Classes begin August 31
Day, evening and online classes available!
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

ACCC-1A  PRINCIPLES OF ACCOUNTING I  3.00 UNITS
An introduction to accounting principles and procedures. Course geared to accounting and business majors.
PREREQUISITE: None.
ADVISORY: BUS-20.

38562  08:00AM 09:25AM TTH HUM 111 V Turner
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

38558  09:40AM 11:05AM TTH IT 117 P Worsham
08/31/15 10/23/15
Last day to add: 09/07/15
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.

EVENING
38559  06:00PM 09:10PM W JFK 221 Y Kirkpatrick
08/31/15 10/23/15
Last day to add: 09/06/15
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.

ONLINE
38560  ON LINE P Worsham
Last day to add: 09/11/15
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.

ACCC-1B  PRINCIPLES OF ACCOUNTING II  3.00 UNITS
A study of managerial accounting principles and information systems.
PREREQUISITE: ACCC-1A.

38566  09:40AM 11:05AM TTH IT 117 P Worsham
10/26/15 12/17/15
Last day to add: 10/31/15
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.

ONLINE
38563  06:00PM 09:10PM W JFK 221 Y Kirkpatrick
10/26/15 12/17/15
Last day to add: 11/01/15
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**ONLINE**
38564
ON LINE P Worsham
Last day to add: 09/11/15
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.

**ONLINE**
38565
10/26/15 12/17/15
Last day to add: 11/03/15
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. In addition to the online lecture, students are required to come to campus for a proctored final exam. Your instructor will have additional details.

**ACC-55** **APPLIED ACCOUNTING/BOOKKEEPING** **3.00 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.

38567
08:45AM 10:10AM MW
STEM 302 M Snow
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

**ACC-62** **PAYROLL ACCOUNTING** **3.00 UNITS**
Studies accounting for payroll and aspects of social security, unemployment, and workers compensation, utilizing microcomputer applications.
PREREQUISITE: ACC-1A or 55.

38568
10/26/15 12/17/15
Last day to add: 11/03/15
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.

**ACC-67** **U.S. AND CALIFORNIA INCOME TAX** **4.00 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.

**AMY-2A** **ANATOMY & PHYSIOLOGY I** **4.00 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.

38569
05:30PM 09:45PM W
STEM 115 Staff
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

**ADMINISTRATION OF JUSTICE**

**ADJ-1** **INTRO ADMIN OF JUSTICE** **3.00 UNITS**
The history and philosophy of administration of justice in America. (Same as JUS-1)
PREREQUISITE: None.

**ADJ-5** **COMMUNITY RELATIONS** **3.00 UNITS**
Principal emphasis will be placed upon examining the relationship between diverse communities and the justice system. (Same as JUS-5)
PREREQUISITE: None.

**ADJ-13** **CRIMINAL INVESTIGATION** **3.00 UNITS**
Fundamentals of investigation; crime scene search and recording, interviews and interrogation. (Same as JUS-13)
PREREQUISITE: None.

**ANATOMY & PHYSIOLOGY**

**AMY-2B** **ANATOMY & PHYSIOLOGY II** **4.00 UNITS**
An integrated study of these systems: nervous, endocrine, cardiovascular, respiratory, urinary, digestive and reproductive organ systems.
PREREQUISITE: AMY-2A.

38570
11:15AM 12:05PM MW
STEM 115 F Pradia
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.
**ANTHROPOLOGY**

**ANT-1 PHYSICAL ANTHROPOLOGY 3.00 UNITS**
Examination of human biological evolution and physical diversity, incorporating genetics, primates, fossils, and relationship to the animal world.

PREREQUISITE: None.

38578 07:00AM 11:05AM  F  HUM 111  D Cheetham
09/04/15 12/11/15
Last day to add: 09/11/15
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

38577 08:45AM 10:10AM  MW  HUM 111  Staff
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

38576 11:15AM 12:40PM  TTH  HUM 111  A Gray
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

38580 02:00PM 03:25PM  TTH  HUM 111  A Mejia
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

**EVENING**
38579 06:00PM 09:10PM  W  HUM 111  D Cheetham
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

**ANT-2 CULTURAL ANTHRO 3.00 UNITS**
An introduction to the anthropological concept of culture and to the methods and theories used in the comparative analysis of cultures.

PREREQUISITE: None.

38582 09:40AM 11:05AM  TTH  HUM 111  A Mejia
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

38581 10:30AM 11:55AM  MW  HUM 111  Staff
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

38583 12:45PM 02:10PM  MW  HUM 111  A Gray
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

**EVENING**
38584 06:00PM 09:10PM  TH  HUM 111  A Mejia
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

**ONLINE**
37010 06:00PM 09:10PM  M  HUM 111  C Goralski
Last day to add: 09/11/15
The above section is an online class. Computer with Internet access required.

**ANT-4 NATIVE AMERICAN CULTURES 3.00 UNITS**
A survey of Native American cultures and peoples of North America.

PREREQUISITE: None.

38585 06:00PM 09:10PM  TH  HUM 111  A Mejia
Last day to add: 09/11/15
The above section is an online class. Computer with Internet access required.

**ANT-6 INTRODUCTION TO ARCHAEOLOGY 3.00 UNITS**
Examination of the goals, concepts, discoveries, and methods of modern archaeology as they are used to reconstruct and interpret ancient societies.

PREREQUISITE: None.

38587 06:00PM 09:10PM  T  HUM 111  D Cheetham
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

**ANT-7 ANTHROPOLOGY OF RELIGION 3.00 UNITS**
Anthropological study of religion in world cultures, focusing on beliefs, ritual, mythology, and the role of religion in traditional societies.

PREREQUISITE: None.

37012 02:30PM 03:55PM  MW  HUM 111  A Gray
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

**ANT-8 LANGUAGE AND CULTURE 3.00 UNITS**
An introduction to the anthropological study of language and communication in world cultures.

PREREQUISITE: None.

38588 04:15PM 05:40PM  MW  HUM 111  A Gray
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

**ARCHITECTURE**

**ARE-24 ARCHITECTURAL DRAFTING 3.00 UNITS**
Introduction to architectural drafting techniques with emphasis on line quality, lettering, dimensioning, scaling, notes.

PREREQUISITE: ENE-21 and 30.

**EVENING**
38589 06:00PM 07:25PM  T  IT 127  Staff
07:35PM 09:40PM  T  IT 127
06:00PM 09:10PM  TH  IT 127
Last day to add: 09/11/15
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<th>Course Title</th>
<th>Units</th>
<th>Description</th>
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<tbody>
<tr>
<td>ARE-26</td>
<td>ARCHITECTURAL RENDERING</td>
<td>3.00</td>
<td>Study of rendering techniques necessary to produce architectural presentation layouts. <strong>PREREQUISITE:</strong> None.</td>
</tr>
<tr>
<td>ART-17</td>
<td>BEGINNING DRAWING</td>
<td>3.00</td>
<td>Introduction to drawing in a variety of media. Exploration of the elements of art, composition, perspective, including development of observational, motor and creative skills. <strong>PREREQUISITE:</strong> None.</td>
</tr>
<tr>
<td>ART-2</td>
<td>HIST ART: RENAISS/CONTEMP</td>
<td>3.00</td>
<td>Survey of the history of Western art: Renaissance through Contemporary. <strong>PREREQUISITE:</strong> None. <strong>ADVISORY:</strong> Qualification for ENG-1A.</td>
</tr>
<tr>
<td>ART-6</td>
<td>ART APPRECIATION</td>
<td>3.00</td>
<td>An introductory course for the non-art major. An overview of the creative process and various art forms. <strong>PREREQUISITE:</strong> None. <strong>ADVISORY:</strong> Qualification for ENG-1A.</td>
</tr>
<tr>
<td>ART-22</td>
<td>BASIC DESIGN</td>
<td>3.00</td>
<td>Introduction to the fundamentals of two-dimensional design. The practice of the organization of the visual elements, according to the principles of design. <strong>PREREQUISITE:</strong> None.</td>
</tr>
<tr>
<td>ART-24</td>
<td>THREE DIMENSIONAL DESIGN</td>
<td>3.00</td>
<td>Introduction to the fundamentals of three-dimensional design. A materials fee of $15 will be charged at the time of registration. <strong>PREREQUISITE:</strong> None.</td>
</tr>
<tr>
<td>ART-9</td>
<td>AFRICAN ART HISTORY</td>
<td>3.00</td>
<td>A survey of the traditional through contemporary arts of African peoples. <strong>PREREQUISITE:</strong> None.</td>
</tr>
<tr>
<td>ART-17</td>
<td>BEGINNING DRAWING</td>
<td>3.00</td>
<td>Introduction to drawing in a variety of media. Exploration of the elements of art, composition, perspective, including development of observational, motor and creative skills. <strong>PREREQUISITE:</strong> None.</td>
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<td>ART-27</td>
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<td>ART-36A</td>
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<td>BI-5</td>
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<tr>
<td>BI-11</td>
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<td>08:00AM</td>
<td>STEM 115</td>
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<td>ST 203</td>
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<tr>
<td>BI-34</td>
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<td>02:00PM</td>
<td>ATEC 211</td>
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<td>ATEC 211</td>
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## BUSINESS ADMINISTRATION

### BUS-10  INTRO TO BUSINESS  3.00 UNITS
Consider scope, function and organization of business, including principles and practices, with an integrated global perspective.
**PREREQUISITE:** None.

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
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<tbody>
<tr>
<td>38618</td>
<td>08:45AM - 10:10AM</td>
<td>MW</td>
<td>ATEC 119</td>
<td>L White</td>
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</tbody>
</table>

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

### BUS-12  OPPORTUNITY ANALYSIS  2.00 UNITS
Examines the process of transforming ideas into business opportunities.
**PREREQUISITE:** None.

<table>
<thead>
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<th>Section</th>
<th>Time</th>
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<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>37041</td>
<td>06:30PM - 08:35PM</td>
<td>T</td>
<td>JFK 118</td>
<td>Staff</td>
</tr>
</tbody>
</table>

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

### BUS-13  SUCCESSFUL BUSINESS PLAN/MODEL  2.00 UNITS
Provides a systematic process for developing a business plan/model.
**PREREQUISITE:** None.

<table>
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<tr>
<th>Section</th>
<th>Time</th>
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<th>Instructor</th>
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<td>37042</td>
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<td>TH</td>
<td>JFK 118</td>
<td>Staff</td>
</tr>
</tbody>
</table>

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

### BUS-18A  BUSINESS LAW I  3.00 UNITS
Legal and ethical environment of business torts, contracts, sales and principles of employment.
**PREREQUISITE:** None.

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>38626</td>
<td>02:00PM - 03:25PM</td>
<td>T</td>
<td>IT 109</td>
<td>T Wagner</td>
</tr>
</tbody>
</table>

The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

### BUS-18B  BUSINESS LAW II  3.00 UNITS
Commercial paper, business organizations, government regulations, protection of property rights and international law.
**PREREQUISITE:** None.

<table>
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<tr>
<th>Section</th>
<th>Time</th>
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<tr>
<td>38629</td>
<td>06:30PM - 09:40PM</td>
<td>M</td>
<td>JFK 202</td>
<td>B Stansell</td>
</tr>
</tbody>
</table>

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

### BUS-19  BUSINESS MATH  3.00 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.

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<th>Section</th>
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<tbody>
<tr>
<td>38633</td>
<td>04:15PM - 05:40PM</td>
<td>TTH</td>
<td>ATEC 205</td>
<td>R Beck</td>
</tr>
</tbody>
</table>

The above section is a hybrid class. Internet access is required.

### BUS-20  BUSINESS MATH  3.00 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.

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>38630</td>
<td>08:31PM - 10:23PM</td>
<td>T</td>
<td>IT 109</td>
<td>R Beck</td>
</tr>
</tbody>
</table>

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.

### BUS-21  SUCCESSFUL BUSINESS PLAN/MODEL  2.00 UNITS
Provides a systematic process for developing a business plan/model.
**PREREQUISITE:** None.

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>38632</td>
<td>10:26PM - 12:17PM</td>
<td>TH</td>
<td>JFK 118</td>
<td>Staff</td>
</tr>
</tbody>
</table>

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.

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www.norcocollegebookstore.com
BUS-22  MGMT COMMUNICATIONS  3.00 UNITS
Examines the dynamics of organizational communication including interpersonal, verbal, nonverbal and written.
PREREQUISITE: None.
ADVISORY: CAT-30.

38636  10:30AM 11:55AM  MW  IT 208  V Mixson
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

38634  11:15AM 12:40PM  TTH  STEM 115  G Zwart
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

BUS-30  ENTREPRENEURSHIP  3.00 UNITS
An exploration of the nature and extent of business ownership and small business management.
PREREQUISITE: None.

EVENING
38637  06:30PM 09:40PM  TH  JFK 102  R Carrigan
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

BUS-47  APPLIED BUS, MGMT ETHICS  3.00 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.

EVENING
38638  06:30PM 09:40PM  TH  IT 111  A Riker
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

ONLINE
38639  10/26/15 12/17/15  ON  LINE  A Riker
Last day to add: 11/03/15
The above section is a web-enhanced class. Internet access is required.

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.

EVENING
38642  06:30PM 09:40PM  W  IT 210  C Pentis
10/28/15 12/16/15  Last day to add: 11/01/15
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

BUS-83  CONTRACTS  1.50 UNITS
An analysis of considerations involved in the drafting and negotiation of freight and logistics contracts.
PREREQUISITE: None.

EVENING
38643  06:30PM 09:40PM  W  IT 210  C Pentis
09/02/15 10/21/15  Last day to add: 09/06/15
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

BUS-87  PURCHASING AND SUPPLY MGMT  3.00 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.

ONLINE
38644  08/31/15 10/23/15  ON  LINE  R Beck
Last day to add: 09/08/15
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.

BUS-90  INTERNATIONAL LOGISTICS  3.00 UNITS
Introduction to the role of logistics in global business.
PREREQUISITE: None.

