PM MW JFK 102
LAB 08/28/17 12/14/17 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 Fiction For additional information, please email Josephine Lovell at Josephine.Lovell@rccd.edu.
Instructor: J Lovell

ENG-1B Critical Thinking/Writing 4 UNITS
Emphasizing argument, analysis and the study of literature, this course develops students’ critical thinking, reading, and writing skills beyond the level achieved in ENG-1A.
PREREQUISITE: ENG-1A or 1AH.
38289 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 04:15PM 06:20PM TTH JFK 116
LAB 08/28/17 12/14/17 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 Wagner
ENG-1B  Critical Thinking/Writing  4 UNITS
Emphasizing argument, analysis and the study of literature, this course develops students' critical thinking, reading, and writing skills beyond the level achieved in ENG-1A.
PREREQUISITE: ENG-1A or 1AH.

38846  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  04:15PM  06:20PM  TTH  IT 206
LAB  08/28/17  12/14/17  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 Ludvigsen

ENG-1B  Critical Thinking/Writing  4 UNITS
Emphasizing argument, analysis and the study of literature, this course develops students' critical thinking, reading, and writing skills beyond the level achieved in ENG-1A.
PREREQUISITE: ENG-1A or 1AH.

38287  Last day to add: 09/08/17
WE  08/28/17  12/14/17  05:30PM  07:35PM  MW  IT 108
WEL  08/28/17  12/14/17  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 Samson

ENG-1B  Critical Thinking/Writing  4 UNITS
Emphasizing argument, analysis and the study of literature, this course develops students' critical thinking, reading, and writing skills beyond the level achieved in ENG-1A.
PREREQUISITE: ENG-1A or 1AH.

38279  Last day to add: 09/08/17
WE  08/28/17  12/14/17  06:30PM  08:35PM  MW  JFK 102
WEL  08/28/17  12/14/17  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 Fiction. For additional information, please email Josephine Lovell at Josephine.Lovell@rccd.edu.
Instructor: J Lovell

ENG-1B  Critical Thinking/Writing  4 UNITS
Emphasizing argument, analysis and the study of literature, this course develops students' critical thinking, reading, and writing skills beyond the level achieved in ENG-1A.
PREREQUISITE: ENG-1A or 1AH.

38850  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:30PM  08:35PM  MW  JFK 115
LAB  08/28/17  12/14/17  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: J Gianunzio

ENG-1B  Critical Thinking/Writing  4 UNITS
Emphasizing argument, analysis and the study of literature, this course develops students' critical thinking, reading, and writing skills beyond the level achieved in ENG-1A.
PREREQUISITE: ENG-1A or 1AH.

38278  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:30PM  08:35PM  THH  JFK 116
LAB  08/28/17  12/14/17  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-1B  Critical Thinking/Writing  4 UNITS
Emphasizing argument, analysis and the study of literature, this course develops students' critical thinking, reading, and writing skills beyond the level achieved in ENG-1A.
PREREQUISITE: ENG-1A or 1AH.

38286  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:30PM  08:35PM  THH  IT 110
LAB  08/28/17  12/14/17  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: J Gianunzio

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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ENG-1B  **Critical Thinking/Writing**  4 UNITS
Emphasizing argument, analysis and the study of literature, this course develops students’ critical thinking, reading, and writing skills beyond the level achieved in ENG-1A.
PREREQUISITE: ENG-1A or 1AH.
38847  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:30PM  08:35PM  TTH  IT 206
LAB  08/28/17  12/14/17  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 Ludwig

ENG-1BH  **Hon Critical Think/Writ**  4 UNITS
An Honors course that emphasizes argument, analysis, and the student of literature, developing critical thinking, reading, and writing skills beyond the level achieved in ENG-1A or 1AH.
PREREQUISITE: ENG-1A or 1AH. LIMITATION ON ENROLLMENT: Enrollment in the Honors Program.
38290  Last day to add: 09/08/17
WE  08/28/17  12/14/17  10:30AM  12:35PM  TTH  STEM 125
WEL  08/28/17  12/14/17  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 Reade

ENG-9  **Intro to Shakespeare**  3 UNITS
A survey of selected Shakespearean plays and poetry, with an emphasis on his dramatic works.
PREREQUISITE: None.
ADVISORY: ENG-1B or 1BH.
38725  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  08:45AM  10:10AM  TTH  IT 123
Instructor: K Anderson

ENG-11  **Creative Writing**  3 UNITS
Studies in the principles of writing fiction and poetry.
PREREQUISITE: ENG-1A or 1AH.
38249  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  12:30PM  01:55PM  MW  ST 108
Instructor: D Reade

ENG-14  **Amer Lit I: Pre-Contact to Civil War**  3 UNITS
A study of major American writers from the pre-contact period to the Civil War.
PREREQUISITE: ENG-50 or 80 or eligibility for ENG-1A.
38721  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  04:15PM  05:40PM  MW  ST 108
Instructor: D Reade

ENG-20  **Survey African Amer Literature**  3 UNITS
Survey of African American literature from the early oral traditions to contemporary literature. Students who have taken ENG-21 and ENG-22 may not receive credit for ENG-20.
PREREQUISITE: None.
ADVISORY: ENG-1B or 1BH.
38849  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  03:00PM  04:05PM  MW  IT 123
Instructor: I Nelson

ENG-50  **Basic English Comp**  4 UNITS
Prepares students for college-level reading and academic writing.
PREREQUISITE: ENG-60B, ESL-55 or qualifying placement level.
ADVISORY: REA-82 or qualifying placement level.
38300  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  08:15AM  10:20AM  TTH  IT 208
LAB  08/28/17  12/14/17  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 Comp**  4 UNITS
Prepares students for college-level reading and academic writing.
PREREQUISITE: ENG-60B, ESL-55 or qualifying placement level.
ADVISORY: REA-82 or qualifying placement level.
38305  Last day to add: 09/08/17
HYB  08/28/17  12/14/17  08:15AM  10:20AM  T  CACT 1
HYBO  08/28/17  12/14/17  ON LINE
HYBLO  08/28/17  12/14/17  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 Comp**  4 UNITS
Prepares students for college-level reading and academic writing.
PREREQUISITE: ENG-60B, ESL-55 or qualifying placement level.
ADVISORY: REA-82 or qualifying placement level.
38295  Last day to add: 09/08/17
HYB  08/28/17  12/14/17  08:15AM  10:20AM  TH  CACT 1
HYBO  08/28/17  12/14/17  ON LINE
HYBLO  08/28/17  12/14/17  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

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**ENG-50  Basic English Comp** 4 UNITS
Prepares students for college-level reading and academic writing.  
**PREREQUISITE:** ENG-60B, ESL-55 or qualifying placement level.  
**ADVISORY:** REA-82 or qualifying placement level.  
38298  Last day to add: 10/29/17
LEC  10/23/17  12/13/17  08:45AM  11:55AM  MWF  IT 110  
LAB  10/23/17  12/13/17  12:00PM  12:50PM  MW  IT 121  
The above section is a short term class and is part of an Acceleration Community. Students are required to register for ENG-70-38855 and ENG-50-38298 during this semester. Additional counseling, tutoring and/or supplemental instruction will also be available. The designated laboratory hours are included in the meeting times for this class. Please note the start and end dates.  
**Instructor:** K Anderson  

**ENG-50  Basic English Comp** 4 UNITS
Prepares students for college-level reading and academic writing.  
**PREREQUISITE:** ENG-60B, ESL-55 or qualifying placement level.  
**ADVISORY:** REA-82 or qualifying placement level.  
38299  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  10:30AM  12:35PM  TTH  IT 110  
LAB  08/28/17  12/14/17  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-48-38384 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-50  Basic English Comp** 4 UNITS
Prepares students for college-level reading and academic writing.  
**PREREQUISITE:** ENG-60B, ESL-55 or qualifying placement level.  
**ADVISORY:** REA-82 or qualifying placement level.  
38306  Last day to add: 09/08/17
HYB  08/28/17  12/14/17  10:30AM  12:35PM  T  CACT 1  
HYBO  08/28/17  12/14/17  ON LINE  
HYBLO  08/28/17  12/14/17  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 Comp** 4 UNITS
Prepares students for college-level reading and academic writing.  
**PREREQUISITE:** ENG-60B, ESL-55 or qualifying placement level.  
**ADVISORY:** REA-82 or qualifying placement level.  
38307  Last day to add: 09/08/17
HYB  08/28/17  12/14/17  10:30AM  12:35PM  TH  CACT 1  
HYBO  08/28/17  12/14/17  ON LINE  
HYBLO  08/28/17  12/14/17  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 Comp** 4 UNITS
Prepares students for college-level reading and academic writing.  
**PREREQUISITE:** ENG-60B, ESL-55 or qualifying placement level.  
**ADVISORY:** REA-82 or qualifying placement level.  
38307  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  12:45PM  02:50PM  MW  IT 123  
LAB  08/28/17  12/14/17  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:** J Dobson  

**ENG-50  Basic English Comp** 4 UNITS
Prepares students for college-level reading and academic writing.  
**PREREQUISITE:** ENG-60B, ESL-55 or qualifying placement level.  
**ADVISORY:** REA-82 or qualifying placement level.  
38869  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  12:45PM  02:50PM  MW  IT 111  
LAB  08/28/17  12/14/17  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 Morford  

**ENG-50  Basic English Comp** 4 UNITS
Prepares students for college-level reading and academic writing.  
**PREREQUISITE:** ENG-60B, ESL-55 or qualifying placement level.  
**ADVISORY:** REA-82 or qualifying placement level.  
38296  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  02:00PM  04:05PM  TH  LIBR 110  
LAB  08/28/17  12/14/17  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:** J Dobson
ENG-50  Basic English Comp  4 UNITS
Prepares students for college-level reading and academic writing.
PREREQUISITE: ENG-60B, ESL-55 or qualifying placement level.
ADVISORY: REA-82 or qualifying placement level.
Last day to add: 09/08/17
LEC  08/28/17  12/14/17  02:00PM  04:05PM  TTH  CACT 1
LAB  08/28/17  12/14/17  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: J Reed

ENG-50  Basic English Comp  4 UNITS
Prepares students for college-level reading and academic writing.
PREREQUISITE: ENG-60B, ESL-55 or qualifying placement level.
ADVISORY: REA-82 or qualifying placement level.
Last day to add: 09/08/17
LEC  08/28/17  12/14/17  02:00PM  04:05PM  TTH  IT 111
LAB  08/28/17  12/14/17  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 Comp  4 UNITS
Prepares students for college-level reading and academic writing.
PREREQUISITE: ENG-60B, ESL-55 or qualifying placement level.
ADVISORY: REA-82 or qualifying placement level.
Last day to add: 09/08/17
LEC  08/28/17  12/14/17  02:00PM  04:05PM  TTH  IT 112
LAB  08/28/17  12/14/17  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-50  Basic English Comp  4 UNITS
Prepares students for college-level reading and academic writing.
PREREQUISITE: ENG-60B, ESL-55 or qualifying placement level.
ADVISORY: REA-82 or qualifying placement level.
Last day to add: 09/08/17
LEC  08/28/17  12/14/17  04:15PM  06:20PM  TTH  ST 108
LAB  08/28/17  12/14/17  IT 121
The above section has an 18-hour laboratory requirement to be arranged. 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 Reed

ENG-50  Basic English Comp  4 UNITS
Prepares students for college-level reading and academic writing.
PREREQUISITE: ENG-60B, ESL-55 or qualifying placement level.
ADVISORY: REA-82 or qualifying placement level.
Last day to add: 09/08/17
LEC  08/28/17  12/14/17  04:15PM  06:20PM  TTH  JFK 117
LAB  08/28/17  12/14/17  IT 121
The above section has an 18-hour laboratory requirement to be arranged. 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 Gianunzio
ENG-50  Basic English Comp  4 UNITS
Prepares students for college-level reading and academic writing.
PREREQUISITE: ENGL-85 or qualifying placement level.
ADVISORY: REA-82 or qualifying placement level.
38309  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  06:30PM  08:35PM  TTH  JFK 114
LAB 08/28/17  12/14/17  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: J Hill

ENG-60A  Engl Fund: Sent to Paragraph  4 UNITS
This course instills basic writing, reading, and grammar skills via sentence and
paragraph writing. (Non-degree credit course. Pass/No Pass only.)
PREREQUISITE: None.
38321  Last day to add: 09/05/17
LEC 08/28/17  10/20/17  10:30AM  01:20PM  MWFW  IT 206
LAB 08/28/17  10/20/17  09:00AM  09:50AM  MW  IT 121
The above section is a short term class and is part of an Acceleration Community. Students
are required to register for ENG-60A-38321 and ENG-60B-38324 during this semester.
Additional counseling, tutoring and/or supplemental instruction will also be available. The
designated laboratory hours are included in the meeting times for this class. Please note the
start and end dates.
Instructor: D Mills

ENG-60A  Engl Fund: Sent to Paragraph  4 UNITS
This course instills basic writing, reading, and grammar skills via sentence and
paragraph writing. (Non-degree credit course. Pass/No Pass only.)
PREREQUISITE: None.
38315  Last day to add: 09/08/17
WE 08/28/17  12/14/17  12:45PM  02:00PM  MWFW  CACT 1
WEL 08/28/17  12/14/17  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-60A  Engl Fund: Sent to Paragraph  4 UNITS
This course instills basic writing, reading, and grammar skills via sentence and
paragraph writing. (Non-degree credit course. Pass/No Pass only.)
PREREQUISITE: None.
38314  Last day to add: 09/08/17
WE 08/28/17  12/14/17  02:30PM  03:45PM  MWFW  CACT 1
WEL 08/28/17  12/14/17  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-60A  Engl Fund: Sent to Paragraph  4 UNITS
This course instills basic writing, reading, and grammar skills via sentence and
paragraph writing. (Non-degree credit course. Pass/No Pass only.)
PREREQUISITE: None.
38319  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  06:30PM  08:35PM  MW  ST 108
LAB 08/28/17  12/14/17  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: Staff

ENG-60B  Engl Fund: Paragraph to Essay  4 UNITS
This course advances basic reading, writing, and grammar skills via the
production of paragraphs and short essays. (Non-degree credit course. Pass/ No Pass only.)
PREREQUISITE: ENG-60A or qualifying placement level.
38324  Last day to add: 10/29/17
LEC 10/23/17  12/13/17  10:30AM  01:40PM  MWFW  IT 206
LAB 10/23/17  12/13/17  09:00AM  09:50AM  MW  IT 121
The above section is a short term class and is part of an Acceleration Community. Students
are required to register for ENG-60A-38321 and ENG-60B-38324 during this semester.
Additional counseling, tutoring and/or supplemental instruction will also be available. The
designated laboratory hours are included in the meeting times for this class. Please note the
start and end dates.
Instructor: D Mills

ENG-60B  Engl Fund: Paragraph to Essay  4 UNITS
This course advances basic reading, writing, and grammar skills via the
production of paragraphs and short essays. (Non-degree credit course. Pass/ No Pass only.)
PREREQUISITE: ENG-60A or qualifying placement level.
38326  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  10:30AM  12:35PM  MW  CACT 1
WEL 08/28/17  12/14/17  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

HYB - Hybrid Lecture • 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 • WRLX - Hybrid Work Experience • WRKO - Work Experience Online

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ENG-60B  Engl Fund: Paragraph to Essay  4 UNITS
This course advances basic reading, writing, and grammar skills via the production of paragraphs and short essays. (Non-degree credit course. Pass/No Pass only.)
PREREQUISITE: ENG-60A or qualifying placement level.
38323  Last day to add: 09/08/17
WE 08/28/17 12/14/17 12:45PM 02:50PM MW WEQ W4
WEL 08/28/17 12/14/17 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-70  Composition Fundamentals  4 UNITS
Develops skills in grammar, usage, composition, and the writing process.
PREREQUISITE: None.
38856  Last day to add: 09/08/17
LEC 08/28/17 12/14/17 08:15AM 10:20AM TTH IT 206
LAB 08/28/17 12/14/17 11:00AM 11:50AM W IT 121
The above section is designed for the Umoja Community. Students are required to register for GUI-48 38383 and ENG-85 38875 during this semester. Please see the Umoja Counselor in the Counseling Department prior to enrolling. The designated laboratory hours are included in the meeting times for this class.
Instructor: L Nelson

ENG-70  Composition Fundamentals  4 UNITS
Develops skills in grammar, usage, composition, and the writing process.
PREREQUISITE: None.
38855  Last day to add: 09/05/17
LEC 08/28/17 10/20/17 08:45AM 11:35AM MWF IT 110
LAB 08/28/17 10/20/17 12:00PM 12:50PM MW IT 121
The above section is a short term class and is part of an Acceleration Community. Students are required to register for ENG-70-38855 and ENG-50-38298 during this semester. Additional counseling, tutoring and/or supplemental instruction will also be available. The designated laboratory hours are included in the meeting times for this class. Please note the start and end dates.
Instructor: K Anderson