ONLINE
38645  10/26/15 12/17/15  ON  LINE  R Beck
Last day to add: 11/03/15
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.

WARNING!
REGISTRATION WILL BE BLOCKED IF YOU HAVE NOT MET THE PREREQUISITE!
CHEMISTRY

CHE-1A GENERAL CHEMISTRY I 5.00 UNITS
Simple chemical systems-gas laws, weight relations, thermodynamics, atomic structure and bonding.
PREREQUISITE: CHE-2A or 3 and MAT-35.
38648 02:30PM 03:55PM MW HUM 103 S Freitas
02:00PM 05:10PM TTH HUM 208
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

38647 04:15PM 05:40PM TH IT 109 Staff
06:00PM 09:10PM TTH HUM 208
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

CHE-1B GENERAL CHEMISTRY II 5.00 UNITS
Sequel to CHE-1A: reaction rates, equilibrium, acid-base, thermodynamics, electrochemistry, nuclear, inorganic and organic chemistry.
PREREQUISITE: CHE-1A or 1AH.
38649 08:45AM 11:55AM MW HUM 208 M Farnum
12:45PM 02:10PM MW IT 101
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

CHE-2A INTRO CHEMISTRY I 4.00 UNITS
Introductory chemical concepts with health and environmental applications; fulfills the needs of non-science majors.
PREREQUISITE: MAT-52.
38654 10:30AM 11:55AM MW IT 117 S Tyler
08:45AM 11:55AM T HUM 204
Last day to add: 09/11/15
38655 10:30AM 11:55AM MW IT 117 S Tyler
08:45AM 11:55AM F HUM 204 J Laux
Last day to add: 09/11/15
38652 02:00PM 03:25PM TTH ATEC 114 Staff
08:45AM 11:55AM TH HUM 204
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

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

COMMERCIAL MUSIC

MUC-1A BEG PERFORMANCE TECHNIQUES 2.00 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.
39036 03:45PM 05:50PM W THTR 204 B Kerr
12:45PM 05:00PM F THTR 204
Last day to add: 09/11/15

MUC-1B INTER PERFORMANCE TECHNIQUES 2.00 UNITS
Skills development in performance and studio technique as they relate to song formation, collaboration, microphone, mixing and production.
PREREQUISITE: MUC-1A.
39037 03:45PM 05:50PM W THTR 204 B Kerr
12:45PM 05:00PM F THTR 204
Last day to add: 09/11/15

MUC-1C ADV PERFORMANCE TECHNIQUES 2.00 UNITS
Advanced performance and studio techniques as they relate to communication, song collaboration, studio session mapping, microphone, mixing and production.
PREREQUISITE: MUC-1B.
39038 03:45PM 05:50PM W THTR 204 B Kerr
12:45PM 05:00PM F THTR 204
Last day to add: 09/11/15
MUC-8 COMPOSING MUSIC: VIDEO GAMES 3.00 UNITS
An introduction to the fundamental techniques, equipment and applications of contemporary music technologies. Topics will include computer and Internet basics, a variety of music software, and electronic instruments. Course is ideal for any student wishing to gain more knowledge in music technology or continue in a commercial music certificate.
PREREQUISITE: None.
39045 01:10PM 02:15PM M IT 106 B Kerr
02:15PM 03:40PM MW IT 106
01:10PM 02:00PM W IT 106
Last day to add: 09/11/15

MUC-9 VOICE ACTING FOR VIDEO GAMES 3.00 UNITS
Provides students with the knowledge and experience needed to record voice-overs and dialogue for games and multimedia. For voice actors and students wishing to pursue experience in recording voice-overs.
PREREQUISITE: None.
ADVISORY: COM-1 or 7 or THE-32.
39041 10:30AM 11:20AM M IT 106 M Martinez
11:35AM 01:00PM MW IT 106
10:30AM 11:35AM W IT 106
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

MUC-10 NORCO CHOIR 2.00 UNITS
A mixed-voice ensemble dedicated to the performance of traditional choral music, commercial music, spirituals, choral jazz and other 20th century vocal works of the highest quality.
PREREQUISITE: None.
LIMITATION ON ENROLLMENT: Audition on or before the first class meeting.
39033 11:15AM 12:35PM MWF THTR 204 K Kamerin
Last day to add: 09/21/15
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.

MUC-11 STUDIO ARTS ENSEMBLE 2.00 UNITS
Designed for instrumentalists, vocalists and technical crew interested in the field of commercial music and entertainment. This ensemble is open to singers, guitarists, drummers, bassists, horn players, string players, pianists/keyboardists and/or technical crew members who work collaboratively to study, perform and/or record selected musical arrangements.
PREREQUISITE: None.
39034 04:30PM 06:25PM TTH THTR 204 A Tabor
Last day to add: 09/22/15
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.

MUC-12 LIVE SOUND REINFORCEMENT 3.00 UNITS
This course focuses on the basic elements of live sound reinforcement.
PREREQUISITE: None.
39035 01:50PM 02:40PM T THTR 204 K Kamerin
02:55PM 04:20PM TTH THTR 204
01:50PM 02:55PM TH THTR 204
Last day to add: 09/11/15

Get important textbook information, including ISBN numbers and pricing, and reserve for in-store pickup or delivery to your home! www.norcocollgebookstore.com
**COM-1**  **PUBLIC SPEAKING**  **3.00 UNITS**

Prepare, present and evaluate a variety of speeches.

**PREREQUISITE:** None.

**ADVISORY:** COM-51 and/or qualification for ENG-1A.

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
<th>Last Day to Add</th>
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<tr>
<td>38680</td>
<td>TTH</td>
<td>08:00AM 09:25AM</td>
<td>TTH</td>
<td>WEQ W5</td>
<td>R Stinson</td>
<td>09/04/15</td>
<td>12/11/15</td>
</tr>
<tr>
<td>38685</td>
<td>TTH</td>
<td>11:15AM 12:40PM</td>
<td>TTH</td>
<td>ATEC 210</td>
<td>R Stinson</td>
<td>09/04/15</td>
<td>12/11/15</td>
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</tbody>
</table>

COM-1 is a hybrid class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

**COM-2**  **PERSUASION IN RHET PERSPECTIVE**  **3.00 UNITS**

The analysis, presentation, and evaluation of persuasive rhetorical theory and practice.

**PREREQUISITE:** None.

**ADVISORY:** COM-51 and/or qualification for ENG-1A.

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<th>Course</th>
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<th>Time</th>
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<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
<th>Last Day to Add</th>
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<tr>
<td>37061</td>
<td>MW</td>
<td>12:45PM 02:10PM</td>
<td>MW</td>
<td>ST 108</td>
<td>A Olaerts</td>
<td>09/04/15</td>
<td>12/11/15</td>
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</tbody>
</table>

COM-2 is a hybrid class. Internet access is required.

**COM-3**  **ARGUMENTATION AND DEBATE**  **3.00 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
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<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
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<tr>
<td>37063</td>
<td>MW</td>
<td>02:30PM 03:55PM</td>
<td>MW</td>
<td>IT 211</td>
<td>M Lewis</td>
<td>Last day to add: 09/11/15</td>
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</tbody>
</table>

**COM-9**  **INTERPERSONAL COMMUNICATION**  **3.00 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
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<tr>
<td>38700</td>
<td>TTH</td>
<td>07:00AM 11:05AM</td>
<td>TTH</td>
<td>IT 210</td>
<td>M Lewis</td>
<td>Last day to add: 09/11/15</td>
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</tbody>
</table>

COM-9 is a hybrid class. Internet access is required. See [www.opencampus.com](http://www.opencampus.com).

**COM-1H**  **HONORS PUBLIC SPEAKING**  **3.00 UNITS**

Enhanced instruction in the preparation, presentation and evaluation of a variety of speeches for students in the Honors Program.

**PREREQUISITE:** None.

**LIMITATION ON ENROLLMENT:** Enrollment in the Honors Program.

<table>
<thead>
<tr>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
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<tr>
<td>37060</td>
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<td>STEM 125</td>
<td>A Olaerts</td>
<td>09/04/15</td>
<td>12/11/15</td>
<td>09/11/15</td>
</tr>
</tbody>
</table>

COM-1H is a short term class. Please note the start and end dates.

**COM-11**  **STORYTELLING**  **3.00 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.

<table>
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<tr>
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<th>Instructor</th>
<th>Start Date</th>
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<th>Last Day to Add</th>
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<tbody>
<tr>
<td>38687</td>
<td>TTH</td>
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<td>TTH</td>
<td>IT 210</td>
<td>M Lewis</td>
<td>Last day to add: 09/11/15</td>
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</tr>
</tbody>
</table>

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COM-12  INTERCULTURAL COMMUNICATION  3.00 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.

ONLINE
38688  ON LINE  A Olaerts
08/31/15 10/23/15  Last day to add: 09/08/15
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.

COMPUTER APPLICATIONS/OFFICE

CAT-80  WORD FOR WINDOWS  3.00 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.

ONLINE
37074  ON LINE  W Manges
Last day to add: 09/11/15
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.

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

ONLINE
37073  ON LINE  W Manges
Last day to add: 09/11/15
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.

COMPUTER INFORMATION SYSTEMS

CIS-1A  INTRO TO COMP INFO SYS  3.00 UNITS
Introduction to computer concepts, theory and computer applications. Functions and capabilities of word processors, spreadsheets, databases, presentation graphics and the Internet are covered through lecture, discussion and hands-on computer assignments.
PREREQUISITE: None.

38667  08:45AM 12:50PM  F  ATEC 118  D Friedman
12:50PM 01:40PM  F  LIBR LRC
09/04/15 12/11/15  Last day to add: 09/15/15
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.

38663  09:40AM 11:05AM  TTH  ATEC 118  V Browne
08:40AM 09:30AM  TH  LIBR LRC
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required. See www.opencampus.com. Designated laboratory hours are included in the meeting times for this class.

CIS-5  PROGRAM LOGIC USING C++  4.00 UNITS
Introduction to computer science for gaming, business, scientific and mathematical applications using C++. (Same as CSC-5)
PREREQUISITE: None.
ADVISORY: CIS-1A.

38670  02:00PM 03:25PM  TTH  ATEC 118  A Rainey
03:25PM 04:50PM  TTH  ATEC 118
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class.

38669  02:30PM 03:55PM  MW  ATEC 118  M Chapman
03:55PM 05:20PM  MW  ATEC 118
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class.
CIS-17A  C++ PROGRAMMING: OBJECTS  3.00 UNITS
Object-Oriented program development using C++. (Same as CSC-17A)
PREREQUISITE: CIS/CSC-5.

CIS-17B  C++ PRGM: ADVANCED OBJECTS  3.00 UNITS
This is an advanced programming course in C++ suitable for complex Business, and Gaming applications. (Same as CSC-17B)
PREREQUISITE: None.
ADVISORY: CIS/CSC-17A.

CIS-18A  JAVA PROGRAMMING: OBJECTS  3.00 UNITS
An introduction to Java programming for students already experienced in programming concepts, which includes defining and implementing functional procedures. (Same as CSC-18A)
PREREQUISITE: None.
ADVISORY: CIS/CSC-5.

CIS-18C  JAVA PROGRAMMING: DATA STRUCT  3.00 UNITS
This course presents the essential principles of data structures for the development of computer programs using Java. (Same as CSC-18C)
PREREQUISITE: None.
ADVISORY: CIS/CSC-18A.

CIS-66  WEB DEVELOPMENT I  3.00 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.

CIS-72A  INTRO WEB PAGE CREATION  1.50 UNITS
Introduction to webpage creation using XHTML to create pages with formatted text, hyperlinks, lists, images, tables, frames and forms.
PREREQUISITE: None.
ADVISORY: Competency in the use of a computer and familiarity with the Internet; CIS-95A.

CIS-78A  INTRO ADOBE PHOTOSHOP  3.00 UNITS
Introduction to Adobe Photoshop including selecting, layers, masks, channels and vector art for manipulating images. (Same as CAT-78A)
PREREQUISITE: None.
CONSTRUCTION TECHNOLOGY

CON-61 MATERIALS OF CONSTR 3.00 UNITS
Introduction to properties and use of materials commonly used in the construction of buildings.
PREREQUISITE: None.

CON-62 BLUEPRINT READING 3.00 UNITS
Overview of the basic concepts of reading construction blueprints.
PREREQUISITE: None.

CON-63A UNIFORM BLDG CODE/ORDIN 3.00 UNITS
Use of uniform building code in plan checking for compliance.
PREREQUISITE: None.

CON-63B ANALYSIS OF REVISIONS-UBC 3.00 UNITS
This course is for students who have successfully completed CON-63A but need refreshing on code revisions.
PREREQUISITE: CON-63A.

CON-63C ANALYSIS OF REVISIONS-UBC 3.00 UNITS
This course is for students who have successfully completed CON-63A but need refreshing on code revisions.
PREREQUISITE: CON-63A.

CON-65 PLUMBING CODE 3.00 UNITS
Review of plumbing codes and regulations relating to construction.
PREREQUISITE: None.

COMPUTER SCIENCE

CSC-11 ASSEMBLY PROGRAMMING 3.00 UNITS
Assembly language implementation with higher level language mapping.
(Same as CIS-11)
PREREQUISITE: None.
ADVISORY: CIS/CSC-5.

CSC-52 GAME ENGINE SCRIPTING I 3.00 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.
(Same as GAM-52)
PREREQUISITE: CIS/CSC-17B, or 18B or CIS/CSC-50.
ADVISORY: GAM-24 or CIS/GAM-37.

38707 06:30PM 09:40PM TH IT 122 T Kearns
Last day to add: 09/11/15

The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class.
CON-66  NATIONAL ELEC CODE  3.00 UNITS
Review of electrical codes and code requirements.
PREREQUISITE: None.

**EVENING**
38708  06:30PM 09:40PM  M  IT 123  J Thomas
Last day to add: 09/11/15

CON-68  BLDG INSPECTORS ENGR  3.00 UNITS
Fundamental static and stress calculations. Properties of sections.
PREREQUISITE: None.