ENG-70  Composition Fundamentals  4 UNITS
Develops skills in grammar, usage, composition, and the writing process.
PREREQUISITE: None.
38859  Last day to add: 09/08/17
LEC 08/28/17 12/14/17 12:45PM 02:50PM MW HUM 102
LAB 08/28/17 12/14/17 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 Nelson

ENG-70  Composition Fundamentals  4 UNITS
Develops skills in grammar, usage, composition, and the writing process.
38858  Last day to add: 09/08/17
LEC 08/28/17 12/14/17 02:00PM 04:05PM TTH IT 110
LAB 08/28/17 12/14/17 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 Chaffin

ENG-70  Composition Fundamentals  4 UNITS
Develops skills in grammar, usage, composition, and the writing process.
PREREQUISITE: None.
38857  Last day to add: 09/08/17
LEC 08/28/17 12/14/17 04:15PM 06:20PM TTH IT 110
LAB 08/28/17 12/14/17 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 Chaffin

ENG-80  Preparatory Composition  6 UNITS
Prepares students for college-level reading, writing, and critical thinking. (Non-degree credit course.)
PREREQUISITE: None.
38331  Last day to add: 09/08/17
LEC 08/28/17 12/14/17 08:15AM 10:20AM MWF IT 111
LAB 08/28/17 12/14/17 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-80  Preparatory Composition  6 UNITS
Prepares students for college-level reading, writing, and critical thinking. (Non-degree credit course.)
PREREQUISITE: None.
38329  Last day to add: 09/08/17
LEC 08/28/17 12/14/17 08:45AM 10:10AM MTWTH ST 108
LAB 08/28/17 12/14/17 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: Motivation and Human Psychology. For additional information, please email Tami Comstock at Tami.Comstock@norccollege.edu.
Instructor: T Comstock

HYB - Hybrid Lecture • HYBL - Hybrid Lab • HYBLO - Hybrid Online Lab • HYBO - Hybrid Online Lecture • LAB - Lecture • 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
ENG-80  Preparatory Composition  6 UNITS
Prepares students for college-level reading, writing, and critical thinking. (Non-degree credit course.)
PREREQUISITE: None.
38330  Last day to add: 09/08/17
WE  08/28/17  12/14/17  08:45AM  10:10AM  MTWH  IT 108
WEL  08/28/17  12/14/17  IT 121

ENG-80  Preparatory Composition  6 UNITS
Prepares students for college-level reading, writing, and critical thinking. (Non-degree credit course.)
PREREQUISITE: None.
38328  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  10:30AM  11:55AM  MTWH  ST 108
LAB  08/28/17  12/14/17  IT 121

ENG-80  Preparatory Composition  6 UNITS
Prepares students for college-level reading, writing, and critical thinking. (Non-degree credit course.)
PREREQUISITE: None.
38332  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  10:30AM  12:35PM  MWF  IT 111
LAB  08/28/17  12/14/17  IT 121

ENG-80  Preparatory Composition  6 UNITS
Prepares students for college-level reading, writing, and critical thinking. (Non-degree credit course.)
PREREQUISITE: None.
38333  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  10:30AM  11:55AM  MTWH  IT 123
LAB  08/28/17  12/14/17  IT 121

ENG-85  Writing Clinic (English)  0.50 UNITS
A self-paced, open-entry/open-exit, Writing and Reading Center-based modular course designed for those who need concentrated attention in various areas of grammar, punctuation, and composition. (Non-degree credit course. Pass-No Pass only.)
PREREQUISITE: None.
38875  Last day to add: 12/14/17
LAB  08/28/17  12/14/17  11:00AM  11:50AM  M  IT 127

ESL-51  Basic Writing and Grammar  4 UNITS
A beginning ESL course for non-native speakers focusing on basic academic writing and grammar skills. (Non-degree credit course. Pass-No Pass only.)
PREREQUISITE: None.
38335  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:30PM  08:35PM  TTH  IT 211
LAB  08/28/17  12/14/17  08:45PM  09:35PM  TH  IT 211

ESL-52  Low-Intermed Writing/Grammar  4 UNITS
A low-intermediate ESL course for non-native speakers focusing on academic writing and grammar skills. (Non-degree credit course. Pass-No Pass only.)
PREREQUISITE: Qualifying placement level on a state-approved placement instrument, or successful completion of ESL-51.
38336  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  10:40AM  12:45PM  TTH  IT 211
LAB  08/28/17  12/14/17  09:40AM  10:30AM  T  IT 211

GUO-48  Writing Clinic (ESL)  0.50 UNITS
A self-paced, open-entry/open-exit, Writing and Reading Center-based modular course designed for those who need concentrated attention in various areas of grammar, punctuation, and composition. (Non-degree credit course. Pass-No Pass only.)
PREREQUISITE: None.
38883  Last day to add: 12/14/17
LAB  08/28/17  12/14/17  11:00AM  11:50AM  M  IT 127

For additional information, please email Tami Comstock at Tami.Comstock@norcocollege.edu.

Instructor: J Dobson

ESL-51  Basic Writing and Grammar  4 UNITS
A beginning ESL course for non-native speakers focusing on basic academic writing and grammar skills. (Non-degree credit course. Pass-No Pass only.)
PREREQUISITE: None.
38335  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:30PM  08:35PM  TTH  IT 211
LAB  08/28/17  12/14/17  08:45PM  09:35PM  TH  IT 211

Designated laboratory hours are included in the meeting times for this class.

Instructor: L Nelson

Instructor: J Dobson

Instructor: L Nelson

Instructor: N Capps

Instructor: M Shirinian

For additional information, please email Jessica Dobson at Jessica.Dobson@norcocollege.edu.

For additional information, please email Tami Comstock at Tami.Comstock@norcocollege.edu.

For additional information, please email Jessica Dobson at Jessica.Dobson@norcocollege.edu.

For additional information, please email Tami Comstock at Tami.Comstock@norcocollege.edu.

For additional information, please email Tami Comstock at Tami.Comstock@norcocollege.edu.

Designated laboratory hours are included in the meeting times for this class.

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ESL-53  Intermed Writing/Grammar  4 UNITS
An intermediate English as a Second Language course for non-native speakers focusing on academic writing and grammar skills. (Non-degree credit course. Pass-No Pass only.)
PREREQUISITE: Qualifying placement level on a state-approved placement instrument, or successful completion of ESL-52.
38337  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:30PM  08:35PM  MW  IT 110
LAB  08/28/17  12/14/17  08:45PM  09:35PM  W  IT 110
Designated laboratory hours are included in the meeting times for this class.
Instructor: D Tougas

ESL-54  High-Intermed Writing/Grammar  5 UNITS
A high-intermediate English as a Second Language course for non-native speakers of English focusing on academic grammar and writing skills, especially paragraph development. (Degree credit course. Letter Grade, or Pass/No Pass option.)
PREREQUISITE: Qualifying placement level on a state-approved placement instrument, or successful completion of ESL-53.
38338  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  07:50AM  10:20AM  MW  IT 211
LAB  08/28/17  12/14/17  10:25AM  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/Grammar  5 UNITS
An advanced English as a Second Language course for non-native speakers of English focusing on college-level grammar and academic writing skills, especially essay development. (Degree credit course. Letter Grade, or Pass/No Pass option.)
PREREQUISITE: Qualifying placement level on a state-approved placement instrument, or successful completion of ESL-54.
38339  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  11:15AM  01:45PM  MW  IT 211
LAB  08/28/17  12/14/17  01:45PM  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-93  Oral Skill: Advanced Oral Communication 3 UNITS
An advanced conversation, idioms and pronunciation class for English as a Second Language students. (Degree credit course. Letter Grade, or Pass-No Pass option.)
PREREQUISITE: None.
ADVISORY: Completion of ESL-92 and concurrent enrollment in ESL-54, 55 or ENG-50.
38750  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  08:00AM  09:25AM  TTH  IT 211
LAB  08/28/17  12/14/17  09:35AM  10:25AM  TH  IT 211
Designated laboratory hours are included in the meeting times for this class.
Instructor: M Shirinian

FRENCH

FRE-1  French 1  5 UNITS
Develops basic skills in understanding, reading, communicating and writing in French.
PREREQUISITE: None.
38341  Last day to add: 09/08/17
HYB  08/28/17  12/14/17  11:45AM  12:35PM  M  LIBR 121
HYB2  08/28/17  12/14/17  11:45AM  12:35PM  W  LIBR 109
HYB3  08/28/17  12/14/17  10:20AM  DI 211
HYBL  08/28/17  12/14/17  12:55PM  01:45PM  M  LIBR 121
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.
Instructor: D Hitchcock

FRE-1  French 1  5 UNITS
Develops basic skills in understanding, reading, communicating and writing in French.
PREREQUISITE: None.
38342  Last day to add: 09/08/17
WE  08/28/17  12/14/17  06:00PM  09:10PM  TH  LIBR 109
WE2  08/28/17  12/14/17  06:00PM  09:10PM  T  LIBR 121
WEL  08/28/17  12/14/17  08:15PM  09:15PM  T  LIBR 121
The above section is a web-enhanced class. Internet access is required.
Instructor: A Smith

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.
38343  Last day to add: 09/08/17
WE  08/28/17  12/14/17  08:00AM  09:25AM  TTH  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.
38344  Last day to add: 09/08/17
WE  08/28/17  12/14/17  02:00PM  03:25PM  TTH  IT 202
The above section is a web-enhanced class. Internet access is required.
Instructor: J Coverdale
GAM-22  Game Design Principles  4 UNITS
An introduction to game design using non-digital rapid prototyping. Topics include formal elements of games, mechanics and dynamics, decision-making, flow states and player psychology, the MDA Framework, the iterative process, and rapid prototyping.
PREREQUISITE: None.
38346  Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:45AM 10:10AM MW IT 202
WEL 08/28/17 12/14/17 10:20AM 11:45AM MW IT 202
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 Finley

GAM-22  Game Design Principles  4 UNITS
An introduction to game design using non-digital rapid prototyping. Topics include formal elements of games, mechanics and dynamics, decision-making, flow states and player psychology, the MDA Framework, the iterative process, and rapid prototyping.
PREREQUISITE: None.
38345  Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:40AM 11:05AM THH IT 202
WEL 08/28/17 12/14/17 11:15AM 12:40PM THH IT 202
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 Coverdale

GAM-24  Video Game Prototyping  4 UNITS
An introduction to the fundamentals of computer game prototyping with an emphasis on scripting. Topics include layout, possibility space, content integration, scripting, team collaboration, and workflow. Students will create 3D computer game levels using one or more modern game engines. (Same as CIS-24)
PREREQUISITE: CIS/CSC-5 or CIS/GAM-50.
38347  Last day to add: 09/12/17
WE 09/01/17 12/08/17 08:00AM 12:05PM F IT 127
WEL 09/01/17 12/08/17 12:15PM 04:20PM F IT 127
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates. Designated laboratory hours are included in the meeting times for this class.
Instructor: J Finley

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.
38349  Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:45AM 10:10AM MW ATEC 118
The above section is a web-enhanced class. Internet access is required.
Instructor: J Finley

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.
38350  Last day to add: 09/08/17
WE 08/28/17 12/14/17 06:00PM 09:10PM T LIBR LRC
The above section is a web-enhanced class. Internet access is required.
Instructor: T Pryor

GAM-41  Game Asset and Engine Integration  3 UNITS
An intermediate 3D modeling class with a strong focus in low poly modeling, texture mapping and importing art assets into an industry standard game engine. Topics also include the basics of lighting an object, creating custom textures and presentation skills.
PREREQUISITE: GAM-81.
38837  Last day to add: 09/08/17
WE 08/28/17 12/14/17 03:35PM 05:00PM THH IT 202
WEL 08/28/17 12/14/17 05:10PM 06:00PM T IT 202
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 Dunipace

GAM-46  Environment and Vehicle Modeling  3 UNITS
A comprehensive study of game industry modeling techniques for both hard surface and organic modeling, including Polygonal and NURBS (Non Uniform Rational B Splines) modeling.
PREREQUISITE: GAM-81.
38838  Last day to add: 09/08/17
WE 08/28/17 12/14/17 03:35PM 05:00PM MW IT 125
WEL 08/28/17 12/14/17 05:10PM 06:00PM W 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-50  Introduction to Game Programming  3 UNITS
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.
38351  Last day to add: 09/08/17
OL 08/28/17 12/14/17 ON LINE
OLL 08/28/17 12/14/17 ON LINE
The above section is an online class. Computer with Internet access required. See www.open campus.com. All hours, including the 18-hour laboratory requirement, are completed online.
Instructor: J Finley
**GAM-50  Introduction to Game Programming  3 UNITS**
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.
38352  Last day to add: 09/08/17
OL  08/28/17  12/14/17  ON LINE  
OLL  08/28/17  12/14/17  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 Finley

**GAM-52  Game Engine Scripting I  3 UNITS**
Introduction to core programming concepts related to game engine scripting. Scripted languages are used in the context of industry standard game development tools to implement game functionality.
PREREQUISITE: CIS/CSC-178, or 18B or CIS/CSC-50.
ADVISORY: GAM-24 or CIS/GAM-37.
38353  Last day to add: 09/08/17
WE  08/28/17  12/14/17  03:30PM  04:55PM  MW  IT 202  
WEL  08/28/17  12/14/17  05:05PM  05:55PM  W  IT 202  

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 Ruiz

**GAM-70  Game Development Basics  2 UNITS**
Introduction to fundamental computer concepts related to typical functions required of a game artist. Standard file management, navigation, storage, and multiple backup techniques for files is taught as well as basic scanning techniques, appropriate use of Internet resources, copyright issues and an introduction to graphic file formats.
PREREQUISITE: None.
38354  Last day to add: 09/08/17
WE  08/28/17  12/14/17  12:15PM  01:05PM  W  ATEC 118  
WEL  08/28/17  12/14/17  10:40AM  12:05PM  MW  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: R Bourbeau

**GAM-80  Digital Drawing for Game Art  4 UNITS**
Introduction to digital drawing techniques for games using industry standard hardware and software.
PREREQUISITE: None.
38839  Last day to add: 09/08/17
WE  08/28/17  12/14/17  08:00AM  09:25AM  MW  IT 127  
WEL  08/28/17  12/14/17  09:40AM  11:05AM  MW  LIBR LRC  

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: R Bourbeau

**GAM-80  Digital Drawing for Game Art  4 UNITS**
Introduction to digital drawing techniques for games using industry standard hardware and software.
PREREQUISITE: None.
38860  Last day to add: 09/08/17
WE  08/28/17  12/14/17  03:00PM  04:25PM  THH  ERHS B108  
WEL  08/28/17  12/14/17  04:45PM  06:20PM  THH  ERHS B108  
Instructor: Staff

**GAM-80  Digital Drawing for Game Art  4 UNITS**
Introduction to digital drawing techniques for games using industry standard hardware and software.
PREREQUISITE: None.
38356  Last day to add: 09/08/17
WE  08/28/17  12/14/17  06:30PM  07:55PM  MW  IT 202  
WEL  08/28/17  12/14/17  08:05PM  09:30PM  MW  IT 202  

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-81  3D Modeling and Texturing  4 UNITS**
Introduction to the concepts of 3D modeling in a virtual environment and creating and applying textures to those models. Students will create original three-dimensional computer generated models of organic or mechanical design, complete with suitable textures.
PREREQUISITE: GAM-80.
38357  Last day to add: 09/08/17
WE  08/28/17  12/14/17  06:30PM  07:55PM  THH  IT 202  
WEL  08/28/17  12/14/17  08:05PM  09:30PM  THH  IT 202  

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 Dunpace

**GEOGRAPHY**

**GEG-1  Physical Geography  3 UNITS**
The interacting physical processes of air, water, land, and life which impact Earth’s surface.
PREREQUISITE: None.
38359  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  08:00AM  09:25AM  THH  ATEC 205  
Instructor: S Justice

**GEG-1  Physical Geography  3 UNITS**
The interacting physical processes of air, water, land, and life which impact Earth’s surface.
PREREQUISITE: None.
38358  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  08:45AM  10:10AM  MW  ATEC 114  
Instructor: E Ogbochikwe
GEG-1 PHYSICAL GEOGRAPHY 3 UNITS  
The interacting physical processes of air, water, land, and life which impact Earth's surface.  
PREREQUISITE: None.  
38360  
LEC 08/28/17 12/14/17 10:30AM 11:55AM MW ATEC 114  
Instructor: E Oguchiekwe  

GEG-1 PHYSICAL GEOGRAPHY 3 UNITS  
The interacting physical processes of air, water, land, and life which impact Earth's surface.  
PREREQUISITE: None.  
38362  
LEC 08/28/17 12/14/17 04:15PM 05:40PM TTH ATEC 205  
Instructor: S Justice  

GEG-1 PHYSICAL GEOGRAPHY 3 UNITS  
The interacting physical processes of air, water, land, and life which impact Earth's surface.  
PREREQUISITE: None.  
38368  
LEC 08/28/17 12/14/17 06:30PM 09:40PM M ATEC 205  
Instructor: E Peprah  

GEG-1H HONORS PHYSICAL GEOGRAPHY 3 UNITS  
An Honors Program-enriched introduction to the interacting physical processes of air, water, land, and life which impact Earth's surface.  
PREREQUISITE: None. LIMITATION ON ENROLLMENT: Enrollment in the Honors Program.  
38704  
LEC 08/28/17 12/14/17 12:45PM 02:10PM MW STEM 125  
Instructor: S Justice  

GEG-1L PHYSICAL GEOGRAPHY LAB 1 UNIT  
Practical application of physical geography principles through geographically based in-class exercises.  
PREREQUISITE: None.  
38364  
LAB 08/28/17 12/14/17 11:15AM 12:40PM TTH ATEC 205  
Instructor: S Justice  

GEG-1L PHYSICAL GEOGRAPHY LAB 1 UNIT  
Practical application of physical geography principles through geographically based in-class exercises.  
PREREQUISITE: None.  
38365  
LAB 08/28/17 12/14/17 02:30PM 03:55PM MW ATEC 205  
Instructor: S Justice  

GEG-1L PHYSICAL GEOGRAPHY LAB 1 UNIT  
Practical application of physical geography principles through geographically based in-class exercises.  
PREREQUISITE: None.  
38366  
LAB 08/28/17 12/14/17 06:30PM 09:40PM W ATEC 205  
Instructor: E Peprah  

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.  
38369  
LEC 08/28/17 12/14/17 12:45PM 02:10PM MW ATEC 205  
Instructor: R Christov  

GEG-1L PHYSICAL GEOGRAPHY LAB 1 UNIT  
Practical application of physical geography principles through geographically based in-class exercises.  
PREREQUISITE: None.  
38363  
LAB 08/28/17 12/14/17 10:30AM 11:55AM MW ATEC 205  
Instructor: R Christov
GUIDANCE

GUI-45  Introduction to College  1 UNIT
Introduction to programs, resources and personal factors that contribute to college success.
PREREQUISITE: None.
38881  Last day to add: 09/05/17
LEC  09/01/17  10/20/17  10:30AM  12:35PM  F  IT 209
This class is a short term class. Please note the start and end dates.
Instructor: M Iliscupidez

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.
38371  Last day to add: 10/27/17
HYB  12/08/17  10:30AM  11:40AM  F  IT 209
HYBO  12/08/17  10:30AM  11:40AM  ON LINE
The above section is a short term hybrid class. Computer with Internet access required. Please note the start and end dates. See www.opencampus.com.
Instructor: M Iliscupidez

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.
38372  Last day to add: 09/02/17
WE  10/27/17  02:00PM  04:20PM  T  IT 127
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: M Iliscupidez

GUI-47  Career Explor/Life Planning  3 UNITS
Designed to assist those students considering the transition of a career change or undecided about the selection of a college major.
PREREQUISITE: None.
38379  Last day to add: 09/08/17
LEC  09/11/17  12/14/17  10:30AM  01:40PM  F  ATEC 210
The above section is a short term class. Please note the start and end dates.
Instructor: Staff

GUI-47  Career Explor/Life Planning  3 UNITS
Designed to assist those students considering the transition of a career change or undecided about the selection of a college major.
PREREQUISITE: None.
38374  Last day to add: 09/08/17
WE  12/14/17  11:50AM  01:15PM  MW  IT 125
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

GUI-47  Career Explor/Life Planning  3 UNITS
Designed to assist those students considering the transition of a career change or undecided about the selection of a college major.
PREREQUISITE: None.
38373  Last day to add: 09/08/17
HYB  12/14/17  04:15PM  05:40PM  T  IT 122
HYBO  12/14/17  04:15PM  05:40PM  ON LINE
The above section is a Hybrid class. Computer with Internet access required. See www.opencampus.com.
Instructor: Staff

GUI-47  Career Explor/Life Planning  3 UNITS
Designed to assist those students considering the transition of a career change or undecided about the selection of a college major.
PREREQUISITE: None.
38378  Last day to add: 09/08/17
WE  12/14/17  06:00PM  09:10PM  W  IT 208
The above section is a web-enhanced class. Internet access is required.
Instructor: J Moore

GUI-47  Career Explor/Life Planning  3 UNITS
Designed to assist those students considering the transition of a career change or undecided about the selection of a college major.
PREREQUISITE: None.
38375  Last day to add: 09/08/17
WE  12/14/17  06:30PM  09:40PM  T  IT 208
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff
GUI-47 Career Explor/Life Planning 3 UNITS
Designed to assist those students considering the transition of a career change or undecided about the selection of a college major.
PREREQUISITE: None.
38377 Last day to add: 09/08/17
WE 08/28/17 12/14/17 06:30PM 09:40PM TH IT 208
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.
38384 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 08:15AM 10:20AM T IT 110
The above section is designed for students in the Puente Program with special emphasis on Latino culture and requires concurrent enrollment in ENG-50-38299. See the Puente Counselor prior to enrolling.
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.
38385 Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:15AM 10:20AM TH IT 110
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.
38386 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 08:15AM 10:20AM T IT 110
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.
38387 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 08:15AM 10:20AM TH IT 110
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.
38388 Last day to add: 09/08/17
LEC 09/01/17 12/08/17 01:30PM 04:00PM F HUM 111
This section is a short term class. Please note start and end date. This class is for students in the First Year Experience program. Please see a counselor for more information.
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.
38389 Last day to add: 09/08/17
WE 08/28/17 12/14/17 09:40AM 11:05AM TH THTR 101
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.
38390 Last day to add: 09/08/17
WE 08/28/17 12/14/17 06:30PM 08:35PM T JFK 104
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.
38391 Last day to add: 09/08/17
WE 08/28/17 12/14/17 06:30PM 08:35PM W JFK 105
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.
38392 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 08:30PM 08:35PM T JFK 105
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.
38393 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 11:15AM 12:05PM T LIBR 121
The above section is designed for the Umoja Community. Students are required to register for ENG-70 38856 and ENG-85 38875 during this semester. Please see the Umoja Counselor in the Counseling Department prior to enrolling.
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.
38394 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 11:15AM 12:05PM T LIBR 121
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.
38395 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 11:15AM 12:05PM TH LIBR 121
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.
38396 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 11:15AM 12:05PM TH LIBR 121
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.
38397 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 11:15AM 12:05PM TH LIBR 121
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.
38398 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 11:15AM 12:05PM TH LIBR 121
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

HEALTH SCIENCE

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.
38388 Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:00AM 09:25AM TH THTR 101
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

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.
38389 Last day to add: 09/08/17
WE 08/28/17 12/14/17 09:40AM 11:05AM TH THTR 101
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff
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.
38395  Last day to add: 09/12/17
LEC 08/28/17  12/14/17  10:30AM 02:35PM F  IT 101
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
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.
38387  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  12:45PM 02:10PM MW IT 117
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.
38393  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  02:00PM 03:25PM TTH ATEC 114
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.
38390  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  02:30PM 03:55PM MW IT 117
Instructor: J Drainville

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.
38391  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  04:15PM 05:40PM MW IT 117
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.
38392  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  06:00PM 09:10PM W WEQ W6
Instructor: N Corselli

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.
38386  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  06:00PM 09:10PM TH IT 101
The above section is a web-enhanced class. Internet access is required.
Instructor: J Drainville
HISTORY

**HIS-1  World Civilizations 1**  
3 UNITS  
Historical development of world societies from the time of human origins to the 16th century.  
PREREQUISITE: None.  
ADVISORY: REA-83 and qualification for ENG-1A.  
**38396**  
**LEC**  08/28/17  12/14/17  11:15AM  12:40PM  **TH**  **HUM 103**  
**Instructor:** S Kyriakos

**HIS-6  Pol Soc Hist of US**  
3 UNITS  
A history of the United States from Colonial time to 1877.  
PREREQUISITE: None.  
ADVISORY: REA-83 and qualification for ENG-1A.  
**38399**  
**LEC**  08/28/17  12/14/17  08:00AM  09:25AM  **TH**  **HUM 103**  
**Instructor:** T Russell

**HIS-6  Pol Soc Hist of US**  
3 UNITS  
A history of the United States from Colonial time to 1877.  
PREREQUISITE: None.  
ADVISORY: REA-83 and qualification for ENG-1A.  
**38403**  
**LEC**  09/02/17  12/09/17  08:00AM  11:35AM  **S**  **HUM 103**  
**Instructor:** M Hickerson

**HIS-6  Pol Soc Hist of US**  
3 UNITS  
A history of the United States from Colonial time to 1877.  
PREREQUISITE: None.  
ADVISORY: REA-83 and qualification for ENG-1A.  
**38400**  
**LEC**  08/28/17  12/14/17  08:45AM  10:10AM  **MW**  **HUM 103**  
**Instructor:** T Russell

**HIS-7  Pol Soc History of US**  
3 UNITS  
A history of the United States from 1877 to the present.  
PREREQUISITE: None.  
ADVISORY: REA-83 and qualification for ENG-1A.  
**38412**  
**OL**  08/28/17  12/14/17  **ON LINE**  
**Instructor:** D Reina
**HIS-7 Pol Soc History of US**  
A history of the United States from 1877 to the present.  
PREREQUISITE: None.  
ADVISORY: REA-83 and qualification for ENG-1A.  
38407 Last day to add: 09/08/17  
WE 08/28/17 12/14/17 09:40AM 11:05AM TTH HUM 103  
The above section is a web-enhanced class. Internet access is required.  
Instructor: T Russell

**HIS-7 Pol Soc History of US**  
A history of the United States from 1877 to the present.  
PREREQUISITE: None.  
ADVISORY: REA-83 and qualification for ENG-1A.  
38408 Last day to add: 09/08/17  
LEC 08/28/17 12/14/17 10:30AM 11:55AM MW HUM 103  
Instructor: S Kyriakos

**HIS-7 Pol Soc History of US**  
A history of the United States from 1877 to the present.  
PREREQUISITE: None.  
ADVISORY: REA-83 and qualification for ENG-1A.  
38410 Last day to add: 09/08/17  
LEC 08/28/17 12/14/17 12:45PM 02:10PM MW HUM 103  
Instructor: S Kyriakos

**HIS-7 Pol Soc History of US**  
A history of the United States from 1877 to the present.  
PREREQUISITE: None.  
ADVISORY: REA-83 and qualification for ENG-1A.  
38411 Last day to add: 09/08/17  
LEC 08/28/17 12/14/17 04:15PM 05:40PM MW HUM 103  
Instructor: S Kyriakos

**HIS-7 Pol Soc History of US**  
A history of the United States from 1877 to the present.  
PREREQUISITE: None.  
ADVISORY: REA-83 and qualification for ENG-1A.  
38414 Last day to add: 09/08/17  
WE 08/28/17 12/14/17 04:15PM 05:40PM TTH HUM 103  
The above section is a web-enhanced class. Internet access is required.  
Instructor: T Russell

**HIS-7 Pol Soc History of US**  
A history of the United States from 1877 to the present.  
PREREQUISITE: None.  
ADVISORY: REA-83 and qualification for ENG-1A.  
38406 Last day to add: 09/08/17  
WE 08/28/17 12/14/17 06:06PM 09:10PM M IT 109  
The above section is a web-enhanced class. Internet access is required.  
Instructor: H Vion

**HIS-7 Pol Soc History of US**  
A history of the United States from 1877 to the present.  
PREREQUISITE: None.  
ADVISORY: REA-83 and qualification for ENG-1A.  
38413 Last day to add: 09/08/17  
WE 08/28/17 12/14/17 06:06PM 09:10PM W HUM 103  
The above section is a web-enhanced class. Internet access is required.  
Instructor: D Reina

**HIS-7 Pol Soc History of US**  
A history of the United States from 1877 to the present.  
PREREQUISITE: None.  
ADVISORY: REA-83 and qualification for ENG-1A.  
38415 Last day to add: 09/08/17  
WE 08/28/17 12/14/17 06:06PM 09:10PM TH STEM 115  
The above section is a web-enhanced class. Internet access is required.  
Instructor: Staff

**HIS-34 Hist American Women**  
An interdisciplinary study of the origins of movements in art, literature, music,  
philosophy and religion in Western civilization from ancient times to the  
medieval period.  
PREREQUISITE: None.  
ADVISORY: REA-83 and qualification for ENG-1A.  
38397 Last day to add: 09/08/17  
WE 08/28/17 12/14/17 06:00PM 09:10PM T HUM 103  
The above section is a web-enhanced class. Internet access is required.  
Instructor: D Reina

**HUMANITIES**

**HUM-4 Arts and Ideas: Ancient-Medieval**  
An interdisciplinary study of the origins of movements in art, literature, music,  
philosophy and religion in Western civilization from ancient times to the  
medieval period.  
PREREQUISITE: None.  
ADVISORY: REA-83 and qualification for ENG-1A.  
38424 Last day to add: 09/08/17  
OL 08/28/17 12/14/17 04:15PM 05:40PM TTH HUM 103  
The above section is an online class. Computer with Internet access required.  
Instructor: D Palmer
HUM-4  Arts and Ideas: Ancient-Medieval  3 UNITS
An interdisciplinary study of the origins of movements in art, literature, music, philosophy and religion in Western civilization from ancient times to the medieval period.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
38754  Last day to add: 09/08/17
WE  08/28/17  12/14/17  08:00AM  09:25AM  TTH  ATEC 114
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

HUM-4  Arts and Ideas: Ancient-Medieval  3 UNITS
An interdisciplinary study of the origins of movements in art, literature, music, philosophy and religion in Western civilization from ancient times to the medieval period.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
38756  Last day to add: 09/08/17
WE  08/28/17  12/14/17  11:25AM  12:50PM  TTH  LIBR 109
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

HUM-10  World Religions  3 UNITS
Concepts of major religions including Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity and Islam.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
38416  Last day to add: 09/08/17
WE  08/28/17  12/14/17  04:15PM  05:40PM  MW  IT 109
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

HUM-10  World Religions  3 UNITS
Concepts of major religions including Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity and Islam.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
38417  Last day to add: 09/08/17
WE  08/28/17  12/14/17  06:00PM  09:10PM  M  IT 211
The above section is a web-enhanced class. Internet access is required.
Instructor: N.Westbrook

HUM-10  World Religions  3 UNITS
Concepts of major religions including Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity and Islam.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
38418  Last day to add: 09/08/17
WE  08/28/17  12/14/17  06:00PM  09:10PM  W  STEM 115
The above section is a web-enhanced class. Internet access is required.
Instructor: N.Westbrook

HUM-10  World Religions  3 UNITS
Concepts of major religions including Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity and Islam.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
38422  Last day to add: 09/12/17
WE  09/01/17  12/08/17  10:30AM  02:35PM  F  IT 211
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: Staff

HUM-10  World Religions  3 UNITS
Concepts of major religions including Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity and Islam.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
38420  Last day to add: 09/09/17
WE  08/28/17  12/14/17  02:00PM  03:25PM  TTH  ATEC 210
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

HUM-4  Arts and Ideas: Ancient-Medieval  3 UNITS
An interdisciplinary study of the origins of movements in art, literature, music, philosophy and religion in Western civilization from ancient times to the medieval period.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
38419  Last day to add: 09/08/17
WE  08/28/17  12/14/17  09:25AM  10:50AM  TTH  LIBR 109
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

HUM-10  World Religions  3 UNITS
Concepts of major religions including Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity and Islam.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
38417  Last day to add: 09/08/17
WE  08/28/17  12/14/17  06:00PM  09:10PM  M  IT 211
The above section is a web-enhanced class. Internet access is required.
Instructor: N.Westbrook

HUM-10  World Religions  3 UNITS
Concepts of major religions including Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity and Islam.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
38418  Last day to add: 09/08/17
WE  08/28/17  12/14/17  06:00PM  09:10PM  W  STEM 115
The above section is a web-enhanced class. Internet access is required.
Instructor: N.Westbrook