**EVENING**
38709  06:30PM 09:40PM  W  IT 123  J Thomas
Last day to add: 09/11/15

CON-70  SOIL TECH FNDAMENTLS  3.00 UNITS
Inspection and testing of soils, their classification and characteristics.
PREREQUISITE: None.

**EVENING**
38710  06:30PM 09:40PM  T  IT 122  J Thomas
Last day to add: 09/11/15

CON-74  CONSTRUCTION ESTIMATING  3.00 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.

**EVENING**
38711  06:30PM 09:40PM  W  IT 122  D Leyva
Last day to add: 09/11/15

DANCE

DAN-6  DANCE APPRECIATION  3.00 UNITS
A non-technical course leading to the appreciation and understanding of dance as communication, entertainment and art.
PREREQUISITE: None.

37070  10:30AM 02:35PM  F  ATEC 114  Staff
09/04/15 12/11/15  Last day to add: 09/15/15
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

EARLY CHILDHOOD EDUCATION

EAR-19  OBSERVATION & ASSESSMENT-ECE  3.00 UNITS
Appropriate use of a variety of assessment and observation strategies to document child development and behavior.
PREREQUISITE: None.

**EVENING**
38714  06:00PM 09:10PM  M  IT 209  L Vazquez
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

EAR-20  CHILD GROWTH AND DEVELOPMENT  3.00 UNITS
A comprehensive overview of concepts, issues and theories of human development from conception through adolescence.
PREREQUISITE: None.

38716  08:45AM 10:10AM  MW  IT 209  S Burnett
Last day to add: 09/11/15

38717  09:30AM 12:40PM  TH  IT 209  S Sumiati
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

**EVENING**
38715  06:00PM 09:10PM  W  IT 209  Staff
Last day to add: 09/11/15

**ONLINE**
38718  10:30AM 01:40PM  W  IT 209  S Burnett
Last day to add: 09/11/15
The above section is an online class. Computer with Internet access required. See www.opencampus.com.

EAR-24  INTRO TO CURRICULUM  3.00 UNITS
An overview of knowledge and skills related to providing appropriate curriculum and environments for young children from birth to age 6.
PREREQUISITE: None.

38719  09:30AM 12:40PM  T  IT 209  S Burnett
Last day to add: 09/11/15

EAR-25  TEACHING IN A DIVERSE SOCIETY  3.00 UNITS
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.

38720  10:30AM 01:40PM  W  IT 209  S Burnett
Last day to add: 09/11/15

EAR-28  PRINCIPLES/PRACTICES  3.00 UNITS
An examination of the underlying theoretical principles of developmentally appropriate practices as they apply to various aspects of early childhood education.
PREREQUISITE: None.

37052  11:15AM 12:40PM  F  IT 209  B Zentgraf
09/04/15 12/11/15  Last day to add: 09/11/15
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.

**EVENING**
38721  06:00PM 09:10PM  T  IT 209  S Sumiati
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

EAR-42  CHILD, FAMILY, AND COMMUNITY  3.00 UNITS
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.

38723  10:30AM 01:40PM  M  IT 209  S Burnett
Last day to add: 09/11/15

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www.norcocollegebookstore.com
### EAR-45 ADMIN II PERSONNEL & LEADERS 3.00 UNITS
Effective strategies for personnel management and leadership in early care and education settings.
**PREREQUISITE:** EAR-20, 24, 28, and 42.

**EVENING**
- **37053** 06:00PM 09:10PM TH IT 209 T Oliver
  Last day to add: 09/11/15

### ECONOMICS

#### ECO-4 INTRO ECONOMICS 3.00 UNITS
An entry-level, general education course which introduces and surveys basic macroeconomic and microeconomic principles.
**PREREQUISITE:** None.

- **38726** 08:00AM 09:25AM TTH IT 109 C Rajakone
  Last day to add: 09/11/15
- **38725** 10:30AM 11:55AM MW IT 109 P Boelman
  Last day to add: 09/11/15

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

#### ECO-7 MACROECONOMICS 3.00 UNITS
Economic theory and analysis as applied to the U.S. economy as a whole.
**PREREQUISITE:** MAT-52.
**ADVISORY:** MAT-35 and qualification for ENG-1A.

- **38727** 09:40AM 11:05AM TTH IT 109 P Boelman
  Last day to add: 09/11/15
- **38728** 02:30PM 03:55PM MW IT 109 P Boelman
  Last day to add: 09/11/15

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

#### ECO-8 MICROECONOMICS 3.00 UNITS
Economic theory and analysis applied to consumer and producer behavior in markets.
**PREREQUISITE:** MAT-52.
**ADVISORY:** MAT-35 and qualification for ENG-1A.

- **38730** 11:15AM 12:40PM TTH IT 109 P Boelman
  Last day to add: 09/11/15
- **38729** 12:45PM 02:10PM MW IT 101 P Boelman
  Last day to add: 09/11/15

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

**EVENING**
- **38731** 06:00PM 09:10PM W IT 109 P Boelman
  Last day to add: 09/11/15

### ELECTRONICS

#### ELE-11 DC ELECTRONICS 4.00 UNITS
Basic DC electrical theory, devices, circuits and applications including resistors, capacitors, coils and motors.
**PREREQUISITE:** None.

**EVENING**
- **37055** 06:30PM 09:40PM T CACT 2 Staff
- **06:30PM 09:40PM** TH CACT 1
  Last day to add: 09/11/15

#### ELE-13 AC ELECTRONICS 4.00 UNITS
Alternating Current (AC) theory, devices, circuits, applications, calculations and measurements of various parameters.
**PREREQUISITE:** ELE-10 or 11 or 21 or 23.

- **38733** 08:00AM 10:50AM MTWTHF IT 124 G Graham
- **10:50AM 11:55AM** MTWTHF IT 124 K Mosley
- **01:00PM 02:25PM** MTWTHF IT 124
- **10/20/15 11/12/15** Last day to add: 10/22/15

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

#### ELE-25 DIGITAL TECHNIQUES 4.00 UNITS
Mathematics, number systems and logic circuits as they relate to modern electronic computers and digital systems.
**PREREQUISITE:** None.
**ADVISORY:** Concurrent enrollment in or prior completion of ELE-10 or 23.

- **38734** 06:30PM 09:40PM T CACT 1 R Chomko
- **06:30PM 09:40PM** TH CACT 1
  Last day to add: 09/11/15

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

#### ELE-26 MICROPROCESSORS, MICROCONTROLL 4.00 UNITS
Introduction to microprocessors and microcontrollers.
**PREREQUISITE:** None.
**ADVISORY:** ELE-25.

- **37056** 08:00AM 10:30AM MTWTHF IT 124 G Graham
- **10:30AM 11:55AM** MTWTHF IT 124
- **01:00PM 02:05PM** MTWTHF IT 124
  Last day to add: 09/27/15

The above section is a short term class. Please note the start and end dates.
ELE-71 RESIDENTIAL ELECTRICAL WIRING 4.00 UNITS
The foundations of electrical wiring for residential dwellings.
PREREQUISITE: None.

EVENING
37066 06:30PM 09:40PM T STEM 302 Staff
06:30PM 09:40PM TH STEM 302
Last day to add: 09/11/15

ELE-77 SURVEY OF ELECTRICAL TRADES 4.00 UNITS
Introduces students to opportunities and responsibilities in ten primary electrical trades. (Same as MAN-77)
PREREQUISITE: None.

EVENING
37067 06:30PM 09:40PM M STEM 302 K Mosley
06:30PM 09:40PM W STEM 302
Last day to add: 09/11/15

ENGINEERING

ENE-21 DRAFTING 3.00 UNITS
Fundamentals of mechanical drawing including lettering, instruments, projection, freehand drawing, and auxiliary views.
PREREQUISITE: None.

38736 02:00PM 03:25PM T ATEC 109 G Cordier
03:35PM 05:40PM T ATEC 109
02:00PM 05:10PM TH ATEC 109
Last day to add: 09/11/15

EVENING
38737 06:00PM 07:25PM M ATEC 109 G Balteria
07:35PM 09:40PM M ATEC 109
06:00PM 09:10PM W ATEC 109
Last day to add: 09/11/15

ENE-22 ENGINEERING DRAWING 3.00 UNITS
Drafting fundamentals reviewed geometric construction, orthographic projections, freehand sketching, sectioning, etc.
PREREQUISITE: ENE-21.
ADVISORY: ENE-30.

38738 02:10PM 03:35PM M IT 127 G Cordier
03:45PM 05:50PM M IT 127
02:10PM 05:20PM W IT 127
Last day to add: 09/11/15

ENE-28 TECHNICAL DESIGN 3.00 UNITS
Study of industrial design and drafting procedures relating to the basic elements of mechanisms.
PREREQUISITE: ENE-22.
ADVISORY: ENE-30, 42 and 52.

38740 02:10PM 03:35PM M IT 127 G Cordier
03:45PM 05:50PM M IT 127
02:10PM 05:20PM W IT 127
Last day to add: 09/11/15

ENE-30 COMPUTER AIDED DRAFTING 3.00 UNITS
Two-dimensional computer-aided drafting, using AUTOCAD.
PREREQUISITE: None.
ADVISORY: CIS-1A.

38743 08:00AM 09:25AM MTFWTHF CACT 2 P Van Hulle
09:25AM 12:00PM MTFWTHF CACT 2
01:00PM 04:50PM MWF CACT 2
01:00PM 01:50PM TTH CACT 2
08/31/15 09/22/15 Last day to add: 09/02/15
The above section is a short term class. Please note the start and end dates.

38742 02:10PM 03:35PM M IT 125 S Hall
03:45PM 05:50PM M IT 125
02:10PM 05:20PM TH IT 125
Last day to add: 09/11/15

ENE-42 SOLIDWORKS I 3.00 UNITS
Basic parametric solid modeling techniques using SolidWorks and advancing into complex assemblies requiring animation.
PREREQUISITE: None.
ADVISORY: PC computer experience.

38745 02:10PM 03:35PM M IT 125 C Garcia
03:45PM 05:50PM M IT 125
02:10PM 05:20PM W IT 125
Last day to add: 09/11/15

ENE-42B SOLIDWORKS II 3.00 UNITS
This course is designed to further 3D parametric solid modeling techniques learned in SolidWorks I.
PREREQUISITE: ENE-42 or prior SolidWorks experience.

EVENING
38746 06:00PM 07:25PM M IT 125 C Garcia
07:35PM 09:40PM M IT 125
06:00PM 09:10PM TH IT 125
Last day to add: 09/11/15

ENE-42B SOLIDWORKS II 3.00 UNITS
This course is designed to further 3D parametric solid modeling techniques learned in SolidWorks I.
PREREQUISITE: ENE-42 or prior SolidWorks experience.

38746 06:00PM 07:25PM M IT 125 C Garcia
07:35PM 09:40PM M IT 125
06:00PM 09:10PM W IT 125
Last day to add: 09/11/15

ENE-52 GEOMETRIC DIMEN & TOLER 2.00 UNITS
Covers international standards regarding form and fit using industry and government standards.
PREREQUISITE: None.

EVENING
38748 06:00PM 08:05PM T ATEC 109 G Cordier
Last day to add: 09/11/15
**ENGLISH**

**PLACEMENT GUIDELINES**

**ENGLISH COMPOSITION COURSES**

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

**ENGLISH 1A/1AH**
- Qualifying preparation score based on the ACCUPLACER® test and academic background; or
- A grade of C or better in ENGL-50 or ENGL-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 ENGL-60B or ESL-55
- There is no prerequisite; the course is open to all students.

**ENGLISH 80**
- Qualifying preparation score based on the ACCUPLACER® test and academic background; or
- Successful completion of ENGL-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 ENGL-1A) during their first semester of enrollment. See “Moving through English” for more details.

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**ENG-1A ENGLISH COMPOSITION 4.00 UNITS**

Teaches college-level critical reading, academic writing, and research skills.

**PREREQUISITE:** ENG-50 or 80 or qualifying placement level.

**38750** 08:45AM 10:00AM MWF IT 210 C Liang
Last day to add: 09/11/15

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 [http://www.norcoccollege.edu/academics/lrc/writinglab](http://www.norcoccollege.edu/academics/lrc/writinglab) for hours of operation.

**38753** 10:30AM 11:45AM MWF IT 108 C Liang
Last day to add: 09/11/15

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 [http://www.norcoccollege.edu/academics/lrc/writinglab](http://www.norcoccollege.edu/academics/lrc/writinglab) for hours of operation.

**38758** 10:30AM 12:35PM TTH IT 206 L Nelson
Last day to add: 09/11/15

The above section is designed with special emphasis on African American culture 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 [http://www.norcoccollege.edu/academics/lrc/writinglab](http://www.norcoccollege.edu/academics/lrc/writinglab) for hours of operation. See the instructor and T3P counselor prior to enrolling.

**38762** 10:30AM 12:35PM TTH IT 208 M Pelle
Last day to add: 09/11/15

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 [http://www.norcoccollege.edu/academics/lrc/writinglab](http://www.norcoccollege.edu/academics/lrc/writinglab) for hours of operation.

**38751** 11:15AM 12:30PM MW IT 110 S Hanson
11:15AM 12:30PM F IT 208
Last day to add: 09/11/15

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 [http://www.norcoccollege.edu/academics/lrc/writinglab](http://www.norcoccollege.edu/academics/lrc/writinglab) for hours of operation.

**38754** 12:45PM 02:00PM MW IT 110 S Hanson
12:45PM 02:00PM F IT 208
Last day to add: 09/11/15

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 [http://www.norcoccollege.edu/academics/lrc/writinglab](http://www.norcoccollege.edu/academics/lrc/writinglab) for hours of operation.

**38757** 02:00PM 04:05PM MW LIBR 110 C Brownell
Last day to add: 09/11/15

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet access is required. 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 [http://www.norcoccollege.edu/academics/lrc/writinglab](http://www.norcoccollege.edu/academics/lrc/writinglab) for hours of operation.

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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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

38765 05:30PM 07:35PM MW ST 108 J Dobson
Last day to add: 09/11/15

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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

38766 02:00PM 04:05PM TTH IT 206 L Hernandez
Last day to add: 09/11/15

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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

38755 03:00PM 05:05PM MW IT 111 J Dobson
Last day to add: 09/11/15

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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

38760 03:00PM 05:05PM TTH ST 108 L Ludvigsen
Last day to add: 09/11/15

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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

38767 04:15PM 06:20PM TTH IT 111 L Hernandez
Last day to add: 09/11/15

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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

38768 04:15PM 06:20PM TTH IT 123 Staff
Last day to add: 09/11/15

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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

38769 06:30PM 08:35PM TTH JFK 104 A Moore
Last day to add: 09/11/15

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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

38770 04:15PM 06:20PM MW JFK 104 D Reade
Last day to add: 09/11/15

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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

38771 06:30PM 08:35PM MW JFK 104 D Reade
Last day to add: 09/11/15

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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

38764 06:30PM 08:35PM TTH IT 108 J Watson
Last day to add: 09/11/15

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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

38752 04:15PM 06:20PM TTH IT 108 J Watson
Last day to add: 09/11/15

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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

38776 05:30PM 07:35PM MW ST 108 J Dobson
Last day to add: 09/11/15

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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

38761 05:30PM 07:35PM TTH ST 108 L Ludvigsen
Last day to add: 09/11/15

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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

38765 05:30PM 07:35PM MW ST 108 J Dobson
Last day to add: 09/11/15

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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.
ENG-1A     HONORS ENGLISH COMP  4.00 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.

38773  10:30AM 12:35PM   TTH  IT  108  D Mills
       Last day to add: 09/11/15
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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

ENG-1B     CRITICAL THINKING/WRITING  4.00 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.

38775  08:15AM 10:20AM   MW  ATEC 109  T Cortina
       Last day to add: 09/11/15
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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

38782  12:45PM 02:50PM   MW  IT  108  N Capps
       Last day to add: 09/11/15
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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

38776  02:00PM 04:05PM   TTH  IT  111  Staff
       Last day to add: 09/11/15
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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

38777  02:00PM 04:05PM   TTH  IT  110  D Mills
       Last day to add: 09/11/15
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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

38779  03:00PM 05:05PM   MW  IT  110  J Mull
       Last day to add: 09/11/15
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet access is required. 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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

ENG-1BH    HON CRITICAL THINK/WRITE  4.00 UNITS
An honors course that emphasizes argument, analysis, and the study 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.

38774  03:00PM 05:05PM   TTH  ATEC 210  D Hogan
       Last day to add: 09/11/15
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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

EVENING
38781  05:30PM 07:35PM   MW  IT  108  J Mull
       Last day to add: 09/11/15
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet access is required. 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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

EVENING
38780  06:30PM 08:35PM   TTH  IT  110  D Hogan
       Last day to add: 09/11/15
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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.

ONLINE
37024  10/26/15 12/17/15   ONLINE  S Tschetter
       Last day to add: 11/03/15
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. All hours, including the 18-hour laboratory requirement, are completed online.

ONLINE
38778  08/31/15 10/23/15  ONLINE  S Tschetter
       Last day to add: 09/08/15
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. All hours, including the 18-hour laboratory requirement, are completed online.

ENG-1BH    HON CRITICAL THINK/WRITE  4.00 UNITS
An honors course that emphasizes argument, analysis, and the study 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.

38783  10:30AM 12:35PM   TTH  IT  111  S Tschetter
       Last day to add: 09/11/15
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet access is required. 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 http://www.norcocolege.edu/academics/lrc/writinglab for hours of operation.
ENG-9 INTRO TO SHAKESPEARE  3.00 UNITS
A survey of selected Shakespearian plays and poetry, with an emphasis on his dramatic works. PREREQUISITE: None.
ADVISORY: ENG-1B or 1BH.
37014 02:00PM 03:25PM TTH IT 108 S Tschetter
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

ENG-11 CREATIVE WRITING  3.00 UNITS
Studies in the principles of writing fiction and poetry.
PREREQUISITE: ENG-1A or 1AH.
37001 04:15PM 05:40PM MW IT 210 D Mills
Last day to add: 09/11/15

ENG-40 WRLD LIT I: ANCIENT-17TH CEN.  3.00 UNITS
Great works of world literature from the beginning to the seventeenth century, with primary emphasis on literature in translation.
PREREQUISITE: ENG-50 or 80 or eligibility for ENG-1A.
ADVISORY: ENG-1B or 1BH.
38796 10:30AM 12:35PM T CACT 1 C Miter
Last day to add: 09/11/15
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.

ENG-50 BASIC ENGLISH COMP  4.00 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.
38790 10:30AM 12:35PM TTH STEM 125 K Anderson
Last day to add: 09/11/15
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 http://www.norcocollege.edu/academics/lrc/writinglab for hours of operation.
38797 10:30AM 12:35PM TH CACT 1 C Miter
Last day to add: 09/11/15
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.

ENG-100 INTRO TO SPANISH  4.00 UNITS
Emphasis on the study of Spanish. PREREQUISITE: None.
ADVISORY: ENGL-100.
38787 12:45PM 02:50PM MW IT 123 T Comstock
Last day to add: 09/11/15
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 http://www.norcocollege.edu/academics/lrc/writinglab for hours of operation.

ENG-110 SPANISH 1  4.00 UNITS
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet access is required. 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 http://www.norcocollege.edu/academics/lrc/writinglab for hours of operation.
38786 02:00PM 04:05PM TTH LIBR 110 J Gianunzio
Last day to add: 09/11/15
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 http://www.norcocollege.edu/academics/lrc/writinglab for hours of operation.

ENG-111 SPANISH 2  4.00 UNITS
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 http://www.norcocollege.edu/academics/lrc/writinglab for hours of operation.
38791 02:00PM 04:05PM TTH CACT 1 J Reed
Last day to add: 09/11/15
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 http://www.norcocollege.edu/academics/lrc/writinglab for hours of operation.

ENG-120 SPANISH 3  4.00 UNITS
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 http://www.norcocollege.edu/academics/lrc/writinglab for hours of operation.
38793 02:00PM 04:05PM TTH CACT 1 J Reed
Last day to add: 09/11/15
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 http://www.norcocollege.edu/academics/lrc/writinglab for hours of operation.

ENG-122 SPANISH 4  4.00 UNITS
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 http://www.norcocollege.edu/academics/lrc/writinglab for hours of operation.
38792 02:00PM 04:05PM TTH CACT 1 J Reed
Last day to add: 09/11/15
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 http://www.norcocollege.edu/academics/lrc/writinglab for hours of operation.
### ENG-60A  ENGL FUND: SENT TO PARAGRAPH  4.00 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.

<table>
<thead>
<tr>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00AM</td>
<td>MWF</td>
<td>IT 110</td>
<td>D Mills</td>
<td>Last day to add: 09/16/15</td>
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<tr>
<td>12:00PM</td>
<td>MW</td>
<td>IT 121</td>
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<td>Last day to add: 09/16/15</td>
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<tr>
<td>08/31/15  10/23/15</td>
<td>MWF</td>
<td>IT 110</td>
<td>Last day to add: 09/16/15</td>
<td></td>
</tr>
</tbody>
</table>

The above section is a hybrid class and has an 18-hour laboratory requirement to be completed online.  

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[www.norccollegebookstore.com](http://www.norccollegebookstore.com)
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet access is required. 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 http://www.norcocollege.edu/academics/lrc/writinglab for hours of operation.

ENG-60B ENGL FUND: PARAGRAPH TO ESSAY 4.00 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.

38820 08:00AM 11:05AM MWF IT 110 D Mills
12:00PM 12:50PM MW IT 121
10/26/15 12/11/15
The above section is a short term class. Please note the start and end dates. Designated laboratory hours are included in the meeting times for this class.

38815 08:15AM 10:20AM MW IT 123 Staff
Last day to add: 09/11/15
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 http://www.norcocollege.edu/academics/lrc/writinglab for hours of operation.

38818 08:15AM 10:20AM MWF IT 206 L Nelson
11:00AM 11:50AM MW IT 121
10/26/15 12/17/15
The above section is a short term class that is designed with special emphasis on African American culture and requires concurrent enrollment in GUI-45-38865. Please note the start and end dates. See the instructor and T3P counselor prior to enrolling. Designated laboratory hours are included in the meeting times for this class.

38817 09:00AM 09:50AM MW IT 121 K Anderson
10:30AM 01:35PM MWF IT 206
10/26/15 12/11/15
Last day to add: 11/06/15
The above section is a short term class. Please note the start and end dates. Designated laboratory hours are included in the meeting times for this class.

38819 10:30AM 12:35PM MW IT 210 Staff
Last day to add: 09/11/15
The above section is a short term class that is designed with special emphasis on African American culture and requires concurrent enrollment in GUI-45-38865. Please note the start and end dates. See the instructor and T3P counselor prior to enrolling. Designated laboratory hours are included in the meeting times for this class.

38813 12:45PM 02:50PM MW IT 111 Staff
Last day to add: 09/11/15
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 http://www.norcocollege.edu/academics/lrc/writinglab for hours of operation.

38816 12:45PM 02:50PM MW WEQ W4 T Cortina
Last day to add: 09/11/15
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 http://www.norcocollege.edu/academics/lrc/writinglab for hours of operation.

38812 03:00PM 05:05PM MW WEQ W5 Staff
Last day to add: 09/11/15
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 http://www.norcocollege.edu/academics/lrc/writinglab for hours of operation.
ENG-80  PREPARATORY COMPOSITION  6.00 UNITS
Prepares students for college-level reading, writing, and critical thinking. (Non-degree credit course.)
PREREQUISITE: None.

ENG-80 is an intensive accelerated course which provides an alternative option preparing students for entrance into ENG-1A.

38824  08:15AM 10:20AM  MWF  IT  111  A Elizalde
Last day to add: 09/11/15
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 http://www.norcocollage.edu/academics/lrc/writinglab for hours of operation.

38822  08:45AM 10:10AM  MTWTH  ST  108  T Comstock
Last day to add: 09/11/15
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 http://www.norcocollage.edu/academics/lrc/writinglab for hours of operation.

38823  08:45AM 10:10AM  MTWTH  IT  108  M Bader
Last day to add: 09/11/15
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet access is required. 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 http://www.norcocollage.edu/academics/lrc/writinglab for hours of operation.

37018  10:30AM 11:55AM  MTWTH  ST  108  T Comstock
Last day to add: 09/11/15
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 http://www.norcocollage.edu/academics/lrc/writinglab for hours of operation.

38825  10:30AM 12:35PM  MWF  IT  111  A Elizalde
Last day to add: 09/11/15
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 http://www.norcocollage.edu/academics/lrc/writinglab for hours of operation.

38826  10:30AM 11:55AM  MTWTH  IT  123  N Capps
Last day to add: 09/11/15
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 http://www.norcocollage.edu/academics/lrc/writinglab for hours of operation.

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ENGLISH AS A SECOND LANGUAGE

FALL 2015

ESL ONE-STOP DATES
(NEW ESL STUDENTS MUST TAKE PTESL TEST)

We offer “ESL One-Stop” sessions. You can take the ESL placement test and attend a college orientation on the same date. An ESL One-Stop session takes about 3½ hours.

To schedule an appointment:
1. Go to www.norcocollage.edu
2. Click on Student Services
3. Click on Assessment
4. Click on Appointments
5. Under Norco College, click on the Online Appointment System link

Complete testing schedules are available at:
www.rcc.edu/services/assessment/dates.cfm

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

ESL-51 BASIC WRITING AND GRAMMAR 4.00 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.

< EVENING
38827 06:30PM 08:35PM TTH IT 211 L Tougas
08:45PM 09:35PM TH IT 211

Last day to add: 09/11/15
Designated laboratory hours are included in the meeting times for this class.

ESL-52 LOW-INTERMED WRITING/GRAMMAR 4.00 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.

37080 08:15AM 10:20AM MW IT 211 M Shirinian
10:30AM 11:20AM W IT 211

Last day to add: 09/11/15
Designated laboratory hours are included in the meeting times for this class.

ESL-53 INTERMED WRITING/GRAMMAR 4.00 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.

38828 11:15AM 12:05PM M IT 211 M Shirinian
12:15PM 02:20PM MW IT 211

Last day to add: 09/11/15
Designated laboratory hours are included in the meeting times for this class.

ESL-54 HIGH-INTERMED WRITING/GRAMMAR 5.00 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.

< EVENING
38829 06:30PM 09:00PM TTH IT 206 D Tougas
Last day to add: 09/11/15
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 http://www.norcocollege.edu/academics/lrc/writinglab for hours of operation.

ESL-55 ADVANCED WRITING/GRAMMAR 5.00 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.

38830 09:40AM 12:10PM TTH IT 211 M Shirinian
Last day to add: 09/11/15
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 http://www.norcocollege.edu/academics/lrc/writinglab for hours of operation.

ESL-92 INTERMED ORAL COMMUNICATION 3.00 UNITS
An intermediate conversation and idioms class for English as a Second Language students.
(Non-degree credit course. Pass-No Pass only.)
ADVISORY: Concurrent enrollment in ESL-53 or 54.

< EVENING
37081 06:30PM 08:35PM M IT 211 J Tiangco
06:30PM 07:20PM W IT 211
07:30PM 08:20PM W IT 211

Last day to add: 09/11/15
Designated laboratory hours are included in the meeting times for this class.
FRENCH

ENROLLMENT GUIDELINES

1. If you have taken French in high school or in another college or university, you must have official transcripts on file and request evaluation of the course(s) in order to enroll above level 1.

2. If you have acquired knowledge of French outside of a formal educational institution, you must file a matriculation appeals petition in order to enroll above level 1.