HUM-11  Religion in America  3 UNITS
Religious thought and practice in American culture.
PREREQUISITE: None.
ADVISORY: HUM-10, REA-83 and qualification for ENG-1A.
38422  Last day to add: 09/12/17
WE  09/01/17  12/08/17  10:30AM  02:35PM  F  IT 211
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: Staff

INTERDISCIPLINARY STUDIES

ILA-1  Introduction to Tutor Training  1 UNIT
An introduction to the skills necessary for tutoring in the subject areas. Practical application of tutoring strategies, methodologies, learning styles, problem solving, and working with diverse student populations.
PREREQUISITE: None.
ADVISORY: Qualification for ENG-1A.
38427  Last day to add: 09/08/17
WE  08/28/17  12/14/17  09:30AM  11:35AM  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: Staff
JOURNALISM

JOU-7  Mass Communications  3 UNITS
Survey of mass communication and the interrelationships of media with society including history, structure, and trends in a digital age. Discussion of theories and effects, economics, technology, law and ethics, global media, media literacy, and social issues, including gender and cultural diversity.
PREREQUISITE: None.
38442  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  11:15AM  12:40PM  TTH  WEQ W7
Instructor: T Wallstrom

KIN-4  Nutrition  3 UNITS
Principles of basic nutrition and their application to health and diseases.
PREREQUISITE: None.
38440  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  08:00AM  09:25AM  TTH  WEQ W7
Instructor: T Wallstrom

KIN-4  Nutrition  3 UNITS
Principles of basic nutrition and their application to health and diseases.
PREREQUISITE: None.
38441  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  09:40AM  11:05AM  TTH  WEQ W7
Instructor: T Wallstrom

KIN-10  Introduction to Kinesiology  3 UNITS
The study of human movement, sub-disciplines in Kinesiology and career opportunities.
PREREQUISITE: None.
38430  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  06:00PM  09:10PM  W  WEQ W3
Instructor: I Wicken

KIN-10  Introduction to Kinesiology  3 UNITS
The study of human movement, sub-disciplines in Kinesiology and career opportunities.
PREREQUISITE: None.
38431  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  04:15PM  05:40PM  MW  WEQ W3
Instructor: Staff

JAPANESE

JPN-1  Japanese 1  5 UNITS
Develops basic skills in understanding, reading, communicating, and writing in Japanese.
PREREQUISITE: None.
38429  Last day to add: 09/08/17
WE 08/28/17  12/14/17  02:00PM  05:10PM  TH  LIBR 109
WE2 08/28/17  12/14/17  02:00PM  04:05PM  T  LIBR 121
WEL 08/28/17  12/14/17  04:15PM  05:05PM  T  LIBR 121
The above section is a web-enhanced class. Internet access is required.
Instructor: C Dealba-Yount

JPN-1  Japanese 1  5 UNITS
Develops basic skills in understanding, reading, communicating, and writing in Japanese.
PREREQUISITE: None.
38428  Last day to add: 09/08/17
WE 08/28/17  12/14/17  03:00PM  05:05PM  W  LIBR 121
WE2 08/28/17  12/14/17  03:00PM  06:10PM  M  LIBR 109
WEL 08/28/17  12/14/17  05:15PM  06:05PM  W  LIBR 121
The above section is a web-enhanced class. Internet access is required.
Instructor: A Dohr

KINESIOLOGY

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.
38432  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  04:15PM  06:45PM  T  WEQ W3
LAB 08/28/17  12/14/17  07:00PM  08:25PM  T  WEQ W3
Instructor: J Winn

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.
38433  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  11:00AM  12:25PM  MW  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.
38434  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  06:00PM  09:10PM  TH  WEQ W3
Instructor: J McMains
KIN-35  Fitness and Wellness  3 UNITS
Prepares students to take control of their personal health, physical fitness and overall wellness.
PREREQUISITE: None.
38435  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  08:30AM  09:20AM  M  WEQW4
LEC2 08/28/17  12/14/17  08:30AM  09:35AM  W  WEQW4
LAB 08/28/17  12/14/17  09:45AM  11:10AM  MW  WEQW8
Instructor: Staff

KIN-36  Wellness: Lifestyle Choices  3 UNITS
Studies the various dimensions of wellness as they relate to living a positive, healthy life.
PREREQUISITE: None.
38436  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  09:40AM  11:05AM  TTH  WEQW3
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.
38437  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  11:15AM  12:40PM  TTH  WEQW3
Instructor: B Wimer

KIN-38  Stress Management  3 UNITS
Stress Management is explored through informative lectures, projects, and discussion, while the lab component offers students an opportunity to practice a variety of relaxation techniques.
PREREQUISITE: None.
38438  Last day to add: 09/10/17
LEC 08/28/17  11/08/17  08:45AM  10:35AM  MW  WEQW3
LAB 08/28/17  11/08/17  10:45AM  11:50AM  MW  WEQW2
The above section is a short term class. Please note the start and end dates.
Instructor: B Wimer

KIN-38  Stress Management  3 UNITS
Stress Management is explored through informative lectures, projects, and discussion, while the lab component offers students an opportunity to practice a variety of relaxation techniques.
PREREQUISITE: None.
38439  Last day to add: 09/10/17
LEC 08/28/17  11/08/17  12:45PM  02:35PM  MW  WEQW3
LAB 08/28/17  11/08/17  02:45PM  03:50PM  MW  WEQW2
The above section is a short term class. Please note the start and end dates.
Instructor: B Wimer

KIN-41  Karate, Intermediate  1 UNIT
Reviews basic skills and develops intermediate level skills in karate and self-defense.
PREREQUISITE: None.
ADVISORY: Course is designed for students with proficient skills in blocking, shifting, punching, striking and kicking and the knowledge of basic katas or for those who have completed KIN-A40.
38444  Last day to add: 09/08/17
LAB 08/28/17  12/14/17  12:45PM  02:10PM  MW  WEQW2
Instructor: D Namekata

KIN-46  Hatha Yoga, Beginning  1 UNIT
Develops physical and mental wellness by exercises for breathing, concentration, flexibility, strength and relaxation.
PREREQUISITE: None.
38447  Last day to add: 09/08/17
LAB 08/28/17  12/14/17  08:00AM  09:25AM  TH  WEQW2
Instructor: F Stewart

KIN-46  Hatha Yoga, Beginning  1 UNIT
Develops physical and mental wellness by exercises for breathing, concentration, flexibility, strength and relaxation.
PREREQUISITE: None.
38445  Last day to add: 09/08/17
LAB 08/28/17  12/14/17  08:45AM  10:10AM  MW  WEQW2
Instructor: L Zank

KIN-46  Hatha Yoga, Beginning  1 UNIT
Develops physical and mental wellness by exercises for breathing, concentration, flexibility, strength and relaxation.
PREREQUISITE: None.
38446  Last day to add: 09/08/17
LAB 08/28/17  12/14/17  09:40AM  11:05AM  TH  WEQW2
Instructor: F Stewart

KIN-47  Hatha Yoga, Intermediate  1 UNIT
Develops physical and mental wellness by intermediate level exercises for breathing, concentration, flexibility, strength and relaxation.
PREREQUISITE: None.
ADVISORY: KIN-A46.
38448  Last day to add: 09/08/17
LAB 08/28/17  12/14/17  09:40AM  11:05AM  TH  WEQW2
Instructor: F Stewart

KIN-75A  Walking for Fitness: Beginning  1 UNIT
Provides instruction in walking techniques and nutrition, and weight control as it relates to a walking program.
PREREQUISITE: None.
38449  Last day to add: 09/08/17
LAB 08/28/17  12/14/17  08:00AM  09:25AM  TH  WEQW3
Instructor: B Wimer

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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KIN-A81A  Physical Fitness, Beginning  1 UNIT
Provides beginning concepts for total fitness and develops personalized exercise programs for cardiovascular endurance, strength and flexibility.
PREREQUISITE: None.
38450  Last day to add: 09/08/17
LAB  08/28/17  12/14/17  02:30PM  03:55PM  TTH  WEQ W8
Instructor: Staff

KIN-A81A  Physical Fitness, Beginning  1 UNIT
Provides beginning concepts for total fitness and develops personalized exercise programs for cardiovascular endurance, strength and flexibility.
PREREQUISITE: None.
38451  Last day to add: 09/08/17
LAB  08/28/17  12/14/17  06:00PM  07:25PM  TTH  WEQ W8
Instructor: S Witmer

KIN-A81B  Physical Fitness, Intermediate  1 UNIT
Provides concepts for total fitness and develops personalized exercise programs for cardiovascular endurance, strength and flexibility.
PREREQUISITE: None.
38705  Last day to add: 09/08/17
LAB  08/28/17  12/14/17  04:15PM  05:40PM  TTH  WEQ W8
Instructor: S Witmer

KIN-A81B  Physical Fitness, Intermediate  1 UNIT
Provides concepts for total fitness and develops personalized exercise programs for cardiovascular endurance, strength and flexibility.
PREREQUISITE: None.
38706  Last day to add: 09/08/17
LAB  08/28/17  12/14/17  06:00PM  07:25PM  MW  WEQ W8
Instructor: S Witmer

KIN-V10  Soccer, Varsity, Men  2 UNITS
Develops advance skills and strategies to prepare students for intercollegiate soccer competition.
PREREQUISITE: None. LIMITATION ON ENROLLMENT: Retention based on successful tryout.
38454  Last day to add: 09/30/17
LAB  08/28/17  12/14/17  SOCR 2
The above section has a 175-hour laboratory requirement to be arranged and first meets on 8/28/17 at 3:00PM. All meeting times and game dates will be listed on the class syllabus. Contact the instructor for additional information.
Instructor: F Melgarejo

KIN-V25  Soccer, Varsity, Women  2 UNITS
Develops advanced skills and strategies to prepare students for intercollegiate soccer competition.
PREREQUISITE: None. LIMITATION ON ENROLLMENT: Retention based on successful tryout.
38455  Last day to add: 09/30/17
LAB  08/28/17  12/14/17  SOCR 2
The above section has a 175-hour laboratory requirement to be arranged and first meets on 8/28/17 at 1:30PM. All meeting times and game dates will be listed on the class syllabus. Contact the instructor for additional information.
Instructor: E Camperell

LIB-1  Introduction Information Literacy  1 UNIT
Presents the fundamentals of the effective use of libraries to find, evaluate, interpret, and organize information from a variety of formats.
PREREQUISITE: None.
38457  Last day to add: 10/31/17
OL  10/23/17  12/14/17  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

LIB-1  Introduction Information Literacy  1 UNIT
Presents the fundamentals of the effective use of libraries to find, evaluate, interpret, and organize information from a variety of formats.
PREREQUISITE: None.
38456  Last day to add: 09/08/17
HYB  08/28/17  10/16/17  05:10PM  06:15PM  M  ATEC 118
HYBO  08/28/17  10/16/17  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 Selfried

MAG-44  Principles of Management  3 UNITS
An overview of the concepts, processes and techniques of organizational management.
PREREQUISITE: None.
38458  Last day to add: 10/31/17
OL  10/23/17  12/14/17  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 Riker

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.
38460  Last day to add: 10/31/17
OL  10/23/17  12/14/17  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
MAN-38 General Machine Shop 3 UNITS
This introductory course instructs students in the basic setup and operating of the lathe, mill, saw, drill press and grinder. Safety, blueprint reading, measurement, shop math, tool grinding, and speed and feed calculations also included.
PREREQUISITE: None.
38464  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  06:00PM  08:05PM T  CACT 2
LAB 08/28/17  12/14/17  08:15PM  09:05PM T  CACT 2
LAB2 08/28/17  12/14/17  06:00PM  08:05PM TH  CACT 2
Instructor: P Van Hulle

MAN-39 Machine Shop Theory 2 UNITS
The basic cutting concepts of machine tools are described and applied emphasizing safe work practices and rules related to machine tool operations.
PREREQUISITE: None.
38465  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  03:00PM  05:05PM TH  CACT 2
Instructor: P Van Hulle

MAN-55 OSHA Standards for Industry 2 UNITS
OSHA policies, procedures and standards, as well as safety for general industry and health principles. Topics include scope and application of the OSHA standards for general industry.
PREREQUISITE: None.
38808  Last day to add: 09/08/17
OL 08/28/17  12/14/17  06:00PM  08:00PM W  JFK 120
The above section is an online class. Internet access is required.
Instructor: P Van Hulle

MAN-55 OSHA Standards for Industry 2 UNITS
OSHA policies, procedures and standards, as well as safety for general industry and health principles. Topics include scope and application of the OSHA standards for general industry.
PREREQUISITE: None.
38466  Last day to add: 09/08/17
LEC 09/01/17  10/20/17  08:30AM  02:20PM F  ATEC 119
The above section is a short term class. Please note the start and end dates.
Instructor: K Mosley

MAN-57 CNC Program Writing 3 UNITS
Introduction to manual CNC program writing including hands-on experience with CNC machine tools.
PREREQUISITE: None.
38467  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  05:30PM  07:35PM MW  CACT 2
LAB 08/28/17  12/14/17  05:30PM  08:40PM MW  CACT 2
Instructor: P Van Hulle

MAN-63 Labview Visual Programming 3 UNITS
Prepares students to develop test and measurement systems, data acquisition, instrument control, data logging, and measurement analysis application using LabVIEW. (Same as ELE-63)
PREREQUISITE: None.
ADVISORY: CIS-1A.
38822  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  06:00PM  08:05PM MW  IT 124
LAB 08/28/17  12/14/17  07:00PM  08:25PM MW  IT 124
Instructor: K Rad

MANUFACTURING TECHNOLOGY
MATHEMATICS

Moving through Math

MAT-64 Programmable Logic Contr 3 UNITS
Fundamentals of Programmable Logic Controllers (PLCs). Programming, operation, installation, maintenance, troubleshooting and repair of PLC systems. (Same as ELE-64)
PREREQUISITE: None.
ADVISORY: ELE-10 or 21.

38486 Last day to add: 10/29/17
LEC 10/23/17 12/13/17 11:40AM 01:50PM M IT 124
LEC2 10/23/17 12/13/17 11:40AM 01:50PM W IT 124
LAB 10/23/17 12/13/17 02:00PM 05:20PM MW IT 124
The above section is a short term class. Please note the start and end dates.
Instructor: P Van Hulle

MAT-1A Calculus I 4 UNITS
Differentiation with applications and basic integration.
PREREQUISITE: MAT-10 or qualifying placement level.

38490 Last day to add: 09/08/17
WE 08/28/17 12/14/17 02:00PM 04:05PM TTH STEM 115
WEL 08/28/17 12/14/17 04:10PM 05:15PM T STEM 115
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: D Smith

MAT-1A Calculus I 4 UNITS
Differentiation with applications and basic integration.
PREREQUISITE: MAT-10 or qualifying placement level.

38491 Last day to add: 09/08/17
WE 08/28/17 12/14/17 07:45PM 09:50PM M ATEC 211
WE2 08/28/17 12/14/17 07:45PM 09:50PM W ATEC 210
WEL 08/28/17 12/14/17 06:35PM 07:40PM M ATEC 211
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: A Thomas

MAT-1B Calculus II 4 UNITS
Integration, applications of integration, series, parametric equations, and polar coordinates.
PREREQUISITE: MAT-1A.

38493 Last day to add: 09/08/17
WE 08/28/17 12/14/17 09:40AM 11:45AM TTH ATEC 211
WEL 08/28/17 12/14/17 11:50AM 12:55PM T ATEC 211
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 Mulari

MAT-1B Calculus II 4 UNITS
Integration, applications of integration, series, parametric equations, and polar coordinates.
PREREQUISITE: MAT-1A.

38870 Last day to add: 09/08/17
WE 08/28/17 12/14/17 02:00PM 04:05PM TTH ATEC 204
WEL 08/28/17 12/14/17 04:10PM 05:15PM T ATEC 204
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

MAT-1B Calculus II 4 UNITS
Integration, applications of integration, series, parametric equations, and polar coordinates.
PREREQUISITE: MAT-1A.

38494 Last day to add: 09/08/17
WE 08/28/17 12/14/17 05:30PM 07:35PM MW ATEC 210
WEL 08/28/17 12/14/17 07:40PM 08:45PM M ATEC 210
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: Staff

MAT-1B Calculus II 4 UNITS
Integration, applications of integration, series, parametric equations, and polar coordinates.
PREREQUISITE: MAT-1A.

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MAT-1C  Calculus III  4 UNITS
Vectors, partial differentiation, and multiple integrals with applications.
PREREQUISITE: MAT-1B.
38495  Last day to add: 09/08/17
WE  08/28/17  12/14/17  10:30AM  12:35PM TTH  STEM 302
The above section is a web-enhanced class. Internet access is required.
Instructor: A Robles

MAT-1C  Calculus III  4 UNITS
Vectors, partial differentiation, and multiple integrals with applications.
PREREQUISITE: MAT-1B.
38745  Last day to add: 09/08/17
WE  08/28/17  12/14/17  03:45PM  05:50PM TTH  STEM 302
The above section is a web-enhanced class. Internet access is required.
Instructor: A Robles

MAT-2  Differential Equations  4 UNITS
Introduction to differential equations and their applications.
PREREQUISITE: MAT-1B.
38496  Last day to add: 09/08/17
WE  08/28/17  12/14/17  09:40AM  11:45AM TTH  ATEC 204
The above section is a web-enhanced class. Internet access is required.
Instructor: B Johnson

MAT-3  Linear Algebra  3 UNITS
Introduction to matrix algebra with vector spaces and linear transformations.
PREREQUISITE: MAT-1B.
38498  Last day to add: 09/08/17
WE  08/28/17  12/14/17  02:00PM  03:25PM TTH  WEQ W3
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

MAT-5  Calculus for Business and Life Science  4 UNITS
Calculus for business administration, life and social science majors. Applications of derivatives and integrals.
PREREQUISITE: MAT-35 or qualifying placement level.
38530  Last day to add: 09/08/17
WE  08/28/17  12/14/17  10:30AM  12:35PM MW  LIBR 108
The above section is a web-enhanced class. Internet access is required.
Instructor: J Warsinski

MAT-5  Calculus for Business and Life Science  4 UNITS
Calculus for business administration, life and social science majors. Applications of derivatives and integrals.
PREREQUISITE: MAT-35 or qualifying placement level.
38529  Last day to add: 09/08/17
WE  08/28/17  12/14/17  02:00PM  04:05PM TTH  ATEC 205
The above section is a web-enhanced class. Internet access is required.
Instructor: A Robles

MAT-10  Precalculus  4 UNITS
College-level algebra and trigonometry preparation for calculus.
PREREQUISITE: MAT-36 or qualifying placement level.
38469  Last day to add: 09/08/17
WE  08/28/17  12/14/17  08:00AM  10:05AM MW  STEM 201
The above section is a web-enhanced class. Internet access is required.
Instructor: J Warsinski

MAT-10  Precalculus  4 UNITS
College-level algebra and trigonometry preparation for calculus.
PREREQUISITE: MAT-36 or qualifying placement level.
38470  Last day to add: 09/08/17
WE  08/28/17  12/14/17  08:15AM  10:20AM TTH  STEM 302
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

MAT-10  Precalculus  4 UNITS
College-level algebra and trigonometry preparation for calculus.
PREREQUISITE: MAT-36 or qualifying placement level.
38472  Last day to add: 09/08/17
WE  08/28/17  12/14/17  03:00PM  05:05PM MW  ATEC 210
The above section is a web-enhanced class. Internet access is required.
Instructor: J Warsinski

MAT-10  Precalculus  4 UNITS
College-level algebra and trigonometry preparation for calculus.
PREREQUISITE: MAT-36 or qualifying placement level.
38471  Last day to add: 09/08/17
WE  08/28/17  12/14/17  05:30PM  07:35PM TTH  STEM 201
The above section is a web-enhanced class. Internet access is required.
Instructor: A Hassanzadah

MAT-11  College Algebra  4 UNITS
College-level algebra.
PREREQUISITE: MAT-35 or qualifying placement level.
38475  Last day to add: 09/08/17
WE  08/28/17  12/14/17  07:20AM  09:25AM TTH  WEQ W6
The above section is a web-enhanced class. Internet access is required.
Instructor: T Malouf

MAT-11  College Algebra  4 UNITS
College-level algebra.
PREREQUISITE: MAT-35 or qualifying placement level.
38478  Last day to add: 09/08/17
WE  08/28/17  12/14/17  10:30AM  12:35PM MW  WEQ W7
The above section is a web-enhanced class. Internet access is required.
Instructor: J DeGuzman
MAT-11 College Algebra
College-level algebra.
PREREQUISITE: MAT-35 or qualifying placement level.
38473 Last day to add: 09/08/17
WE 08/28/17 12/14/17 03:00PM 05:05PM MW HUM 102
The above section is a web-enhanced class. Internet access is required.
Instructor: J Mulari

MAT-11 College Algebra
College-level algebra.
PREREQUISITE: MAT-35 or qualifying placement level.
38474 Last day to add: 09/08/17
WE 08/28/17 12/14/17 05:30PM 07:35PM MW HUM 102
The above section is a web-enhanced class. Internet access is required.
Instructor: E Hwang

MAT-11 College Algebra
College-level algebra.
PREREQUISITE: MAT-35 or qualifying placement level.
38489 Last day to add: 09/08/17
OL 08/28/17 12/14/17 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 campus for proctored exams on the following dates: one day between 10/17 to 10/21 and another day between 12/9 and 12/14.
Instructor: J Mulari

MAT-12 Statistics
A study of statistical methods and their application to hypothesis testing and estimation of population parameters.
PREREQUISITE: MAT-35 or qualifying placement level.
38473 Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:15AM 10:20AM MW WEQ W6
The above section is a web-enhanced class. Internet access is required.
Instructor: A Robles

MAT-12 Statistics
A study of statistical methods and their application to hypothesis testing and estimation of population parameters.
PREREQUISITE: MAT-35 or qualifying placement level.
38488 Last day to add: 09/08/17
OL 08/28/17 12/14/17 10:30AM 12:35PM M HUM 102
HYB 08/28/17 12/14/17 10:30AM 12:35PM M LIBR 108
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.
Instructor: Y Lam

MAT-12 Statistics
A study of statistical methods and their application to hypothesis testing and estimation of population parameters.
PREREQUISITE: MAT-35 or qualifying placement level.
38487 Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:15AM 10:20AM TTH LIBR 108
The above section is a web-enhanced class. Internet access is required.
Instructor: A Robles

MAT-12 Statistics
A study of statistical methods and their application to hypothesis testing and estimation of population parameters.
PREREQUISITE: MAT-35 or qualifying placement level.
38489 Last day to add: 09/08/17
OL 08/28/17 12/14/17 10:30AM 12:35PM MW STEM 115
The above section is a hybrid 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 10/17 to 10/21 and another day between 12/9 and 12/14.
Instructor: J Mulari

MAT-12 Statistics
A study of statistical methods and their application to hypothesis testing and estimation of population parameters.
PREREQUISITE: MAT-35 or qualifying placement level.
38487 Last day to add: 09/08/17
WE 08/28/17 12/14/17 03:35PM 05:40PM TTH LIBR 108
The above section is a web-enhanced class. Internet access is required.
Instructor: J Warsinski

MAT-12 Statistics
A study of statistical methods and their application to hypothesis testing and estimation of population parameters.
PREREQUISITE: MAT-35 or qualifying placement level.
38488 Last day to add: 09/08/17
OL 08/28/17 12/14/17 03:35PM 05:40PM TTH LIBR 108
The above section is an online class. Computer with Internet access required.
Instructor: S Johnson

MAT-12 Statistics
A study of statistical methods and their application to hypothesis testing and estimation of population parameters.
PREREQUISITE: MAT-35 or qualifying placement level.
38484 Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:15AM 10:20AM TTH LIBR 108
The above section is a web-enhanced class. Internet access is required.
Instructor: J Warsinski

MAT-12 Statistics
A study of statistical methods and their application to hypothesis testing and estimation of population parameters.
PREREQUISITE: MAT-35 or qualifying placement level.
38485 Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:15AM 10:20AM TTH LIBR 108
The above section is a web-enhanced class. Internet access is required.
Instructor: J Warsinski

MAT-12 Statistics
A study of statistical methods and their application to hypothesis testing and estimation of population parameters.
PREREQUISITE: MAT-35 or qualifying placement level.
38486 Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:15AM 10:20AM TTH LIBR 108
The above section is a web-enhanced class. Internet access is required.
Instructor: J Warsinski

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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MAT-12  Statistics  4 UNITS
A study of statistical methods and their application to hypothesis testing and estimation of population parameters.
PREREQUISITE: MAT-35 or qualifying placement level.
38480  Last day to add: 09/08/17
HYB  08/28/17  12/14/17  10:30AM  12:35PM  W  HUM 102
HYBO  08/28/17  12/14/17  ON LINE
The above section is a hybrid class. Computer with Internet access required.
Instructor: Y Lam

MAT-12  Statistics  4 UNITS
A study of statistical methods and their application to hypothesis testing and estimation of population parameters.
PREREQUISITE: MAT-35 or qualifying placement level.
38482  Last day to add: 09/08/17
WE  08/28/17  12/14/17  02:00PM  04:05PM  TTH  WEQW5
The above section is a web-enhanced class. Internet access is required.
Instructor: P Singh

MAT-12  Statistics  4 UNITS
A study of statistical methods and their application to hypothesis testing and estimation of population parameters.
PREREQUISITE: MAT-35 or qualifying placement level.
38483  Last day to add: 09/08/17
WEQ W5
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

MAT-12  Statistics  4 UNITS
A study of statistical methods and their application to hypothesis testing and estimation of population parameters.
PREREQUISITE: MAT-35 or qualifying placement level.
38484  Last day to add: 09/08/17
WE  08/28/17  12/14/17  04:15PM  06:20PM  TTH  WEQW5
The above section is a web-enhanced class. Internet access is required.
Instructor: J Burke

MAT-12  Statistics  4 UNITS
A study of statistical methods and their application to hypothesis testing and estimation of population parameters.
PREREQUISITE: MAT-35 or qualifying placement level.
38485  Last day to add: 09/08/17
WE  08/28/17  12/14/17  06:30PM  08:35PM  MW  ATEC 114
The above section is a web-enhanced class. Internet access is required.
Instructor: J Higley

MAT-12  Statistics  4 UNITS
A study of statistical methods and their application to hypothesis testing and estimation of population parameters.
PREREQUISITE: MAT-35 or qualifying placement level.
38486  Last day to add: 09/08/17
WE  08/28/17  12/14/17  07:00AM  08:05AM  MW  ATEC 114
The above section is a web-enhanced class. Internet access is required.
Instructor: E Chung

MAT-25  Mathematics for the Liberal Arts Student  3 UNITS
A college-level course designed for students majoring in liberal arts, education, or communication.
PREREQUISITE: MAT-35 or qualifying placement level.
38497  Last day to add: 09/08/17
WE  08/28/17  12/14/17  08:45AM  10:10AM  MW  ATEC 210
The above section is a web-enhanced class. Internet access is required.
Instructor: J Frewing
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**Notes:**
- PREREQUISITE: MAT-52 or qualifying placement level.
- Last day to add: 09/08/17
- The above section is a web-enhanced class.
- Internet access is required.

**Instructor:**
- N Alvarado
- J DeGuzman
- N Alvarado
- S Borissova
- F Gelenchi
- S Borissova
- F Gelenchi
- S Borissova

**Staff:**
- 08/28/17
- 08/28/17
- 08/28/17
- 08/28/17
- 08/28/17
- 08/28/17
- 08/28/17

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MAT-35  Intermediate Algebra  5 UNITS
Algebra preparation for college-level mathematics.
PREREQUISITE: MAT-52 or qualifying placement level.
38748  Last day to add: 09/08/17
HYB  08/28/17  12/14/17  02:30PM  03:55PM  MW  STEM 201
HYBO  08/28/17  12/14/17  ON LINE
The above section is a hybrid class. Computer with Internet access required.
Instructor: B Johnson

MAT-35  Intermediate Algebra  5 UNITS
Algebra preparation for college-level mathematics.
PREREQUISITE: MAT-52 or qualifying placement level.
38500  Last day to add: 09/08/17
WE  08/28/17  12/14/17  06:00PM  08:30PM  MW  WEQ W4
The above section is a web-enhanced class. Internet access is required.
Instructor: J DeGuzman

MAT-35  Intermediate Algebra  5 UNITS
Algebra preparation for college-level mathematics.
PREREQUISITE: MAT-52 or qualifying placement level.
38503  Last day to add: 09/08/17
WE  08/28/17  12/14/17  06:00PM  08:30PM  MW  IT 101
The above section is a web-enhanced class. Internet access is required.
Instructor: S Park

MAT-35  Intermediate Algebra  5 UNITS
Algebra preparation for college-level mathematics.
PREREQUISITE: MAT-52 or qualifying placement level.
38506  Last day to add: 09/08/17
WE  08/28/17  12/14/17  06:30PM  09:00PM  THH  HUM 102
The above section is a web-enhanced class. Internet access is required.
Instructor: P Ramirez

MAT-35  Intermediate Algebra  5 UNITS
Algebra preparation for college-level mathematics.
PREREQUISITE: MAT-52 or qualifying placement level.
38507  Last day to add: 09/08/17
WE  08/28/17  12/14/17  07:00PM  09:30PM  TTH  ATEC 211
The above section is a web-enhanced class. Internet access is required.
Instructor: J DeGuzman

MAT-36  Trigonometry  4 UNITS
An introduction to the trigonometric functions, their identities and relationships, graphs and applications, accompanied by essential topics of geometry.
PREREQUISITE: MAT-35 and MAT-53 or qualifying placement level.
38527  Last day to add: 09/08/17
OL  08/28/17  12/14/17  02:30PM  05:30PM  THH  WEQ W4
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 10/17 to 10/21 and another day between 12/09 and 12/14.
Instructor: J Driver

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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<td>OL 08/28/17 12/14/17 ON LINE</td>
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<td>The above section is a web-enhanced class. Internet access is required.</td>
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<tr>
<td>Instructor: Staff</td>
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</tr>
</tbody>
</table>

- Get important textbook information, including ISBN numbers and pricing, and reserve for in-store pickup or delivery to your home! www.norcocollegebookstore.com -
MAT-52  Elementary Algebra  4 UNITS
An introduction to the concepts of algebra. (Non-degree credit course.)
PREREQUISITE: MAT-64 (formerly 50), 65, 90F or qualifying placement level.
38531  Last day to add: 09/08/17
WE  08/28/17  12/14/17  08:15AM  10:20AM  MW  WEQ W5
The above section is a web-enhanced class. Internet access is required.
Instructor: K Helmick

MAT-52  Elementary Algebra  4 UNITS
An introduction to the concepts of algebra. (Non-degree credit course.)
PREREQUISITE: MAT-64 (formerly 50), 65, 90F or qualifying placement level.
38532  Last day to add: 09/08/17
WE  08/28/17  12/14/17  10:30AM  12:35PM  MW  ATEC 210
The above section is a web-enhanced class. Internet access is required.
Instructor: J Frewing

MAT-52  Elementary Algebra  4 UNITS
An introduction to the concepts of algebra. (Non-degree credit course.)
PREREQUISITE: MAT-64 (formerly 50), 65, 90F or qualifying placement level.
38755  Last day to add: 09/24/17
WE  09/11/17  12/13/17  12:45PM  02:15PM  MWF  ATEC 211
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: Staff

MAT-52  Elementary Algebra  4 UNITS
An introduction to the concepts of algebra. (Non-degree credit course.)
PREREQUISITE: MAT-64 (formerly 50), 65, 90F or qualifying placement level.
38540  Last day to add: 09/08/17
WE  08/28/17  12/14/17  03:00PM  05:05PM  MW  WEQ W5
The above section is a web-enhanced class. Internet access is required.
Instructor: K Helmick

MAT-52  Elementary Algebra  4 UNITS
An introduction to the concepts of algebra. (Non-degree credit course.)
PREREQUISITE: MAT-64 (formerly 50), 65, 90F or qualifying placement level.
38543  Last day to add: 09/08/17
WE  08/28/17  12/14/17  03:00PM  05:05PM  MW  LIBR 108
The above section is a web-enhanced class. Internet access is required.
Instructor: E Hwang

MAT-52  Elementary Algebra  4 UNITS
An introduction to the concepts of algebra. (Non-degree credit course.)
PREREQUISITE: MAT-64 (formerly 50), 65, 90F or qualifying placement level.
38546  Last day to add: 09/08/17
WE  08/28/17  12/14/17  12:45PM  02:10PM  MW  STEM 302
The above section is a web-enhanced class. Internet access is required.
Instructor: S Borissova
MAT-53 College Geometry 3 UNITS
A course in the study of two- and three-dimensional geometry.
PREREQUISITE: MAT-52 or qualifying placement level.
38548 Last day to add: 09/08/17
WE 08/28/17 12/14/17 06:30PM 07:55PM TTH WEQW5
The above section is a web-enhanced class. Internet access is required.
Instructor: D Smith