FRE-1  FRENCH 1  5.00 UNITS
Develops basic skills in understanding, reading, communicating and writing in French.
PREREQUISITE: None.

37071  11:45AM 01:50PM  M  LIBR 121  D Hitchcock
02:00PM 02:50PM  M  LIBR 121
11:45AM 02:55PM  W  LIBR 109  Last day to add: 09/11/15

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

GAME DEVELOPMENT

GAM-21  HISTORY OF VIDEO GAMES  3.00 UNITS
A comprehensive study of the evolution of video games throughout history including arcade games, console games, computer games and mobile applications.
PREREQUISITE: None.

38833  08:00AM 09:25AM  TTH  ATEC 118  J Coverdale  Last day to add: 09/11/15

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

38832  12:35PM 02:00PM  MW  IT  127  J Coverdale  Last day to add: 09/11/15

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

GAM-22  GAME DESIGN PRINCIPLES  4.00 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.

38835  08:45AM 10:10AM  MW  IT  202  J Coverdale  Last day to add: 09/11/15
10:10AM 11:55AM  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.

38834  09:40AM 11:05AM  TTH  IT  202  J Coverdale  Last day to add: 09/11/15
11:05AM 12:30PM  TTH  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.

GAM-24  VIDEO GAME PROTOTYPING  4.00 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.

38836  08:00AM 12:15PM  F  IT  202  T Pryor
12:25PM 04:40PM  F  IT  202  09/04/15 12/11/15  Last day to add: 09/15/15

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.

GAM-31  INTRODUCTION TO 3D MODELING  3.00 UNITS
Introduction to the concepts of 3D modeling in a virtual environment. Students will create original three-dimensional computer generated models of organic or mechanical design.
PREREQUISITE: None.

38838  09:40AM 11:05AM  TTH  IT  125  G Marquez  Last day to add: 09/11/15

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet access is required. In addition to the time spent in class, students are required to attend the Norco Computer & Gaming Lab in LIBR LRC for 50 minutes each week, and must use WebAdvisor to schedule these sessions. See CGL-LAB in WebAdvisor for available sections.

38837  12:35PM 02:00PM  MW  IT  125  M Williams  Last day to add: 09/11/15

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet access is required. In addition to the time spent in class, students are required to attend the Norco Computer & Gaming Lab in LIBR LRC for 50 minutes each week, and must use WebAdvisor to schedule these sessions. See CGL-LAB in WebAdvisor for available sections.

38839  04:15PM 05:40PM  MW  IT  202  M Williams  Last day to add: 09/11/15

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet access is required. In addition to the time spent in class, students are required to attend the Norco Computer & Gaming Lab in LIBR LRC for 50 minutes each week, and must use WebAdvisor to schedule these sessions. See CGL-LAB in WebAdvisor for available sections.

GAM-33  ADVANCED DESIGN SCULPTING  3.00 UNITS
Students will learn the production workflow of ZBrush to Maya and complete high-end cinematic quality 3D models. The focus will be on high level detail and animation ready models.
PREREQUISITE: GAM-32.

38840  11:15AM 12:40PM  TTH  IT  125  G Marquez  Last day to add: 09/11/15

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet access is required. In addition to the time spent in class, students are required to attend the Norco Computer & Gaming Lab in LIBR LRC for 50 minutes each week, and must use WebAdvisor to schedule these sessions. See CGL-LAB in WebAdvisor for available sections.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
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<td>GAM-34</td>
<td>CHARACTER RIGGING</td>
<td>3.00</td>
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<tr>
<td>GAM-35</td>
<td>INTRO COMPUTER GAME DEV</td>
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<td>GAM-36</td>
<td>INTRO TO GAME PROGRAMMING</td>
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<td>GAM-37</td>
<td>3-D CHARACTER ANIMATION</td>
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<td>INTRO TO GAME PROGRAMMING</td>
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<td>GAM-39</td>
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<td>GAM-40</td>
<td>INTRO COMMERCE GAME DEVELOPMENT</td>
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<td>GAM-41</td>
<td>GAME ASSET/ENGINE INTEGRATION</td>
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<td>GAM-42</td>
<td>PHOTOSHOP FOR GAME ART</td>
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<td>GAM-43</td>
<td>DIGITAL GAME DESIGN</td>
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<tr>
<td>GAM-44</td>
<td>ENVIRONMENT/VEHICLE MODELING</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Course Descriptions:**

**GAM-34 CHARACTER RIGGING 3.00 UNITS**
Prepare an animation rig in a 3D simulation environment. Students will prepare previously created humanoid and creature 3D models for an animation-ready state using professional production techniques.

**PREREQUISITE:** GAM-32 or 47.

**GAM-41 GAME ASSET/ENGINE INTEGRATION 3.00 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-49.

**GAM-42 PHOTOSHOP FOR GAME ART 3.00 UNITS**
Introduction to Adobe Photoshop including mastery of digital image editing and techniques for painting custom textures for game art and animation.

**PREREQUISITE:** None.

**GAM-44 DIGITAL GAME DESIGN 3.00 UNITS**
Intensive hands-on introduction to digital game design and development.

**PREREQUISITE:** GAM-31.

**GAM-46 ENVIRONMENT/VEHICLE MODELING 3.00 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.

**PREREQUISITES:** GAM-31 or CIS/GAM-38A.

**ADVISORY:** ART-17.

**GAM-48 3-D CHARACTER ANIMATION 3.00 UNITS**
An advanced 3D animation course that applies real-life action sequences to characters. Topics include game cycle animation, weight, actions and personality for the character including advanced techniques with keyframe animation.

**PREREQUISITE:** CIS/GAM-38B or GAM-47.

**GAM-50 INTRO TO GAME PROGRAMMING 3.00 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.

**GAM-52 DATABASE/NETWORK DESIGN 3.00 UNITS**
Intensive hands-on introduction to database and network design.

**PREREQUISITE:** None.
GAM-52  GAME ENGINE SCRIPTING I  3.00 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. (Same as CSC-52)
PREREQUISITE: CIS/CSC-17B, or 18B or CIS/CSC-50.
ADVISORY: GAM-24 or CIS/GAM-37.

38851  11:45AM 12:35PM  M  LIBR LCR  J Finley
12:45PM 02:10PM  MW  IT  202
Last day to add: 09/11/15

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

GAM-70  COMPUTER SKILLS FOR GAME ART  1.00 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.
COREQUISITE: GAM-31 OR 42.

38852  TBA  LIBR LRC  M Chapman
08/31/15 10/23/15
Last day to add: 09/11/15

The above section is a short term individually paced web-enhanced class and has 24 hours of instruction to be arranged. Internet access is required. Please note the start and end dates. All students must attend one mandatory orientation session with the instructor in room LIBR LRC. Students who are enrolled will be contacted via official student e-mail with a schedule of orientation dates during the first week of the semester.

GAM-71  PERSPECTIVE FOR GAME/ANIMATION  3.00 UNITS
A perspective drawing class which focuses on creating believable environments, both interior and exterior, through the proper implementation of correct one-point, two-point and three-point perspective while setting up a dynamic composition. Students learn to draw three-dimensional forms through observation and application of perspective principles.
PREREQUISITE: ART-17.

38853  10:30AM 11:20AM  M  ATEC 109  A Andreini
11:30AM 12:55PM  M  ATEC 109
10:30AM 11:35AM  W  ATEC 109
11:45AM 01:10PM  W  ATEC 109
Last day to add: 09/11/15

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

GEOGRAPHY

GEG-1  PHYSICAL GEOGRAPHY  3.00 UNITS
The interacting physical processes of air, water, land, and life which impact Earth's surface.
PREREQUISITE: None.

38855  08:00AM 09:25AM  TTH  ATEC 205  J Eckstein
Last day to add: 09/11/15

38854  08:45AM 10:10AM  MW  ATEC 114  J Eckstein
Last day to add: 09/11/15

38856  10:30AM 11:55AM  MW  ATEC 114  J Eckstein
Last day to add: 09/11/15

38858  02:30PM 03:55PM  MW  ATEC 114  J Eckstein
Last day to add: 09/11/15

GEG-3  WORLD REGIONAL GEOG  3.00 UNITS
A study of major world regions, emphasizing current characteristics and issues including cultural, economic, political, and environmental conditions.
PREREQUISITE: None.

38864  12:45PM 02:10PM  MW  ATEC 205  R Christov
Last day to add: 09/11/15

GUIDANCE

GUI-45  INTRODUCTION TO COLLEGE  1.00 UNITS
Introduction to programs, resources and personal factors that contribute to college success.
PREREQUISITE: None.

37002  11:15AM 12:05PM  F  IT  125  S Sattar
09/04/15 12/11/15
Last day to add: 09/15/15

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

38865  11:20AM 12:10PM  TTH  ATEC 205  R Christov
09/01/15 10/22/15
Last day to add: 09/07/15

The above section is a short-term class that is designed with special emphasis on African American culture and requires concurrent enrollment in ENG-60A-38810 and ENG-60B-38818. Please note the start and end dates. See the T3P counselor prior to enrolling.

37004  03:35PM 04:50PM  T  IT  109  M Iliscupidez
09/01/15 11/17/15
Last day to add: 09/12/15

The above section is a short term class. Please note the start and end dates.
**GUI-46  INTRO TRANSFER PROCESS  1.00 UNITS**
Survey of transfer requirements with hands-on activities through the application process for students transferring to four-year institutions.

**PREREQUISITE:** None.

38866  
12:15PM 01:20PM  
MW  
ATEC 118  
M Liscupidez  
08/31/15 10/21/15  
The above section is a short term class. Please note the start and end dates.

38865  
08:00AM 09:25AM  
TTH  
IT 208  
Staff  
Last day to add: 09/11/15  

38864  
08:45AM 10:10AM  
MW  
IT 109  
B Tarver  
Last day to add: 09/11/15  

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

38874  
11:15AM 03:20PM  
F  
IT 106  
R Smith  
09/04/15 12/11/15  
The above section is a short term class. Please note the start and end dates.

38868  
12:45PM 02:10PM  
MW  
ATEC 204  
R Zamora  
Last day to add: 09/11/15  

38867  
02:30PM 03:55PM  
MW  
ATEC 119  
J Rubino  
Last day to add: 09/11/15  

**EVENING**

38873  
06:30PM 09:40PM  
W  
CACT 2  
J Moore  
Last day to add: 09/11/15  
The above section is a web-enhanced class. Internet access is required.

38870  
06:30PM 09:40PM  
TH  
LIBR 108  
E Montgomery  
Last day to add: 09/11/15  
The above section is a web-enhanced class. Internet access is required.

**ONLINE**

37005  
ONLINE  
L Dominguez  
Last day to add: 09/11/15  
The above section is an online class. Computer with Internet access required. See www.opencampus.com.

**GUI-47  CAREER EXPLOR/LIFE PLANNING  3.00 UNITS**
Designed to assist those students considering the transition of a career change or undecided about the selection of a college major.

**PREREQUISITE:** None.

38871  
08:00AM 09:25AM  
TTH  
IT 208  
Staff  
Last day to add: 09/11/15  

38869  
08:45AM 10:10AM  
MW  
IT 109  
B Tarver  
Last day to add: 09/11/15  

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

38874  
11:15AM 03:20PM  
F  
IT 106  
R Smith  
09/04/15 12/11/15  
The above section is a short term class. Please note the start and end dates.

38868  
12:45PM 02:10PM  
MW  
ATEC 204  
R Zamora  
Last day to add: 09/11/15  

38867  
02:30PM 03:55PM  
MW  
ATEC 119  
J Rubino  
Last day to add: 09/11/15  

**EVENING**

38873  
06:30PM 09:40PM  
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CACT 2  
J Moore  
Last day to add: 09/11/15  
The above section is a web-enhanced class. Internet access is required.

38870  
06:30PM 09:40PM  
TH  
LIBR 108  
E Montgomery  
Last day to add: 09/11/15  
The above section is a web-enhanced class. Internet access is required.

**ONLINE**

37005  
ONLINE  
L Dominguez  
Last day to add: 09/11/15  
The above section is an online class. Computer with Internet access required. See www.opencampus.com.

**GUI-48  COLLEGE SUCCESS STRAT  2.00 UNITS**
Exploration of various learning strategies. Students will identify their own learning styles and utilize that information to succeed in college.

**PREREQUISITE:** None.

37006  
08:00AM 10:30AM  
F  
IT 106  
M Maness  
09/04/15 12/11/15  
The above section is a short term class. Please note the start and end dates.

38875  
12:30PM 01:50PM  
MW  
IT 109  
D Payan  
08/31/15 11/18/15  
The above section is a short term web-enhanced class that is designed for students in the Puente Program. Internet access is required. Please note the start and end dates. See the Puente counselor prior to enrolling.

**EVENING**

38876  
05:30PM 07:35PM  
W  
JFK 224  
R Gonzales  
Last day to add: 09/20/15  

**HEALTH SCIENCE**

**HES-1  HEALTH SCIENCE  3.00 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.

38878  
08:00AM 09:25AM  
TTH  
THTR 101  
M Donovan  
Last day to add: 09/11/15  
The above section is a web-enhanced class. Internet access is required.

38879  
09:40AM 11:05AM  
TTH  
THTR 101  
M Donovan  
Last day to add: 09/11/15  
The above section is a web-enhanced class. Internet access is required.

38877  
12:45PM 02:10PM  
MW  
IT 117  
V Genian  
Last day to add: 09/11/15  
The above section is a web-enhanced class. Internet access is required.

38880  
02:30PM 03:55PM  
MW  
IT 117  
Staff  
Last day to add: 09/11/15  
The above section is a web-enhanced class. Internet access is required.

38884  
04:15PM 05:40PM  
MW  
IT 117  
Staff  
Last day to add: 09/11/15  
The above section is a web-enhanced class. Internet access is required.

**EVENING**

38885  
06:00PM 09:10PM  
M  
THTR 101  
N Corselli  
Last day to add: 09/11/15  

38881  
06:00PM 09:10PM  
T  
WEQ W6  
T Wallstrom  
Last day to add: 09/11/15  

38882  
06:00PM 09:10PM  
W  
WEQ W6  
T Wallstrom  
Last day to add: 09/11/15  

**EVENING**

38883  
06:00PM 09:10PM  
TH  
IT 117  
C Traugh  
Last day to add: 09/11/15  
The above section is a web-enhanced class. Internet access is required.

**HISTORY**

**HIS-1  WORLD CIVILIZATIONS 1  3.00 UNITS**
Historical development of world societies from the time of human origins to the 16th century.

**PREREQUISITE:** None.

38887  
11:15AM 12:40PM  
TTH  
HUM 103  
S Kyriakos  
Last day to add: 09/11/15  

**HIS-6  POL SOC HIST OF US  3.00 UNITS**
A history of the United States from Colonial time to 1877.

**PREREQUISITE:** None.

38890  
07:00AM 11:05AM  
F  
HUM 103  
Staff  
09/04/15 12/11/15  
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

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HIS-34  HIST AMERICAN WOMEN  3.00 UNITS
Political, social, and cultural institutions which have shaped the role and character of women in America.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.

EVENING
3889  06:00PM 09:10PM  TH  HUM 103  D Reina
The above section is a web-enhanced class. Internet access is required.

HONORS
This is a specialized program.
For more information regarding entry into the program, go to

COM-1H  HONORS PUBLIC SPEAKING  3.00 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.

ENG-1BH HON CRITICAL THINK/WRIT  4.00 UNITS
An Honors course that emphasizes argument, analysis, and the study 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.

ENG-1AH HONORS ENGLISH COMP  4.00 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.

HIS-7  POL SOC HISTORY OF US  3.00 UNITS
A history of the United States from 1877 to the present.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.

EVENING
38893  06:00PM 09:10PM  M  HUM 103  M Hickerson
Last day to add: 09/11/15

EVENING
38894  06:00PM 09:10PM  T  WEQ W4  Staff
Last day to add: 09/11/15

HONORS

This is a specialized program.
For more information regarding entry into the program, go to

COM-1H  HONORS PUBLIC SPEACKING  3.00 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.

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Offers students in the Honors Program an enriched experience in the development of college-level critical reading, academic writing, and research skills.
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PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.

EVENING
38893  06:00PM 09:10PM  M  HUM 103  M Hickerson
Last day to add: 09/11/15

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38894  06:00PM 09:10PM  T  WEQ W4  Staff
Last day to add: 09/11/15

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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.

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A history of the United States from 1877 to the present.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.

EVENING
38893  06:00PM 09:10PM  M  HUM 103  M Hickerson
Last day to add: 09/11/15

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38894  06:00PM 09:10PM  T  WEQ W4  Staff
Last day to add: 09/11/15

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PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.

EVENING
38893  06:00PM 09:10PM  M  HUM 103  M Hickerson
Last day to add: 09/11/15

EVENING
38894  06:00PM 09:10PM  T  WEQ W4  Staff
Last day to add: 09/11/15

HONORS

This is a specialized program.
For more information regarding entry into the program, go to
HUM-5H HON ARTS, IDEAS: RENAISS-MOD 3.00 UNITS
Offers students in the Honors Program an interdisciplinary study of the origins of movements in art, literature, music, philosophy, photography, cinema, media, and religion in Western civilization from the Renaissance through the post-Modern era.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
LIMITATION ON ENROLLMENT: Enrollment in the Honors Program.
37043 02:30PM 03:55PM MW STEM 125 D Palmer
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

MUS-89H HONORS MUSIC MULTICULTUR AMER 3.00 UNITS
An Honors class that offers a comparative and integrative study of the multicultural musical styles of the United States.
PREREQUISITE: None.
LIMITATION ON ENROLLMENT: Enrollment in the Honors Program.

HUM-11 RELIGION IN AMERICA 3.00 UNITS
Religious thought and practice in American culture.
PREREQUISITE: None.
ADVISORY: HUM-10, REA-83 and qualification for ENG-1A.
38904 12:45PM 02:10PM MW WEQ W7 E Lape
Last day to add: 09/11/15
EVENING 38907 06:00PM 09:10PM T JFK 204 D Palmer
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

HUM-4 ARTS & IDEAS: ANCIENT-MEDIEVAL 3.00 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.

HUM-10 WORLD RELIGIONS 3.00 UNITS
Concepts of major religions including Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity and Islam.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
38906 08:00AM 09:25AM TTH ATEC 114 N Westbrook
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.
38909 10:30AM 02:35PM F IT 211 E Heimlich
09/04/15 12/11/15 Last day to add: 09/15/15
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

HUM-5H HON ARTS, IDEAS: RENAISS-MOD 3.00 UNITS
Offers students in the Honors Program an interdisciplinary study of the origins of movements in art, literature, music, philosophy, photography, cinema, media, and religion in Western civilization from the Renaissance through the post-Modern era.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
LIMITATION ON ENROLLMENT: Enrollment in the Honors Program.
37043 02:30PM 03:55PM MW STEM 125 D Palmer
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

HUM-35 PHILOSOPHY OF RELIGION 3.00 UNITS
An explanation of religious and faith claims from philosophical perspective. (Same as PHI-35)
PREREQUISITE: None.
ADVISORY: PHI-10 or 10H or 11 and REA-83 and qualification for ENG-1A.
38913 10:30AM 02:35PM F ATEC 119 N Westbrook
09/04/15 12/11/15 Last day to add: 09/15/15
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

ILA-1 INTRODUCTION TO TUTOR TRAINING 1.00 UNITS
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.
38914 09:30AM 11:35AM F LIBR 110 R Prior
09/04/15 10/23/15 Last day to add: 09/08/15
The above section is a short term class. Please note the start and end dates.

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30
JAPANESE

ENROLLMENT GUIDELINES JAPANESE

1. If you have taken Japanese 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 Japanese outside of a formal educational institution, you must file a matriculation appeals petition in order to enroll above level 1.

JPN-1 JAPANESE 1 5.00 UNITS
Develops basic skills in understanding, reading, communicating, and writing in Japanese.
PREREQUISITE: None.

<table>
<thead>
<tr>
<th>Class Code</th>
<th>Start Time</th>
<th>End Time</th>
<th>Day(s)</th>
<th>Location</th>
<th>Instructor</th>
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<td>38921</td>
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</table>
| 08:00AM    | 11:10AM   | TH       |        | LIBR 109 | Last day to add: 09/11/15

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

<table>
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<tr>
<th>Class Code</th>
<th>Start Time</th>
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Designated laboratory hours are included in the meeting times for this class.

JOURNALISM

JOU-7 MASS COMMUNICATIONS 3.00 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.

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<th>Class Code</th>
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<th>Day(s)</th>
<th>Location</th>
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The above section is a web-enhanced class. Internet access is required.

KINESIOLOGY

KIN-4 NUTRITION 3.00 UNITS
Principles of basic nutrition and their application to health and diseases.
PREREQUISITE: None.

<table>
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<tr>
<th>Class Code</th>
<th>Start Time</th>
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KIN-10 INTRO TO KINESIOLOGY 3.00 UNITS
The study of human movement, sub-disciplines in Kinesiology and career opportunities.
PREREQUISITE: None.

<table>
<thead>
<tr>
<th>Class Code</th>
<th>Start Time</th>
<th>End Time</th>
<th>Day(s)</th>
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</table>

KIN-16 INTRO TO ATHLETIC TRAINING 3.00 UNITS
Analyzes and applies basic concepts of athletic training with emphasis on care and prevention of athletic injuries.
PREREQUISITE: None.

<table>
<thead>
<tr>
<th>Class Code</th>
<th>Start Time</th>
<th>End Time</th>
<th>Day(s)</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>38923</td>
<td>03:00PM</td>
<td>04:25PM</td>
<td>TH</td>
<td>WEQ W3</td>
<td>J Winn</td>
</tr>
<tr>
<td>06:00PM</td>
<td>08:30PM</td>
<td>TH</td>
<td></td>
<td>WEQ W3</td>
<td></td>
</tr>
<tr>
<td>Last day to add: 09/11/15</td>
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</tr>
</tbody>
</table>

KIN-30 FIRST AID AND CPR 3.00 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.

<table>
<thead>
<tr>
<th>Class Code</th>
<th>Start Time</th>
<th>End Time</th>
<th>Day(s)</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>38924</td>
<td>08:00AM</td>
<td>09:25AM</td>
<td>MW</td>
<td>WEQ W3</td>
<td>P Mahoney</td>
</tr>
<tr>
<td>Last day to add: 09/11/15</td>
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</tr>
</tbody>
</table>

KIN-36 WELLNESS: LIFESTYLE CHOICES 3.00 UNITS
Studies the various dimensions of health as they relate to living a positive, healthy life.
PREREQUISITE: None.

<table>
<thead>
<tr>
<th>Class Code</th>
<th>Start Time</th>
<th>End Time</th>
<th>Day(s)</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>38926</td>
<td>09:40AM</td>
<td>11:05AM</td>
<td>TTH</td>
<td>WEQ W3</td>
<td>B Wimer</td>
</tr>
<tr>
<td>Last day to add: 09/11/15</td>
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</tr>
<tr>
<td>38927</td>
<td>11:15AM</td>
<td>12:40PM</td>
<td>TTH</td>
<td>WEQ W3</td>
<td>B Wimer</td>
</tr>
<tr>
<td>Last day to add: 09/11/15</td>
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</tbody>
</table>

KIN-38 STRESS MANAGEMENT 3.00 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.

<table>
<thead>
<tr>
<th>Class Code</th>
<th>Start Time</th>
<th>End Time</th>
<th>Day(s)</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>38928</td>
<td>09:30AM</td>
<td>11:20AM</td>
<td>MW</td>
<td>WEQ W3</td>
<td>B Wimer</td>
</tr>
<tr>
<td>11:30AM</td>
<td>12:35PM</td>
<td>MW</td>
<td></td>
<td>WEQ W2</td>
<td></td>
</tr>
<tr>
<td>08/31/15</td>
<td>11/11/15</td>
<td>Last day to add: 09/13/15</td>
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<td>The above section is a short term class. Please note the start and end dates.</td>
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</tr>
<tr>
<td>38929</td>
<td>12:45PM</td>
<td>02:35PM</td>
<td>MW</td>
<td>WEQ W3</td>
<td>B Wimer</td>
</tr>
<tr>
<td>02:45PM</td>
<td>03:50PM</td>
<td>MW</td>
<td></td>
<td>WEQ W2</td>
<td></td>
</tr>
<tr>
<td>08/31/15</td>
<td>11/11/15</td>
<td>Last day to add: 09/13/15</td>
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<tr>
<td>The above section is a short term class. Please note the start and end dates.</td>
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</tbody>
</table>
KIN-A40  KARATE, BEGINNING  1.00 UNITS
Develops basic skills needed for unarmed self-defense by using shifting, blocking, punching and kicking.
PREREQUISITE: None.
38933  04:15PM 05:40PM  MW  WEQ W2  D Namekata
Last day to add: 09/11/15

KIN-A46  HATHA YOGA, BEGINNING  1.00 UNITS
Develops physical and mental wellness by exercises for breathing, concentration, flexibility, strength and relaxation.
PREREQUISITE: None.
38936  08:00AM 09:25AM  TTH  WEQ W2  F Stewart
Last day to add: 09/11/15
38934  08:45AM 10:10AM  MW  WEQ W2  L Zank
Last day to add: 09/11/15
38935  09:40AM 11:05AM  TTH  WEQ W2  F Stewart
Last day to add: 09/11/15

KIN-A75A  WALKING FOR FITNESS: BEGINNING  1.00 UNITS
Provides instruction in walking techniques and fitness, nutrition, and weight control as it relates to a walking program.
PREREQUISITE: None.
37084  08:00AM 09:25AM  TTH  WEQ W3  B Wimer
Last day to add: 09/11/15

KIN-A81  PHYSICAL FITNESS  1.00 UNITS
Provides concepts for total fitness and develops personalized exercise programs for cardiovascular endurance, strength and flexibility.
PREREQUISITE: None.
38937  08:45AM 10:10AM  MW  WEQ W8  D Bednarczyk
Last day to add: 09/11/15
38938  10:30AM 11:55AM  MW  WEQ W8  D Bednarczyk
Last day to add: 09/11/15
37007  02:30PM 03:55PM  TTH  WEQ W8  M Kassouf
Last day to add: 09/11/15

KIN-A83  KICKBOXING AEROBICS  1.00 UNITS
Develops muscular strength, flexibility and endurance with kickboxing aerobic activity and body conditioning exercises.
PREREQUISITE: None.
37009  04:15PM 05:40PM  TTH  WEQ W2  M Kassouf
Last day to add: 09/11/15

VARSITY SPORTS

KIN-V10  SOCCER, VARSITY, MEN  2.00 UNITS
Develops advance skills and strategies to prepare students for intercollegiate soccer competition.
PREREQUISITE: None.
LIMITATION ON ENROLLMENT: Retention based on successful tryout.
38939  TBA  SOCR 2  F Melgarejo
The above section has a 175-hour laboratory requirement to be arranged and first meets on 8/31/15 at 3:00PM. All meeting times and game dates will be listed on the class syllabus. Contact the instructor for additional information.

KIN-V25  SOCCER, VARSITY, WOMEN  2.00 UNITS
Develops advanced skills and strategies to prepare students for intercollegiate soccer competition.
PREREQUISITE: None.
LIMITATION ON ENROLLMENT: Retention based on successful tryout.
38940  TBA  SOCR 2  L Jalayer
The above section has a 175-hour laboratory requirement to be arranged and first meets on 8/31/15 at 3:00PM. All meeting times and game dates will be listed on the class syllabus. Contact the instructor for additional information.