MAT-64 Pre-Algebra 3 UNITS
Designed as a transition from arithmetic to elementary algebra. (Non-degree credit course.)
PREREQUISITE: MAT-63 or 90C.
38549 Last day to add: 09/08/17
WE 08/28/17 12/14/17 12:45PM 02:10PM MW ATEC 210
The above section is a web-enhanced class. Internet access is required.
Instructor: S Park

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.
38552 Last day to add: 09/08/17
WE 08/28/17 12/14/17 07:00AM 08:35AM MWF ATEC 210
The above section is a web-enhanced class. Internet access is required.
Instructor: M Zeller

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.
38558 Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:45AM 10:20AM MWF LIBR 108
The above section is a web-enhanced class. Internet access is required.
Instructor: M Zeller

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.
38557 Last day to add: 09/08/17
WE 08/28/17 12/14/17 10:30AM 12:05PM MWF WEQW5
The above section is a web-enhanced class. Internet access is required.
Instructor: S Park

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.
38555 Last day to add: 09/08/17
HYB 08/28/17 12/14/17 05:30PM 06:55PM TTH ATEC 211
HYBO 08/28/17 12/14/17 ON LINE
The above section is a hybrid class. Computer with Internet access required.
Instructor: E Chung

MICROBIOLOGY

MIC-1 Microbiology 4 UNITS
General characteristics of microbes with emphasis on their control and role in disease.
PREREQUISITE: CHE-2A or 3 and one of the following: AMY-2A, BIO-1, 1H, or 11.
38559 Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:45AM 10:10AM MW ST 211
WEL 08/28/17 12/14/17 10:30AM 01:40PM M ST 203
The above section is a web-enhanced class. Internet access is required.
Instructor: J Julius

MIC-1 Microbiology 4 UNITS
General characteristics of microbes with emphasis on their control and role in disease.
PREREQUISITE: CHE-2A or 3 and one of the following: AMY-2A, BIO-1, 1H, or 11.
38562 Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:45AM 10:10AM MW ST 211
WEL 08/28/17 12/14/17 10:30AM 01:40PM W ST 203
The above section is a web-enhanced class. Internet access is required.
Instructor: J Julius

MIC-1 Microbiology 4 UNITS
General characteristics of microbes with emphasis on their control and role in disease.
PREREQUISITE: CHE-2A or 3 and one of the following: AMY-2A, BIO-1, 1H, or 11.
38560 Last day to add: 09/08/17
WE 08/28/17 12/14/17 06:00PM 07:25PM MW IT 117
WEL 08/28/17 12/14/17 07:35PM 09:10PM MW ST 203
The above section is a web-enhanced class. Internet access is required.
Instructor: B Moore
MUSIC INDUSTRY STUDIES

MIS-1A  Beg. Performance for Studio Recording  2 UNITS
Introduction to practical performance techniques for the recording studio. Students will have the opportunity to participate in the planning process of a recording session. This class is appropriate for vocalist and instrumentalist.
PREREQUISITE: None.

38568  Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:00AM 09:00AM M THTR 204
WEL 08/28/17 12/14/17 08:00AM 09:00AM M THTR 204
The above section is a web-enhanced class. Internet access is required.
Instructor: B Kerr

MIS-1B  Inter Perform Techniques Studio Record  2 UNITS
Skills development in performance and studio technique as they relate to song formation, collaboration, microphone, mixing and production.
PREREQUISITE: MIS-1A.

38569  Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:00AM 09:00AM M THTR 204
WEL 08/28/17 12/14/17 08:00AM 09:00AM M THTR 204
The above section is a web-enhanced class. Internet access is required.
Instructor: B Kerr

MIS-1C  Adv Perform Techniques for Studio Record  2 UNITS
Advanced performance and studio techniques as they relate to communication, song collaboration, studio session mapping, microphone, mixing and production.
PREREQUISITE: MUC-1B.

38570  Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:00AM 09:00AM M THTR 204
WEL 08/28/17 12/14/17 08:00AM 09:00AM M THTR 204
The above section is a web-enhanced class. Internet access is required.
Instructor: B Kerr

MIS-3  Digital Audio Production 1  4 UNITS
An introduction to electronic music production including synthesis, sampling, MIDI sequencing and audio production. Students have the opportunity to obtain Pro Tools User Certification.

38572  Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:00AM 09:00AM M THTR 204
WEL 08/28/17 12/14/17 08:00AM 09:00AM M THTR 204
The above section is a web-enhanced class. Internet access is required.
Instructor: B Kerr

MIS-7  Introduction to Music Technology  3 UNITS
This introductory course examines the terminology, equipment, techniques, and concepts related to music technology.
PREREQUISITE: None.

38573  Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:00AM 09:00AM M THTR 204
WEL 08/28/17 12/14/17 08:00AM 09:00AM M THTR 204
The above section is a web-enhanced class. Internet access is required.
Instructor: A Eastwood

MIS-11A  Studio Arts Ensemble I  2 UNITS
An ensemble designed for instrumentalists and vocalists interested in the popular music and entertainment industries.
PREREQUISITE: None.

38565  Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:00AM 09:00AM M THTR 204
WEL 08/28/17 12/14/17 08:00AM 09:00AM M 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
A continuation of the skill development of instrumentalists and vocalists interested in the popular music and entertainment industries.
PREREQUISITE: MIS-11A.
38566  Last day to add: 09/28/17
WEL  08/28/17  12/14/17  04:15PM  06:10PM  TH 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 Palisip

MIS-12  Live Sound Reinforcement  3 UNITS
This course focuses on the basic elements of live sound reinforcement.
PREREQUISITE: None.
38567  Last day to add: 09/28/17
WE  08/28/17  12/14/17  09:40AM  10:45AM  T  THTR 204
WE2  08/28/17  12/14/17  09:40AM  10:30AM  TH  THTR 204
WEL  08/28/17  12/14/17  10:55AM  12:20PM  T  THTR 204
WEL2  08/28/17  12/14/17  10:40AM  12:05PM  TH  THTR 204
The above section is a web-enhanced class. Internet access is required.
Instructor: K Kamerin

MARKETING

MKT-20  Princ of Marketing  3 UNITS
Examines the role of marketing along with an analysis of both profit and non-profit organizations’ product, price, distribution and promotion.
PREREQUISITE: None.
ADVISORY: BUS-10.
38574  Last day to add: 09/28/17
WE  08/28/17  12/14/17  06:30PM  09:40PM  T  JFK 112
The above section is a web-enhanced class. Internet access is required.
Instructor: M Ferguson

MUSIC

MUS-3  Music Fundamentals  4 UNITS
Basic course in music including notation, rhythm, pitch, keys, scales, intervals, chords and music terminology.
PREREQUISITE: None.
ADVISORY: Concurrent enrollment in an appropriate level piano class.
38577  Last day to add: 09/28/17
WE  08/28/17  12/14/17  07:45AM  09:10AM  MW  HUM 101
WEL  08/28/17  12/14/17  09:30AM  10:55AM  MW  HUM 101
The above section is a web-enhanced class. Internet access is required.
Instructor: K Kamerin

MUS-5  Music Theory II  4 UNITS
Principles of voice leading of the Common Practice period including diatonic and chromatic harmony.
PREREQUISITE: MUS-4 or the equivalent.
ADVISORY: Concurrent enrollment in an appropriate level piano class.
38586  Last day to add: 09/28/17
WE  08/28/17  12/14/17  07:45AM  09:10AM  MW  HUM 101
WEL  08/28/17  12/14/17  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
A survey of music in the Western world focused on listening, including terminology for describing musical elements, forms, styles, and the roles of music and musicians in society.
PREREQUISITE: None.
38575  Last day to add: 09/28/17
WE  08/28/17  12/14/17  12:45PM  02:10PM  MW  THTR 101
The above section is a web-enhanced class. Internet access is required.
Instructor: E Holt

MUS-23  History of Rock and Roll  3 UNITS
Comprehensive study of rock and roll music from its origins to the present. Emphasis on historical, musical, and sociological influences and listening to the music.
PREREQUISITE: None.
38576  Last day to add: 09/28/17
WE  08/28/17  12/14/17  02:00PM  03:25PM  TH  IT 101
The above section is a web-enhanced class. Internet access is required.
Instructor: N Pirozzi

MUS-30  Class Voice  1 UNIT
Group study of vocal production, voice technique, diction and interpretation.
PREREQUISITE: None.
38578  Last day to add: 09/28/17
LAB  08/28/17  12/14/17  02:00PM  03:25PM  TTH THTR 204
Instructor: N Estes

MUS-31  College Choir  1 UNIT
A vocal ensemble of mixed voices dedicated to the study, rehearsal and performance of a variety of choral literature.
PREREQUISITE: None. LIMITATION ON ENROLLMENT: Audition on or before the first day of class.
38868  Last day to add: 09/26/17
WEL  08/28/17  12/14/17  06:30PM  08:30PM  T  THTR 204
This course has additional laboratory hours to be arranged. 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. The above section is a web-enhanced class. Internet access is required.
Instructor: K Kamerin
MUS-32A  Class Piano I  1 UNIT
Beginning course in developing the skills needed for performing on piano, including reading from music notation.
PREREQUISITE: None.
38579  Last day to add: 10/02/17
LAB  08/28/17  12/14/17  12:45PM  02:10PM  MW  HUM 101
Instructor: N Pirozzi

MUS-32B  Class Piano II  1 UNIT
Skills development in playing select major and minor scales, primary triad progressions, harmonizing easy melodies, transposing to closely related keys, sight reading easy pieces, and performing simple piano pieces.
PREREQUISITE: MUS-32A or the equivalent.
38580  Last day to add: 10/02/17
LAB  08/28/17  12/14/17  02:30PM  03:55PM  MW  HUM 101
Instructor: N Pirozzi

MUS-32C  Class Piano III  1 UNIT
Focus on playing major and minor scales starting on black keys, arpeggios, harmonizing melodies with accompaniment patterns, sight reading and transposing simple pieces, and performing intermediate piano learning pieces and ensembles from open score.
PREREQUISITE: MUS-32B or the equivalent.
38581  Last day to add: 10/02/17
LAB  08/28/17  12/14/17  02:30PM  03:55PM  MW  HUM 101
Instructor: N Pirozzi

MUS-32D  Class Piano IV  1 UNIT
Focus on playing all major and minor scales and arpeggios, two octaves, hands together, diatonic chord progressions, harmonizing melodies, transposing and sight reading pieces of moderate difficulty, accompanying for a soloist, score reading pieces of moderate difficulty, and performing piano pieces in contrasting styles.
PREREQUISITE: MUS-32C or the equivalent.
38582  Last day to add: 10/02/17
LAB  08/28/17  12/14/17  02:30PM  03:55PM  MW  HUM 101
Instructor: N Pirozzi

MUS-37  Class Guitar  1 UNIT
Basic guitar playing skills including reading from music notation.
PREREQUISITE: None.
38583  Last day to add: 09/08/17
LAB  08/28/17  12/14/17  04:15PM  05:40PM  MW  THTR 204
Instructor: B Palispis

MUS-38  Beginning Applied Music I  2 UNITS
Vocal or instrumental individualized music instruction and practice for a total of 108 hours. Not designed for beginning students.
PREREQUISITE: None. LIMITATION ON ENROLLMENT: Audition on or before the first class meeting.
38584  Last day to add: 09/30/17
WEL  08/28/17  12/14/17  11:15AM  12:35PM  MWF  THTR 204
The above section is a web-enhanced class and has a 108-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, August 31st, from 12:50PM - 1:50PM in THTR 101. If you cannot attend the meeting, you must contact the instructor to schedule an audition. The deadline to schedule auditions is Friday, September 1st. 6 hours of lessons and 6 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 6 hours each week. For additional information, please email Kim. kim.kamerin@norcocollege.edu or call 951-738-7703.
Instructor: K Kamerin

MUS-39  Applied Music I  3 UNITS
Vocal or instrumental individualized music instruction, practice, and performance for a total of 162 hours. Not designed for beginning students.
PREREQUISITE: None.
COREQUISITE: Enrollment in a two-unit performance class. LIMITATION ON ENROLLMENT: Audition on or before the first class meeting.
38585  Last day to add: 09/30/17
WEL  08/28/17  12/14/17  11:15AM  12:35PM  MWF  THTR 204
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, August 31st from 12:50PM - 1:50PM in THTR 101. If you cannot attend the meeting, you must contact the instructor to schedule an audition. The deadline to schedule auditions is Friday, September 1st. 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. kim.kamerin@norcocollege.edu or call 951-738-7703.
Instructor: K Kamerin

MUS-41  Chamber Singers  2 UNITS
Study, rehearsal, and public performance of literature for vocal chamber ensemble.
PREREQUISITE: None. LIMITATION ON ENROLLMENT: Audition on or before the first class meeting.
38823  Last day to add: 09/29/17
WEL  08/28/17  12/14/17  11:15AM  12:35PM  MWF  THTR 204
The above section has additional laboratory hours to be arranged. 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. The above section is a web-enhanced class. Internet access is required.
Instructor: K Kamerin
**MUS-78**  
**Beg Applied Music II**  
2 UNITS  
Advanced vocal or instrumental individualized music instruction, practice, and performance for a total of 108 hours. Not designed for beginning students.  
PREREQUISITE: None. LIMITATION ON ENROLLMENT: Audition on or before the first class meeting.  
38588  
Last day to add: 09/30/17  
WEL 08/28/17 12/14/17  
The above section is a web-enhanced class and has a 108-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, August 31st from 12:50PM - 1:50PM in THTR 101. If you cannot attend the meeting, you must contact the instructor to schedule an audition. The deadline to schedule auditions is Friday, September 1st. 6 hours of lessons and 6 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 6 hours each week. For additional information, please email Kim. kim.kamerin@norcocollege.edu or call 951-738-7703.  
Instructor: K Kamerin

**MUS-79**  
**Applied Music II**  
3 UNITS  
Advanced vocal or instrumental individualized music instruction, practice, and performance for a total of 162 hours. Not designed for beginning students.  
PREREQUISITE: None.  
COREQUISITE: Enrollment in a two-unit performance ensemble. LIMITATION ON ENROLLMENT: Audition on or before the first class meeting.  
38589  
Last day to add: 09/30/17  
WEL 08/28/17 12/14/17  
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, August 31st from 12:50PM - 1:50PM in THTR 101. If you cannot attend the meeting, you must contact the instructor to schedule an audition. The deadline to schedule auditions is Friday, September 1st. 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. 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.  
38590  
Last day to add: 09/08/17  
OL 08/28/17 12/14/17  
The above section is an online class. Computer with Internet access required.  
Instructor: I Zubizarreta

**PHILOSOPHY**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Course Description</th>
<th>Prerequisite(s)</th>
<th>Last day to add</th>
<th>Credits</th>
<th>Days and Times</th>
<th>Location</th>
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<td>PHI-10</td>
<td>Intro to Philosophy</td>
<td>3</td>
<td>Introduction to the major questions of Western philosophy and their answers.</td>
<td>None.</td>
<td>09/08/17</td>
<td>3</td>
<td>TTH 07:10PM - 08:35AM</td>
<td>ATEC 211</td>
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<td>PHI-10</td>
<td>Intro to Philosophy</td>
<td>3</td>
<td>Introduction to the major questions of Western philosophy and their answers.</td>
<td>None.</td>
<td>09/08/17</td>
<td>3</td>
<td>TTH 08:00AM - 09:25AM</td>
<td>HUM 102</td>
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<td>PHI-10</td>
<td>Intro to Philosophy</td>
<td>3</td>
<td>Introduction to the major questions of Western philosophy and their answers.</td>
<td>None.</td>
<td>09/08/17</td>
<td>3</td>
<td>TTH 09:40AM - 11:05AM</td>
<td>ATEC 205</td>
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<tr>
<td>PHI-10</td>
<td>Intro to Philosophy</td>
<td>3</td>
<td>Introduction to the major questions of Western philosophy and their answers.</td>
<td>None.</td>
<td>09/08/17</td>
<td>3</td>
<td>M 06:00PM - 09:10PM</td>
<td>WEQ W7</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 • WRE - Work Experience Lecture • WRRK - Hybrid Work Experience • WRRKO - Work Experience Online

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PHI-10 Intro to Philosophy 3 UNITS
Introduction to the major questions of Western philosophy and their answers.
PREREQUISITE: None.
ADVISORY: ENG-50 or 80.
38596 Last day to add: 09/08/17
WE 08/28/17 12/14/17 06:00PM 09:10PM TH ATEC 114
The above section is a web-enhanced class. Internet access is required.
Instructor: J Gill

PHI-10H Honors Intro Philosophy 3 UNITS
Offers students in the Honors Program an enriched introduction to the major questions of Western philosophy and their answers.
PREREQUISITE: None. LIMITATION ON ENROLLMENT: Enrollment in the Honors Program.
38758 Last day to add: 09/08/17
WE 08/28/17 12/14/17 02:00PM 03:25PM TTH STEM 125
The above section is a web-enhanced class. Internet access is required.
Instructor: J Sentmanat