LIBRARY

LIB-1  INTRO INFORMATION LITERACY  1.00 UNITS
Presents the fundamentals of the effective use of libraries to find, evaluate, interpret, and organize information from a variety of formats.
PREREQUISITE: None.
38941  03:00PM 04:05PM  TH  IT  202  S Seifried
09/03/15 10/22/15  Last day to add: 09/07/15
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.

LIBRARY

MANAGEMENT

MAG-44  PRINCIPLES OF MANAGEMENT  3.00 UNITS
An overview of the concepts, processes and techniques of organizational management.
PREREQUISITE: None.
38943  08/31/15 10/23/15  ON  LINE  G Zwart
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.
MAG-47  APPLIED BUS, MGMT ETHICS  3.00 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.

EVENING
38944  06:30PM 09:40PM  TH  IT 111  A Riker
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

ONLINE
38945  ON LINE  A Riker
10/26/15 12/17/15
Last day to add: 11/03/15
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.

MAG-51  ELEMENTS OF SUPERVISION  3.00 UNITS
Covers responsibilities of a supervisor in industry, including organization, employee relations and evaluations.
PREREQUISITE: None.

EVENING
38946  06:30PM 09:40PM  W  JFK 220  E Davalos
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

MAG-53  HUMAN RELATIONS  3.00 UNITS
Practical application of basic psychology in building better employer-employee relationships.
PREREQUISITE: None.

EVENING
38947  06:30PM 09:40PM  M  JFK 120  V Mixson
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

ONLINE
38948  ON LINE  G Zwart
10/26/15 12/17/15
Last day to add: 11/03/15
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.

MANUFACTURING TECHNOLOGY

MAN-35  COMP AIDED MANUF-MASTERCAM  5.00 UNITS
Provides students with the knowledge and skills to program machining operations using Mastercam software on turning centers and milling machines.
PREREQUISITE: None.
ADVISORY: CIS-1A.

38949  08:00AM 10:50AM  MTWTHF  CACT 2  K Wils
10:50AM 12:00PM  MTWTHF  CACT 2
01:00PM 03:30PM  MWF  CACT 3
01:00PM 01:50PM  TTH  CACT 2
11/11/15 12/11/15
Last day to add: 11/17/15
The above section is a short term class. Please note the start and end dates.

MAN-57  CNC PROGRAM WRITING  3.00 UNITS
Introduction to manual CNC program writing including hands-on experience with CNC machine tools. (Same as MAC-57)
PREREQUISITE: None.

38951  08:00AM 10:25AM  MTWTHF  CACT 2  P Van Hulle
10:25AM 12:00PM  MTWTHF  CACT 2
01:00PM 03:05PM  MWF  CACT 2
01:00PM 01:50PM  TTH  CACT 2
09/23/15 10/13/15
Last day to add: 09/24/15
The above section is a short term class. Please note the start and end dates.

MAN-60  HYDRAULIC/PNEUMATIC SYSTEMS  3.00 UNITS
Overview of basic pressurized fluid systems in engineering, manufacturing, robotic and industrial equipment systems are presented.
PREREQUISITE: None.
ADVISORY: ENE-60 or MAT-52.

37069  08:00AM 09:50AM  MTWTHF  IT 124  T Childers
09:50AM 12:00PM  MTWTHF  IT 124
01:00PM 02:50PM  MTWTHF  IT 124
11/10/15 12/14/15
Last day to add: 11/18/15
The above section is a short term class. Please note the start and end dates.

MAN-64  PROGRAMMABLE LOGIC CONTR  3.00 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.

37068  08:00AM 10:05AM  MTWTHF  IT 124  K Rad
10:05AM 11:55AM  MTWTHF  IT 124
01:00PM 02:50PM  MTWTHF  IT 124
08/31/15 09/22/15
Last day to add: 09/02/15
The above section is a short term class. Please note the start and end dates.

MARKETING

MKT-20  PRINC OF MARKETING  3.00 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.

EVENING
39032  06:30PM 09:40PM  T  JFK 102  M Ferguson
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

MATHEMATICS

MAT-1A  CALCULUS I  4.00 UNITS
Differentiation with applications and basic integration.
PREREQUISITE: MAT-10 or qualifying placement level.

38965  08:30AM 09:35AM  T  LIBR 108  J Parks
09:40AM 11:45AM  TTH  LIBR 108
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

Get important textbook information, including ISBN numbers and pricing, and reserve for in-store pickup or delivery to your home! www.norcollegebookstore.com
Designated laboratory hours are included in the meeting times for this class.

MAT-1B Calculus II 4.00 Units
Integration, applications of integration, series, parametric equations, and polar coordinates. 
PREREQUISITE: MAT-1A.

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

MAT-10 Precalculus 4.00 Units
College-level algebra and trigonometry preparation for calculus. 
PREREQUISITE: MAT-36 or qualifying placement level.

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

MAT-11 College Algebra 4.00 Units
College-level algebra. 
PREREQUISITE: MAT-35 or qualifying placement level.

MAT-12 Statistics 4.00 Units
A study of statistical methods and their application to hypothesis testing and estimation of population parameters. 
PREREQUISITE: MAT-35 or qualifying placement level.

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

MAT-13 Linear Algebra 3.00 Units
Introduction to matrix algebra with vector spaces and linear transformations. 
PREREQUISITE: MAT-1B.

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

MAT-15 Calculus for Business and Life Sci 4.00 Units
Calculus for business administration, life and social science majors. Applications of derivatives and integrals. 
PREREQUISITE: MAT-35 or qualifying placement level.
MAT-25  MATH FOR THE LIBERAL ARTS  3.00 UNITS
A college-level course designed for students majoring in liberal arts, education, or communication.
PREREQUISITE: MAT-35 or qualifying placement level.
37019  08:45AM 10:10AM  MW  ATEC 205  J Frewing
Last day to add: 09/11/15

MAT-32  INTRO TO SYMBOLIC LOGIC  3.00 UNITS
Principles of deductive reasoning applying modern symbolic techniques.
(Same as PHI-32)
PREREQUISITE: None.
LIMITATION ON ENROLLMENT: May not be taken if credit for PHI-32 has been granted.
37072  02:00PM 03:35PM  TTH  ATEC 119  C Booher
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

MAT-35  INTERMEDIATE ALGEBRA  5.00 UNITS
Algebra preparation for college-level mathematics.
PREREQUISITE: MAT-52 or qualifying placement level.
38977  07:00AM 09:30AM  TTH  ATEC 119  N Alvarado
Last day to add: 09/11/15
38990  07:15AM 09:45AM  MW  ATEC 204  F Gelenchi
Last day to add: 09/11/15
38978  08:45AM 10:10AM  MW  IT 117  B Johnson
Last day to add: 09/11/15
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.
38985  08:45AM 10:20AM  MWF  WEQ W7  S Park
Last day to add: 09/11/15
38984  09:40AM 12:10PM  TTH  ATEC 119  J DeGuzman
Last day to add: 09/11/15
38983  10:30AM 11:55AM  MW  ATEC 211  B Johnson
Last day to add: 09/11/15
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.
38996  10:30AM 12:05PM  MWF  STEM 201  S Park
Last day to add: 09/11/15
38986  11:15AM 12:50PM  TThF  WEQ W6  Staff
Last day to add: 09/11/15
38988  02:10PM 04:40PM  TTH  ATEC 204  J Deguzman
Last day to add: 09/11/15
38992  02:10PM 04:40PM  TTH  STEM 201  D Wood
Last day to add: 09/11/15
38995  02:30PM 05:00PM  MW  WEQ W7  Staff
Last day to add: 09/11/15

ONLINE  38991  05:30PM 06:55PM  TTH  WEQ W4  K Helmick
Last day to add: 09/11/15
The above section is an online class. Computer with Internet access required. See www.opencampus.com.
38989  07:45PM 09:10PM  TTH  ATEC 211  J Duong
Last day to add: 09/11/15
The above section is an online class. Computer with Internet access required. See www.opencampus.com.
38989  08:00PM 09:00PM  MW  ATEC 204  J DeGuzman
Last day to add: 09/11/15
38994  07:45PM 09:10PM  TTH  ATEC 204  J DeGuzman
Last day to add: 09/11/15
The above section is an online class. Computer with Internet access required. See www.opencampus.com.
38991  05:30PM 06:55PM  TTH  ATEC 119  E Chung
Last day to add: 09/11/15
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.
38989  07:45PM 09:10PM  TTH  ATEC 119  E Chung
Last day to add: 09/11/15
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 10/22 to10/24 and another day between 12/08 and 12/10.
38989  08:00PM 09:00PM  MW  ATEC 204  J DeGuzman
Last day to add: 09/11/15
38994  07:45PM 09:10PM  TTH  ATEC 204  J DeGuzman
Last day to add: 09/11/15
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 10/22 to10/24 and another day between 12/08 and 12/10.
### MAT-36 TRIGONOMETRY 4.00 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.

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Last day to add</th>
</tr>
</thead>
<tbody>
<tr>
<td>38997</td>
<td>09:40AM to 11:45AM</td>
<td>TTH</td>
<td>WEQ W4</td>
<td>S Parks</td>
<td>09/11/15</td>
</tr>
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The above section is a web-enhanced class. Internet access is required.

### EVENING

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Last day to add</th>
</tr>
</thead>
<tbody>
<tr>
<td>38998</td>
<td>05:30PM to 07:35PM</td>
<td>MW</td>
<td>WEQ W5</td>
<td>R Prior</td>
<td>09/11/15</td>
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The above section is a web-enhanced class. Internet access is required.

### ONLINE

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Last day to add</th>
</tr>
</thead>
<tbody>
<tr>
<td>38999</td>
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<td></td>
<td>ON LINE</td>
<td>J Driver</td>
<td>09/11/15</td>
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</tbody>
</table>

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://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 10/22 to 10/24 and another day between 12/08 and 12/10.

### MAT-52 ELEMENTARY ALGEBRA 4.00 UNITS

An introduction to the concepts of algebra. (Non-degree credit course.)

**PREREQUISITE:** MAT-64 (formerly 50), 65, 90F or qualifying placement level.

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Last day to add</th>
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<tbody>
<tr>
<td>39007</td>
<td>07:00AM to 09:05AM</td>
<td>TTH</td>
<td>ATEC 204</td>
<td>Staff</td>
<td>09/11/15</td>
</tr>
<tr>
<td>39012</td>
<td>07:10AM to 08:35AM</td>
<td>M</td>
<td>ATEC 119</td>
<td>L Ting</td>
<td>09/11/15</td>
</tr>
<tr>
<td>39002</td>
<td>08:15AM to 10:20AM</td>
<td>MW</td>
<td>WEQ W5</td>
<td>Staff</td>
<td>09/11/15</td>
</tr>
<tr>
<td>39003</td>
<td>10:30AM to 12:35PM</td>
<td>MW</td>
<td>HUM 102</td>
<td>F Gelenchi</td>
<td>09/11/15</td>
</tr>
<tr>
<td>39004</td>
<td>12:45PM to 02:10PM</td>
<td>M</td>
<td>WEQ W5</td>
<td>N Shumaker</td>
<td>09/11/15</td>
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<tr>
<td>39005</td>
<td>02:00PM to 04:05PM</td>
<td>TTH</td>
<td>WEQ W5</td>
<td>S Lee</td>
<td>09/11/15</td>
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<tr>
<td>39014</td>
<td>03:00PM to 05:05PM</td>
<td>MW</td>
<td>LIBR 108</td>
<td>S Shumaker</td>
<td>09/11/15</td>
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<tr>
<td>39011</td>
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<td>TTH</td>
<td>JFK 106</td>
<td>I Lopez</td>
<td>09/11/15</td>
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<tr>
<td>39005</td>
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<td>TTH</td>
<td>ATEC 211</td>
<td>J DeGuzman</td>
<td>09/11/15</td>
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<tr>
<td>39008</td>
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<td>MW</td>
<td>LIBR 108</td>
<td>B Nguyen</td>
<td>09/11/15</td>
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</tbody>
</table>

### MAT-53 COLLEGE GEOMETRY 3.00 UNITS

A course in the study of two- and three-dimensional geometry.

**PREREQUISITE:** MAT-52 or qualifying placement level.

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Last day to add</th>
</tr>
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<tbody>
<tr>
<td>39010</td>
<td>06:30PM to 08:35PM</td>
<td>TTH</td>
<td>JFK 106</td>
<td>I Lopez</td>
<td>09/11/15</td>
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<tr>
<td>39016</td>
<td>07:45PM to 09:50PM</td>
<td>TTH</td>
<td>IT 109</td>
<td>Staff</td>
<td>09/11/15</td>
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<tr>
<td>39006</td>
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<td>09/11/15</td>
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<tr>
<td>39009</td>
<td></td>
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<td>ONLINE</td>
<td>R Prior</td>
<td>09/11/15</td>
</tr>
<tr>
<td>39017</td>
<td>12:45PM to 02:10PM</td>
<td>MW</td>
<td>ATEC 119</td>
<td>Staff</td>
<td>09/11/15</td>
</tr>
<tr>
<td>37027</td>
<td>02:30PM to 03:55PM</td>
<td>MW</td>
<td>WEQ W6</td>
<td>D Garrelton</td>
<td>09/11/15</td>
</tr>
</tbody>
</table>

### EVENING

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Last day to add</th>
</tr>
</thead>
<tbody>
<tr>
<td>39018</td>
<td>06:30PM to 07:55PM</td>
<td>TTH</td>
<td>WEQ W5</td>
<td>K Helmick</td>
<td>09/11/15</td>
</tr>
</tbody>
</table>

**WARNING!**

REGISTRATION WILL BE BLOCKED IF YOU HAVE NOT MET THE PREREQUISITE!
MAT-64 PRE-ALGEBRA 3.00 UNITS
Designed as a transition from arithmetic to elementary algebra.
PREREQUISITE: MAT-63 or 90C.
39022 04:15PM 05:40PM MW IT 101 Staff
Last day to add: 09/11/15

MAT-65 ARITHMETIC & PRE-ALGEBRA 5.00 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.
PREREQUISITE: None.
39024 08:15AM 09:25AM MTWTH ATEC 211 Staff
Last day to add: 09/11/15

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 10/22 to 10/24 and another day between 12/08 and 12/10.