PHI-11 Critical Thinking 3 UNITS
Introduction to critical thinking as it relates to everyday experience and general knowledge.
PREREQUISITE: None.
ADVISORY: REA-82.
38759 Last day to add: 09/08/17
OL 08/28/17 12/14/17 ON LINE
The above section is an online class. Computer with Internet access required. See www.opencampus.com.
Instructor: L Montes

PHI-11 Critical Thinking 3 UNITS
Introduction to critical thinking as it relates to everyday experience and general knowledge.
PREREQUISITE: None.
ADVISORY: REA-82.
38597 Last day to add: 09/12/17
WE 09/01/17 12/08/17 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: L Montes

PHI-11 Critical Thinking 3 UNITS
Introduction to critical thinking as it relates to everyday experience and general knowledge.
PREREQUISITE: None.
ADVISORY: REA-82.
38598 Last day to add: 09/08/17
WE 08/28/17 12/14/17 11:15AM 12:40PM TTH IT 210
The above section is a web-enhanced class. Internet access is required.
Instructor: T Farmer

PHI-11 Critical Thinking 3 UNITS
Introduction to critical thinking as it relates to everyday experience and general knowledge.
PREREQUISITE: None.
ADVISORY: REA-82.
38759 Last day to add: 09/08/17
WE 08/28/17 12/14/17 02:00PM 03:35PM TTH STEM 302
The above section is a web-enhanced class. Internet access is required.
Instructor: J Gill

PHI-12 Ethics: Contemp Moral Issues 3 UNITS
An examination of contemporary moral problems in light of ethical theory.
PREREQUISITE: None.
38600 Last day to add: 09/08/17
WE 08/28/17 12/14/17 02:30PM 03:55PM MW IT 101
The above section is a web-enhanced class. Internet access is required.
Instructor: J Sentmanat

PHYSICS

PHY-2B General Physics II 4 UNITS
Study of thermodynamics, electricity, and magnetism, optics and modern physics.
PREREQUISITE: PHY-2A.
38707 Last day to add: 09/08/17
WE 08/28/17 12/14/17 11:15AM 12:40PM TTH HUM 201
WEL 08/28/17 12/14/17 02:00PM 05:10PM TH HUM 201
The above section is a web-enhanced class. Internet access is required.
Instructor: P Tran

PHY-4A Mechanics 4 UNITS
The study of the relationships among force, matter, and motion.
PREREQUISITE: None.
COREQUISITE: MAT-1A.
38607 Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:45AM 10:10AM MW HUM 201
WEL 08/28/17 12/14/17 01:00PM 04:10PM W HUM 201
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff
PHY-4A  Mechanics  4 UNITS
The study of the relationships among force, matter, and motion.
PREREQUISITE: None.
COREQUISITE: PHY-1A.
38608  Last day to add: 09/08/17
WE  08/28/17  12/14/17  09:40AM  11:05AM  TTH  HUM 201
WEL  08/28/17  12/14/17  02:00PM  05:10PM  T  HUM 201
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

PHY-4C  Heat, Light and Waves  4 UNITS
The study of waves, thermodynamics, geometric and physical optics, and fluid mechanics.
PREREQUISITE: PHY-4A.
COREQUISITE: PHY-1B.
38609  Last day to add: 09/08/17
WE  08/28/17  12/14/17  10:30AM  11:55AM  MW  HUM 201
WEL  08/28/17  12/14/17  01:00PM  04:10PM  M  HUM 201
The above section is a web-enhanced class. Internet access is required.
Instructor: P Tran

PHY-10  Introduction to General Physics  3 UNITS
Introduces study of mechanics, matter, heat, sound light, electricity, magnetism, and nuclear physics.
PREREQUISITE: MAT-52.
38605  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  04:15PM  05:40PM  TTH  IT 101
Instructor: Staff

PHY-10  Introduction to General Physics  3 UNITS
Introduces study of mechanics, matter, heat, sound light, electricity, magnetism, and nuclear physics.
PREREQUISITE: MAT-52.
38604  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  06:00PM  07:25PM  MW  HUM 201
Instructor: Staff

PHY-11  Physics Lab  1 UNIT
A laboratory for the non-science major with emphasis on lab techniques. Student experimentation and demonstrations.
PREREQUISITE: None.
COREQUISITE: PHY-10.
38606  Last day to add: 09/08/17
LAB  08/28/17  12/14/17  06:00PM  09:10PM  TH  HUM 201
Instructor: Staff

POLITICAL SCIENCE

POL-1  American Politics  3 UNITS
The principles, institutions, policies, and critical issues in American politics.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
38617  Last day to add: 09/08/17
OL  08/28/17  12/14/17  08:00AM  09:25AM  TTH  IT 122
The above section is an online class. Computer with Internet access required.
Instructor: R Brown

POL-1  American Politics  3 UNITS
The principles, institutions, policies, and critical issues in American politics.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
38621  Last day to add: 09/08/17
OL  08/28/17  12/14/17  08:00AM  09:25AM  TTH  IT 122
The above section is an online class. Computer with Internet access required.
Instructor: S Popiden

POL-1  American Politics  3 UNITS
The principles, institutions, policies, and critical issues in American politics.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
38624  Last day to add: 09/08/17
OL  08/28/17  12/14/17  08:00AM  09:25AM  TTH  IT 122
The above section is an online class. Computer with Internet access required.
Instructor: E Kehlenbach

POL-1  American Politics  3 UNITS
The principles, institutions, policies, and critical issues in American politics.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
38610  Last day to add: 09/08/17
OL  08/28/17  12/14/17  08:45AM  10:10AM  MW  IT 122
The above section is a web-enhanced class. Internet access is required.
Instructor: G Zahedzadeh

POL-1  American Politics  3 UNITS
The principles, institutions, policies, and critical issues in American politics.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
38614  Last day to add: 09/08/17
OL  08/28/17  12/14/17  10:30AM  11:55AM  MW  IT 122
The above section is a web-enhanced class. Internet access is required.
Instructor: G Zahedzadeh
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<td>POL-4</td>
<td>Introduction to World Politics</td>
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<td>A study of the paradigms, theories, institutions, and issues of international political economy and world politics.</td>
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<td>Instructor: R Brown</td>
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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
WEL - Web Enhanced Lecture • WEL - Web Enhanced Lab • WRX - Work Experience Lecture • WRXH - Hybrid Work Experience • WRXO - Work Experience Online

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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.
38635  Last day to add: 09/08/17
OL  08/28/17  12/14/17
The above section is an online class. Computer with Internet access 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.
38636  Last day to add: 09/08/17
WE  08/28/17  12/14/17  09:40AM  11:05AM  TTH  WEQ W6
The above section is a web-enhanced class. Internet access is required.
Instructor: J Hicks

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.
38629  Last day to add: 09/08/17
WE  08/28/17  12/14/17  10:30AM  11:55AM  MW  WEQ W6
The above section is a web-enhanced class. Internet access is required.
Instructor: Y Flores

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.
38630  Last day to add: 09/08/17
HYB  08/28/17  12/14/17  11:15AM  12:40PM  TH  IT 117
HYBO  08/28/17  12/14/17  ON LINE
The above section is a hybrid class. Computer with Internet access 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.
38627  Last day to add: 09/12/17
WE  09/01/17  12/08/17  11:30AM  03:35PM  F  IT 122
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: B 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.
38628  Last day to add: 09/08/17
HYB  08/28/17  12/14/17  12:45PM  02:10PM  M  STEM 115
HYBO  08/28/17  12/14/17  ON LINE
The above section is a hybrid class. Computer with Internet access 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.
38632  Last day to add: 09/08/17
WE  08/28/17  12/14/17  02:30PM  03:55PM  MW  IT 122
The above section is a web-enhanced class. Internet access is required.
Instructor: N Hightower

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.
38633  Last day to add: 09/08/17
WE  08/28/17  12/14/17  04:15PM  05:40PM  TH  WEQ W7
The above section is a web-enhanced class. Internet access is required.
Instructor: W Holmquist

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.
38631  Last day to add: 09/08/17
WE  08/28/17  12/14/17  06:00PM  09:35PM  M  WEQ W3
The above section is a web-enhanced class. Internet access is required.
Instructor: L Crawford

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.
38634  Last day to add: 09/08/17
WE  08/28/17  12/14/17  06:00PM  09:10PM  TH  ATEC 205
The above section is a web-enhanced class. Internet access is required.
Instructor: W Holmquist
PSY-1H  Honors General Psychology  3 UNITS
An honors course that surveys scientific study of behavior and mental processes, including learning, emotion, motivation, emotional problems and therapy.
PREREQUISITE: None.
38827   Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:45AM 10:10AM MW STEM 125
The above section is a web-enhanced class. Internet access is required.
Instructor: N Hightower

PSY-9  Developmental Psych  3 UNITS
A survey of biological, cognitive and psychosocial development throughout the human life cycle from conception to death.
PREREQUISITE: None.
38714   Last day to add: 09/12/17
WE 09/01/17 12/08/17 07:00AM 11:05AM F IT 109
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: J Hicks

PSY-2  Biological Psychology  3 UNITS
A scientific study of the biological determinants of behavior and cognition.
PREREQUISITE: PSY-1.
38638   Last day to add: 09/08/17
HYB 08/28/17 12/14/17 11:15AM 12:40PM T IT 117
HYBO 08/28/17 12/14/17 ON LINE
The above section is a hybrid class. Computer with Internet access required.
Instructor: L Adams

PSY-8  Introduction to Social Psychology  3 UNITS
The study of individual human behavior in relation to the social environment.
PREREQUISITE: None.
38643   Last day to add: 09/08/17
WE 08/28/17 12/14/17 11:15AM 12:40PM TTH WEQ W5
The above section is a web-enhanced class. Internet access is required.
Instructor: B Adams

PSY-9  Developmental Psych  3 UNITS
A survey of biological, cognitive and psychosocial development throughout the human life cycle from conception to death.
PREREQUISITE: None.
38648   Last day to add: 09/13/17
WE 08/28/17 12/09/17 08:00AM 11:35AM S ATEC 114
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: J Hicks

PSY-9  Developmental Psych  3 UNITS
A survey of biological, cognitive and psychosocial development throughout the human life cycle from conception to death.
PREREQUISITE: None.
38644   Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:45AM 10:10AM MW IT 101
The above section is a web-enhanced class. Internet access is required.
Instructor: Y Flores

PSY-9  Developmental Psych  3 UNITS
A survey of biological, cognitive and psychosocial development throughout the human life cycle from conception to death.
PREREQUISITE: None.
38646   Last day to add: 09/08/17
WE 08/28/17 12/14/17 12:45PM 02:10PM MW ATEC 114
The above section is a web-enhanced class. Internet access is required.
Instructor: Y Flores

PSY-9  Developmental Psych  3 UNITS
A survey of biological, cognitive and psychosocial development throughout the human life cycle from conception to death.
PREREQUISITE: None.
38645   Last day to add: 09/12/17
WE 09/01/17 12/08/17 07:00AM 11:05AM F IT 109
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
Instructor: B Adams
PSY-9  Developmental Psych  3 UNITS
A survey of biological, cognitive and psychosocial development throughout the human life cycle from conception to death.
PREREQUISITE: None.
38647  Last day to add: 09/08/17
WE 08/28/17  12/14/17  04:15PM  05:40PM MW STEM 115
The above section is a web-enhanced class. Internet access is required.
Instructor: N Hightower

PSY-9  Developmental Psych  3 UNITS
A survey of biological, cognitive and psychosocial development throughout the human life cycle from conception to death.
PREREQUISITE: None.
38649  Last day to add: 09/08/17
WE 08/28/17  12/14/17  06:00PM  09:10PM T ATEC 114
The above section is a web-enhanced class. Internet access is required.
Instructor: J Hicks

PSY-33  Theories of Personality  3 UNITS
A survey and assessment of the basic concepts, theories, science, and principles of the prevailing theories of personality.
PREREQUISITE: None.
38639  Last day to add: 09/08/17
WE 08/28/17  12/14/17  09:40AM  11:05AM T LIBR 110
The above section is a web-enhanced class. Internet access is required.
Instructor: M Sloniger

PSY-35  Abnormal Psychology  3 UNITS
A survey of the nature, causes and treatment of psychological disorder.
PREREQUISITE: None.
38640  Last day to add: 09/08/17
WE 08/28/17  12/14/17  09:40AM  11:05AM T IT 111
The above section is a web-enhanced class. Internet access is required.
Instructor: M Sloniger

PSY-50  Research Methods in Psychology  4 UNITS
The study and application of scientific methods used in behavioral research.
PREREQUISITE: PSY-1 and MAT-12/12H.
38641  Last day to add: 09/08/17
WE 08/28/17  12/14/17  12:20PM  02:10PM MW IT 208
WEL 08/28/17  12/14/17  10:25AM  11:50AM W STEM 302
The above section is a web-enhanced class. Internet access is required.
Instructor: M Sloniger

PSY-50  Research Methods in Psychology  4 UNITS
The study and application of scientific methods used in behavioral research.
PREREQUISITE: PSY-1 and MAT-12/12H.
38642  Last day to add: 09/08/17
WE 08/28/17  12/14/17  03:35PM  05:25PM T TH STEM 125
WEL 08/28/17  12/14/17  10:25AM  11:50AM M STEM 302
The above section is a web-enhanced class. Internet access is required.
Instructor: M Sloniger

READING

REA-4  Critical Reading As Critical Thinking  3 UNITS
Offers instruction in reading as a developmental process, a complex-meaning construction process, a language process and a critical thinking process.
PREREQUISITE: None.
38650  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  06:00PM  09:10PM W IT 111
The above section is a web-enhanced class. Internet access is required.
Instructor: Staff

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.
38652  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  08:15AM  09:40AM T TH LIBR 110
LAB 08/28/17  12/14/17  07:00AM  07:50AM T LIBR 110
LAB2 08/28/17  12/14/17  07:00AM  08:55AM 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.
38651  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  11:15AM  12:40PM T TH LIBR 110
LAB 08/28/17  12/14/17  10:00AM  10:50AM T LIBR 110
LAB2 08/28/17  12/14/17  10:00AM  11:50AM 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
Intended for students who experience significant difficulty in reading college-level materials. (Non-degree credit course.)
PREREQUISITE: REA-81 or qualifying placement level.
38656  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  08:30AM  09:55AM MW LIBR 110
LAB 08/28/17  12/14/17  07:15AM  08:05AM M LIBR 110
LAB2 08/28/17  12/14/17  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**
Intended for students who experience significant difficulty in reading college-level materials. (Non-degree credit course.)
PREREQUISITE: REA-81 or qualifying placement level.
38654 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 11:45AM 01:10PM MW LIBR 110
LAB 08/28/17 12/14/17 10:30AM 11:20AM M LIBR 110
LAB2 08/28/17 12/14/17 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**
Intended for students who experience moderate difficulty in reading college-level materials. (Non-degree credit course.)
PREREQUISITE: REA-82 or ESL-73 or qualifying placement level.
38655 Last day to add: 09/08/17
WE 08/28/17 12/14/17 06:00PM 07:25PM TTH LIBR 110
WEL 08/28/17 12/14/17 07:35PM 08:25PM T LIBR 110
WEL2 08/28/17 12/14/17 07:35PM 08:40PM TH LIBR 110
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: P Van Osterhoudt

**REA-83  College Reading and Thinking  3 UNITS**
Intended for students who experience moderate difficulty in reading college-level materials. (Non-degree credit course.)
PREREQUISITE: REA-82 or ESL-73 or qualifying placement level.
38657 Last day to add: 09/12/17
LEC 09/01/17 12/08/17 02:30PM 06:35PM F LIBR 110
The above section is a short term class. Please note the start and end dates.
Instructor: M Adebayo-Ige

**RL-80  Real Estate Principles  3 UNITS**
Comprehensive analysis of basic laws, principles, terminology and current practices of California real estate.
PREREQUISITE: None.
38660 Last day to add: 10/31/17
OL 10/23/17 12/14/17 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

**RL-80  Real Estate Principles  3 UNITS**
Comprehensive analysis of basic laws, principles, terminology and current practices of California real estate.
PREREQUISITE: None.
38661 Last day to add: 09/08/17
HYB 08/28/17 12/14/17 04:15PM 05:40PM M LIBR 110
HYB0 08/28/17 12/14/17 ON LINE
The above section is a hybrid class. Computer with Internet access required.
Instructor: C Barsam

**RL-81  Real Estate Practice  3 UNITS**
Daily operations in real estate brokerage. Applies toward educational requirements for broker’s examination.
PREREQUISITE: None.
38662 Last day to add: 09/05/17
OL 08/28/17 10/20/17 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

**RL-81  Real Estate Practice  3 UNITS**
Daily operations in real estate brokerage. Applies toward educational requirements for broker’s examination.
PREREQUISITE: None.
38663 Last day to add: 10/31/17
OL 10/23/17 12/14/17 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

**RL-82  Legal Aspects of Real Estate  3 UNITS**
California real estate law as it applies to acquisition, ownership, trust deeds, transfers, foreclosure and probate.
PREREQUISITE: None.
38664 Last day to add: 09/05/17
OL 08/28/17 10/20/17 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.
38665  Last day to add: 10/31/17
OL  10/23/17  12/14/17
The above section is a short term online class. Computer with Internet access required.
Instructor: T Wagner

SUPPLY CHAIN TECHNOLOGY

SCT-1  Introduction to Automated Warehousing  3 UNITS
An industrial technology course introducing the basic knowledge and skills
needed for a supply chain technician to work in an automated high-tech
distribution center.
PREREQUISITE: None.
38614  Last day to add: 09/08/17
WE  08/28/17  12/14/17  06:00PM  06:50PM  TTH  IT 124
WEL  08/28/17  12/14/17  07:00PM  08:25PM  TTH  IT 124
The above section is a web-enhanced class. Internet access is required.
Instructor: G Graham

SOCIOLOGY

SOC-1  Intro to Sociology  3 UNITS
An introduction to the basic concepts of societal organization.
PREREQUISITE: None.
38669  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  07:10AM  08:35AM  MW  HUM 102
Instructor: K Andacheh

SOC-1  Intro to Sociology  3 UNITS
An introduction to the basic concepts of societal organization.
PREREQUISITE: None.
38671  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  08:00AM  09:25AM  TTH  STEM 201
Instructor: K Andacheh

SOC-1  Intro to Sociology  3 UNITS
An introduction to the basic concepts of societal organization.
PREREQUISITE: None.
38672  Last day to add: 09/13/17
LEC  09/02/17  12/09/17  08:00AM  11:35AM  S  HUM 111
The above section is a short term class. Please note the start and end dates.
Instructor: M Chavez

SOC-1  Intro to Sociology  3 UNITS
An introduction to the basic concepts of societal organization.
PREREQUISITE: None.
38670  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  08:45AM  10:10AM  MW  HUM 102
Instructor: K Andacheh

SOC-1  Intro to Sociology  3 UNITS
An introduction to the basic concepts of societal organization.
PREREQUISITE: None.
38675  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  09:40AM  11:05AM  TTH  STEM 201
Instructor: K Andacheh

SOC-1  Intro to Sociology  3 UNITS
An introduction to the basic concepts of societal organization.
PREREQUISITE: None.
38666  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  11:15AM  12:40PM  TTH  STEM 201
Instructor: K Andacheh

SOC-1  Intro to Sociology  3 UNITS
An introduction to the basic concepts of societal organization.
PREREQUISITE: None.
38674  Last day to add: 09/12/17
WE  09/01/17  12/08/17  11:15AM  03:20PM  F  IT 117
The above section is a short term web-enhanced class. Internet access is required. Please
note the start and end dates.
Instructor: R Halii

SOC-1  Intro to Sociology  3 UNITS
An introduction to the basic concepts of societal organization.
PREREQUISITE: None.
38668  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  02:30PM  03:55PM  TTH  IT 117
Instructor: Staff

SOC-1  Intro to Sociology  3 UNITS
An introduction to the basic concepts of societal organization.
PREREQUISITE: None.
38673  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  04:15PM  05:40PM  MW  WEQ.W6
Instructor: Staff

SOC-1  Intro to Sociology  3 UNITS
An introduction to the basic concepts of societal organization.
PREREQUISITE: None.
38676  Last day to add: 09/08/17
LEC  08/28/17  12/14/17  04:15PM  05:40PM  TTH  IT 117
Instructor: Staff
SOC-1  Intro to Sociology  3 UNITS
An introduction to the basic concepts of societal organization.
PREREQUISITE: None.
38677  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  06:00PM  09:10PM  W IT 211
Instructor: Staff

SOC-1  Intro to Sociology  3 UNITS
An introduction to the basic concepts of societal organization.
PREREQUISITE: None.
38667  Last day to add: 09/08/17
WE 08/28/17  12/14/17  06:00PM  09:10PM  TH WEQ W6
The above section is a web-enhanced class. Internet access is required.
Instructor: F Vu

SOC-2  Amer Social Prob  3 UNITS
Identification and analysis of major contemporary social problems.
PREREQUISITE: None.
38681  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  02:30PM  03:55PM  MW WEQ W6
Instructor: R Halili

SOC-10  Race/Ethnic Relations  3 UNITS
An introduction to the theories, dynamics, history and present status of inter-group conflict in the United States.
PREREQUISITE: None.
38678  Last day to add: 09/08/17
WE 08/28/17  12/14/17  06:00PM  09:10PM  W JFK 114
The above section is a web-enhanced class. Internet access is required.
Instructor: E Kazsuk

SOC-12  Marriage and Family Relations  3 UNITS
Contemporary processes and patterns in marriage and family relations.
PREREQUISITE: None.
38679  Last day to add: 09/08/17
WE 08/28/17  12/14/17  06:00PM  09:10PM  M WEQ W6
The above section is a web-enhanced class. Internet access is required.
Instructor: F Vu

SOC-15  Women Amer Society  3 UNITS
The social implications of the women’s role in American society.
PREREQUISITE: None.
38680  Last day to add: 09/08/17
WE 08/28/17  12/14/17  06:00PM  09:10PM  TH WEQ W4
The above section is a web-enhanced class. Internet access is required.
Instructor: E Kazsuk

SOC-20  Criminology  3 UNITS
A sociological analysis of crime, criminal law and criminality.
PREREQUISITE: None.
38682  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  06:00PM  09:10PM  T IT 101
Instructor: E Kazsuk

SOC-50  Intro to Social Research Methods  3 UNITS
Examination of the fundamental elements of empirical research and application of qualitative and quantitative research tools.
PREREQUISITE: SOC-1.
38683  Last day to add: 09/08/17
LEC 08/28/17  12/14/17  10:30AM  11:55AM  MW ATEC 109
Instructor: R Halili

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 1  5 UNITS
Develops basic skills in understanding, reading, communicating and writing in Spanish.
PREREQUISITE: None.
ADVISORY: Completion of placement test to assess level of proficiency in Spanish.
38684  Last day to add: 09/08/17
HYB 08/28/17  12/14/17  08:00AM  09:50AM  W LIBR 109
HYB2 08/28/17  12/14/17  08:00AM  08:50AM  M LIBR 121
HYB0 08/28/17  12/14/17  09:00AM  10:00AM  M ON LINE
HYBL 08/28/17  12/14/17  09:10AM  10:00AM  M LIBR 121
The above section is a hybrid class. Computer with Internet access required.
Instructor: D Hitchcock

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. Student can enroll in a level lower than their placement, but not higher.
Placement tests are available by appointment only.
Please visit our online appointment system at: https://esars.rccd.edu/Norco/Assessment/index.htm
If you need to speak with someone directly, please call the Norco College Assessment Center at (951) 372-7176.
SPA-1  Spanish 1  5 UNITS
Develops basic skills in understanding, reading, communicating and writing in Spanish.
PREREQUISITE: None.
ADVISORY: Completion of placement test to assess level of proficiency in Spanish.
38690  Last day to add: 09/12/17
HYB  09/01/17  12/08/17  08:00AM  11:15AM  F  LIBR 121
HYBO  09/01/17  12/08/17  ON LINE
HYBL  09/01/17  12/08/17  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
Develops basic skills in understanding, reading, communicating and writing in Spanish.
PREREQUISITE: None.
ADVISORY: Completion of placement test to assess level of proficiency in Spanish.
38687  Last day to add: 09/09/17
WE  08/28/17  12/14/17  11:45AM  02:55PM  M  LIBR 109
WE2  08/28/17  12/14/17  11:45AM  01:50PM  W  LIBR 121
WEL  08/28/17  12/14/17  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
Develops basic skills in understanding, reading, communicating and writing in Spanish.
PREREQUISITE: None.
ADVISORY: Completion of placement test to assess level of proficiency in Spanish.
38688  Last day to add: 09/09/17
WE  08/28/17  12/14/17  02:00PM  05:10PM  T  LIBR 109
WE2  08/28/17  12/14/17  02:00PM  04:55PM  TH  LIBR 121
WEL  08/28/17  12/14/17  04:15PM  05:05PM  TH  LIBR 121
The above section is a web-enhanced class. Internet access is required.
Instructor: N Guillen

SPA-1  Spanish 1  5 UNITS
Develops basic skills in understanding, reading, communicating and writing in Spanish.
PREREQUISITE: None.
ADVISORY: Completion of placement test to assess level of proficiency in Spanish.
38685  Last day to add: 09/09/17
WE  08/28/17  12/14/17  03:00PM  06:10PM  W  LIBR 109
WE2  08/28/17  12/14/17  03:00PM  05:05PM  M  LIBR 121
WEL  08/28/17  12/14/17  05:15PM  06:05PM  M  LIBR 121
The above section is a web-enhanced class. Internet access is required.
Instructor: A Luneli Gomez

SPA-1  Spanish 1  5 UNITS
Develops basic skills in understanding, reading, communicating and writing in Spanish.
PREREQUISITE: None.
ADVISORY: Completion of placement test to assess level of proficiency in Spanish.
38686  Last day to add: 09/09/17
WE  08/28/17  12/14/17  06:00PM  09:10PM  T  LIBR 109
WE2  08/28/17  12/14/17  06:00PM  08:05PM  TH  LIBR 121
WEL  08/28/17  12/14/17  08:15PM  09:05PM  TH  LIBR 121
The above section is a web-enhanced class. Internet access is required.
Instructor: I Vejar

SPA-1  Spanish 1  5 UNITS
Develops basic skills in understanding, reading, communicating and writing in Spanish.
PREREQUISITE: None.
ADVISORY: Completion of placement test to assess level of proficiency in Spanish.
38689  Last day to add: 09/09/17
WE  08/28/17  12/14/17  06:20PM  08:25PM  W  LIBR 121
WE2  08/28/17  12/14/17  06:20PM  09:30PM  M  LIBR 121
WEL  08/28/17  12/14/17  08:35PM  09:25PM  W  LIBR 121
The above section is a web-enhanced class. Internet access is required.
Instructor: C Solorzano

SPA-1  Spanish 1  5 UNITS
Develops basic skills in understanding, reading, communicating and writing in Spanish.
PREREQUISITE: None.
ADVISORY: Completion of placement test to assess level of proficiency in Spanish.
38684  Last day to add: 09/09/17
WE  08/28/17  12/14/17  06:00PM  09:10PM  T  LIBR 109
WE2  08/28/17  12/14/17  06:00PM  08:05PM  TH  LIBR 121
WEL  08/28/17  12/14/17  08:15PM  09:05PM  TH  LIBR 121
The above section is a web-enhanced class. Internet access is required.
Instructor: A Covarrubias

SPA-2  Spanish 2  5 UNITS
Further development of basic skills in understanding, reading, communicating, and writing in Spanish.
PREREQUISITE: SPA-1, 1H or 1B or qualifying placement level on the Spanish assessment test or equivalent.
38694  Last day to add: 09/09/17
WE  08/28/17  12/14/17  08:00AM  11:10AM  M  LIBR 109
WE2  08/28/17  12/14/17  08:00AM  10:05AM  W  LIBR 121
WEL  08/28/17  12/14/17  10:15AM  11:55AM  W  LIBR 121
The above section is a web-enhanced class. Internet access is required.
Instructor: A Covarrubias
SPA-2 Spanish 2 5 UNITS
Further development of basic skills in understanding, reading, communicating, and writing in Spanish.
PREREQUISITE: SPA-1, 1H or 1B or qualifying placement level on the Spanish assessment test or equivalent.
38693 Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:00AM 11:10AM TH LIBR 109
WE2 08/28/17 12/14/17 08:00AM 10:05AM T LIBR 121
WEL 08/28/17 12/14/17 10:15AM 11:05AM T LIBR 121
The above section is a web-enhanced class. Internet access is required.
Instructor: A Covarrubias

SPA-3 Spanish 3 5 UNITS
Development of intermediate skills in understanding, reading, communicating, and writing in Spanish.
PREREQUISITE: SPA-2 or 2H or qualifying placement level on the Spanish assessment test or equivalent.
38695 Last day to add: 09/08/17
WE 08/28/17 12/14/17 08:00AM 11:10AM T LIBR 109
WE2 08/28/17 12/14/17 08:00AM 10:05AM TH LIBR 121
WEL 08/28/17 12/14/17 10:15AM 11:05AM T LIBR 121
The above section is a web-enhanced class. Internet access is required.
Instructor: D Hitchcock

SPA-12 Latin American Culture and Civilization 3 UNITS
Introductory survey of Latin American culture and civilization. Class conducted in English.
PREREQUISITE: None.
38833 Last day to add: 09/08/17
OL 08/28/17 12/14/17 ON LINE
The above section is an online class. Computer with Internet access required.
Instructor: D Gaylor

THEATER ARTS

THE-3 Intro to the Theater 3 UNITS
A survey of theatrical styles and forms intended for the general college student.
PREREQUISITE: None.
38696 Last day to add: 09/16/17
OL 08/28/17 10/20/17 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: W Stevens

THE-3 Intro to the Theater 3 UNITS
A survey of theatrical styles and forms intended for the general college student.
PREREQUISITE: None.
38698 Last day to add: 09/08/17
OL 08/28/17 12/14/17 ON LINE
The above section is an online class. Computer with Internet access required.
Instructor: W Stevens

THE-3 Intro to the Theater 3 UNITS
A survey of theatrical styles and forms intended for the general college student.
PREREQUISITE: None.
38700 Last day to add: 10/31/17
OL 10/23/17 12/14/17 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: W Stevens

THE-3 Intro to the Theater 3 UNITS
A survey of theatrical styles and forms intended for the general college student.
PREREQUISITE: None.
38699 Last day to add: 09/08/17
WE 08/28/17 12/14/17 01:55PM 03:20PM TH THTR 101
The above section is a web-enhanced class. Internet access is required.
Instructor: W Stevens

THE-3 Intro to the Theater 3 UNITS
A survey of theatrical styles and forms intended for the general college student.
PREREQUISITE: None.
38697 Last day to add: 09/08/17
WE 08/28/17 12/14/17 06:00PM 09:10PM W THTR 101
The above section is a web-enhanced class. Internet access is required.
Instructor: W Stevens

THE-32 Theater Games and Exercises 3 UNITS
A beginning class for actors emphasizing the basic principles and techniques of acting through use of theater games and improvisational exercises.
PREREQUISITE: None.
38701 Last day to add: 09/08/17
LEC 08/28/17 12/14/17 03:25PM 04:30PM T THTR 101
LEC2 08/28/17 12/14/17 03:25PM 04:15PM TH THTR 101
LAB 08/28/17 12/14/17 04:30PM 05:55PM T THTR 101
Instructor: W Stevens

WORK EXPERIENCE

WKX-200 General Work Experience 1 UNIT
Coordinates the student’s occupational experience with related instruction in skills for career planning and occupational success.
PREREQUISITE: None.
ADVISORY: Students should have paid or voluntary employment.
38702 Last day to add: 09/08/17
WRKO 08/28/17 12/14/17 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: A Etchison
WKX-200  **General Work Experience**  1 UNIT
Coordinates the student's occupational experience with related instruction in skills for career planning and occupational success.
PREREQUISITE: None.
ADVISORY: Students should have paid or voluntary employment.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Start Date</th>
<th>End Date</th>
<th>Last Day to Add</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRKO</td>
<td>08/28/17</td>
<td>12/14/17</td>
<td>09/08/17</td>
</tr>
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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:** M Sinclair
Courses delivered wherever YOU are.

To access, follow these easy steps:

Step 1: visit www.opencampus.com.
Step 2: click the "Login to Blackboard" link.
Step 3: under the "Need Blackboard Help?" heading, click the "Visit the Sample Class" link.
Step 4: click the "Blackboard Sample Class" link.

If you are taking classes using Blackboard, help is available 24/7. The Blackboard Student Support Service line is available to provide assistance 24 hours a day, 7 days a week for issues directly related to Blackboard.

If you are experiencing difficulties with Blackboard, call toll free at 1-866-259-7271. Support via email and chat is available through the "Online Learning Support Center" link located on the main Blackboard login screen.

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