MAT-64 PRE-ALGEBRA 3.00 UNITS

PREREQUISITE: MAT-63 or 90C.
39029 09:40AM 12:10PM TTH ATEC 204 K Sadatmand
Last day to add: 09/11/15

39025 10:30AM 12:05PM MWF ATEC 204 J Frewing
Last day to add: 09/11/15

39028 10:30AM 12:05PM MWF WEQ W5 S Hashemi
Last day to add: 09/11/15

39026 12:45PM 02:20PM MWF ATEC 204 J Frewing
Last day to add: 09/11/15

37022 12:45PM 02:20PM MWF ATEC 210 J Frewing
Last day to add: 09/11/15

37023 08:45AM 10:20AM MWF ATEC 210 S Hashemi
Last day to add: 09/11/15

39027 06:00PM 08:30PM TTH ATEC 204 Staff
Last day to add: 09/11/15

39025 10:30AM 12:05PM MWF ATEC 204 J Frewing
Last day to add: 09/11/15

37020 06:00PM 08:30PM MW WEQ W4 N Duong
Last day to add: 09/11/15

37022 12:45PM 02:20PM MWF ATEC 210 J Frewing
Last day to add: 09/11/15

37023 08:45AM 10:20AM MWF ATEC 210 S Hashemi
Last day to add: 09/11/15

39027 06:00PM 08:30PM TTH ATEC 204 Staff
Last day to add: 09/11/15

MAT-65 ARITHMETIC & PRE-ALGEBRA 5.00 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.
PREREQUISITE: None.
39024 08:15AM 09:25AM MTWTH ATEC 211 Staff
Last day to add: 09/11/15

The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

MAT-65 ARITHMETIC & PRE-ALGEBRA 5.00 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.
PREREQUISITE: None.
39024 08:15AM 09:25AM MTWTH ATEC 211 Staff
Last day to add: 09/11/15

37023 08:45AM 10:20AM MWF ATEC 210 S Hashemi
Last day to add: 09/11/15

39029 09:40AM 12:10PM TTH ATEC 204 K Sadatmand
Last day to add: 09/11/15

39025 10:30AM 12:05PM MWF ATEC 204 J Frewing
Last day to add: 09/11/15

39028 10:30AM 12:05PM MWF WEQ W5 S Hashemi
Last day to add: 09/11/15

39026 12:45PM 02:20PM MWF ATEC 204 J Frewing
Last day to add: 09/11/15

37022 12:45PM 02:20PM MWF ATEC 210 J Frewing
Last day to add: 09/11/15

37023 08:45AM 10:20AM MWF ATEC 210 S Hashemi
Last day to add: 09/11/15

39027 06:00PM 08:30PM TTH ATEC 204 Staff
Last day to add: 09/11/15

37020 06:00PM 08:30PM MW WEQ W4 N Duong
Last day to add: 09/11/15

37022 12:45PM 02:20PM MWF ATEC 210 J Frewing
Last day to add: 09/11/15

37023 08:45AM 10:20AM MWF ATEC 210 S Hashemi
Last day to add: 09/11/15

39027 06:00PM 08:30PM TTH ATEC 204 Staff
Last day to add: 09/11/15

The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

MAT-65 ARITHMETIC & PRE-ALGEBRA 5.00 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.
PREREQUISITE: None.
39024 08:15AM 09:25AM MTWTH ATEC 211 Staff
Last day to add: 09/11/15

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 10/22 to 10/24 and another day between 12/08 and 12/10.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIC-1</td>
<td>MICROBIOLOGY</td>
<td>4.00</td>
<td>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.</td>
</tr>
<tr>
<td>39030</td>
<td>08:45AM 10:10AM MW ST 203 M Gutierrez 10:30AM 11:55AM MW ST 203</td>
<td></td>
<td>The above section is a web-enhanced class. Internet access is required.</td>
</tr>
</tbody>
</table>

**MUSIC**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS-3</td>
<td>MUSIC FUNDAMENTALS</td>
<td>4.00</td>
<td>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.</td>
</tr>
<tr>
<td>39044</td>
<td>08:15AM 09:05AM MW HUM 101 K Kamerin 09:25AM 10:15AM MW HUM 101</td>
<td></td>
<td>The above section is a web-enhanced class. Internet access is required.</td>
</tr>
</tbody>
</table>

**MUS-19** MUSIC APPRECIATION 3.00 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.

| 39042      | 11:15AM 12:40PM TTH ATEC 114 E Koester |       | The above section is a web-enhanced class. Internet access is required. |

**MUS-23** HISTORY OF ROCK AND ROLL 3.00 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.

| 39043      | 12:45PM 02:10PM MW THTR 101 A Tabor |       | The above section is a web-enhanced class. Internet access is required. |

**MUS-30** CLASS VOICE 1.00 UNITS Group study of vocal production, voice technique, diction and interpretation. PREREQUISITE: None.

| 37048      | 11:10AM 12:35PM TTH THTR 204 A Phiri |       | |

**MUS-32A** CLASS PIANO I 1.00 UNITS Beginning course in developing the skills needed for performing on piano, including reading from music notation. PREREQUISITE: None.

| 39045      | 12:45PM 02:10PM MW HUM 101 N Pirozzi |       | Last day to add: 09/11/15 |

**MUS-32B** CLASS PIANO II 1.00 UNITS 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.

| 39046      | 02:30PM 03:55PM MW HUM 101 N Pirozzi |       | Last day to add: 09/11/15 |

**MUS-32C** CLASS PIANO III 1.00 UNITS 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.

| 39047      | 02:30PM 03:55PM MW HUM 101 N Pirozzi |       | Last day to add: 09/11/15 |

**MUS-37** CLASS GUITAR 1.00 UNITS Fundamentals of guitar performance and basic musicianship. PREREQUISITE: None.

**MUS-38** BEGINNING APPLIED MUSIC I 2.00 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.

| 39049      | TBA THTR 204 K Kamerin |       | Last day to add: 09/22/15 |

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, September 3rd 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 4th. 12 hours of lessons and 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.kamerin@norcocollege.edu or call 951-738-7703.

Get important textbook information, including ISBN numbers and pricing, and reserve for in-store pickup or delivery to your home! [www.norcocollegebookstore.com](http://www.norcocollegebookstore.com)
### MUS-39 APPLIED MUSIC I  3.00 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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Day/Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>37049</td>
<td>TBA</td>
<td>K Kamerin</td>
<td></td>
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</tr>
</tbody>
</table>

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, September 3rd 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 4th. 18 hours of lessons and requirement performance times are to be arranged with your instructor. In addition, students are required to practice in the Norco music practice facilities for 9 hours each week. For additional information, please email kim.kamerin@norcocollege.edu or call 951-738-7703.

### MUS-65 BASIC MUSICIANSHIP  2.00 UNITS
An introduction to the basic knowledge and skills necessary to develop the ability to read music.  
**PREREQUISITE:** None

<table>
<thead>
<tr>
<th>CRN</th>
<th>Day/Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>39050</td>
<td>09:40AM 10:30AM</td>
<td>T</td>
<td>HUM 101</td>
<td>Staff</td>
</tr>
<tr>
<td></td>
<td>09:40AM 10:45AM</td>
<td>TH</td>
<td>HUM 101</td>
<td></td>
</tr>
</tbody>
</table>

### MUS-89 MUSIC OF MULTICULTURAL AMERICA  3.00 UNITS
A comparative and integrative study of the multicultural musical styles of the United States.  
**PREREQUISITE:** None.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Day/Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Notes</th>
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<tbody>
<tr>
<td>39051</td>
<td>ONLINE</td>
<td>I Zubizarreta</td>
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</table>

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

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<tr>
<th>CRN</th>
<th>Day/Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>37047</td>
<td>08:00AM 09:25AM</td>
<td>TTH</td>
<td>STEM 125</td>
<td>K Kamerin</td>
</tr>
</tbody>
</table>

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

### PHILOSPHY

### PHI-10 INTRO TO PHILOSOPHY  3.00 UNITS
Introduction to the major questions of Western philosophy and their answers.  
**PREREQUISITE:** None.  
**ADVISORY:** ENG-50 or 80.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Day/Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>39053</td>
<td>08:00AM 09:25AM</td>
<td>TTH</td>
<td>HUM 102</td>
<td>C Booher</td>
</tr>
</tbody>
</table>

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

### MUS-89H HONORS MUSIC MULTICULTUR AMER  3.00 UNITS
An Honors class that offers a comparative and integrative study of the multicultural musical styles of the United States.  
**PREREQUISITE:** None.  
**LIMITATION ON ENROLLMENT:** Enrollment in the Honors Program.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Day/Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>37047</td>
<td>08:00AM 09:25AM</td>
<td>TTH</td>
<td>STEM 125</td>
<td>K Kamerin</td>
</tr>
</tbody>
</table>

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

### PHI-11 CRITICAL THINKING  3.00 UNITS
Introduction to critical thinking as it relates to everyday experience and general knowledge.  
**PREREQUISITE:** None.  
**ADVISORY:** REA-82.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Day/Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>39059</td>
<td>10:30AM 11:55AM</td>
<td>MW</td>
<td>LIBR 108</td>
<td>L Montes</td>
</tr>
</tbody>
</table>

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

### PHI-12 ETHICS: CONTEMP MORAL ISSUES  3.00 UNITS
An examination of contemporary moral problems in light of ethical theory.  
**PREREQUISITE:** None.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Day/Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>39062</td>
<td>12:45PM 02:10PM</td>
<td>MW</td>
<td>LIBR 108</td>
<td>L Montes</td>
</tr>
</tbody>
</table>

The above section is a web-enhanced class. Internet access is required.
PHI-32  INTRO SYMBOLIC LOGIC  3.00  UNITS
Principles of deductive reasoning applying modern symbolic techniques.
(Same as MAT-32)
PREREQUISITE: None.
LIMITATION ON ENROLLMENT: May not be taken if credit for MAT-32 has been granted.
37051  02:00PM 03:35PM  TTH ATEC 119  C Booher
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

PHI-35  PHILOSOPHY OF RELIGION  3.00  UNITS
An examination of religious and faith claims from a philosophical perspective. (Same as HUM-35)
PREREQUISITE: None.
ADVISORY: PHI-10 or 10H or 11 and REA-83 and qualification for ENG-1A.
39063  10:30AM 02:35PM  F ATEC 119  N Westbrook
09/04/15 12/11/15
Last day to add: 09/15/15
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

PHYSICAL SCIENCE
PHS-1  INTRO PHYSICAL SCI  3.00  UNITS
Descriptive survey of the physical sciences: astronomy, geology, physics, chemistry as they relate to daily living.
PREREQUISITE: None.
39064  08:00AM 09:25AM  TTH HUM 201  D Johnson
Last day to add: 09/11/15

PHYSICS
PHY-4A  MECHANICS  4.00  UNITS
The study of the relationships among force, matter, and motion.
PREREQUISITE: None.
COREQUISITE: MAT-1A.
37085  08:45AM 10:10AM  MW HUM 201  P Tran
01:00PM 04:10PM  W HUM 201
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

PHY-4C  HEAT, LIGHT AND WAVES  4.00  UNITS
The study of waves, thermodynamics, geometric and physical optics, and fluid mechanics.
PREREQUISITE: PHY-4A.
COREQUISITE: MAT-1B.
39070  10:30AM 11:55AM  MW HUM 201  P Tran
01:00PM 04:10PM  M HUM 201
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

POLITICAL SCIENCE
POL-1  AMERICAN POLITICS  3.00  UNITS
The principles, institutions, policies, and critical issues in American politics.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
39083  08:00AM 09:25AM  TTH IT 122  D Synodinos
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

37017  08:45AM 10:10AM  MW IT 122  Staff
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

39072  10:30AM 11:55AM  MW IT 122  Staff
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

39071  11:15AM 12:40PM  TTH IT 122  Staff
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

39080  12:45PM 02:10PM  MW IT 122  Staff
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

39073  02:00PM 03:25PM  TTH IT 122  Staff
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

39076  04:15PM 05:40PM  MW IT 122  R Brown
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

39081  04:15PM 05:40PM  TTH JFK 104  R Madrid
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.
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The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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

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PSYCHOLOGY

PSY-1 GENERAL PSYCH 3.00 UNITS
Survey of scientific study of behavior and mental processes, including learning, emotion, motivation, emotional problems and therapy.
PREREQUISITE: None.

39066 08:00AM 09:25AM T IT 117 L Adams Last day to add: 09/11/15
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

39088 08:00AM 09:25AM TH IT 117 L Adams Last day to add: 09/11/15
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

39094 09:40AM 11:05AM TTH WEQ W6 T Guild Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

39087 10:30AM 11:55AM MW WEQ W6 R Alcaraz Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

39089 11:15AM 12:40PM TTH WEQ W5 T Guild Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

37030 11:15AM 02:50PM F IT 122 K Norton 09/04/15 12/11/15
Last day to add: 09/15/15
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

PSY-2 BIOLOGICAL PSYCH 3.00 UNITS
A scientific study of the biological determinants of behavior and cognition.
PREREQUISITE: PSY-1.

39095 07:10AM 08:35AM MW IT 117 L Adams Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

PSY-8 INTRO TO SOCIAL PSYCHOLOGY 3.00 UNITS
The study of individual human behavior in relation to the social environment.
PREREQUISITE: None.

39099 09:40AM 11:05AM TTH IT 101 L Krajewski Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

PSY-9 DEVELOPMENTAL PSYCH 3.00 UNITS
A survey of biological, cognitive and psychosocial development throughout the human life cycle from conception to death.
PREREQUISITE: None.

39101 07:00AM 11:05AM F ATEC 211 K Norton 09/04/15 12/11/15
Last day to add: 09/15/15
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

39100 08:45AM 10:10AM MW IT 101 J Zeeb Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

39102 12:45PM 02:10PM MW ATEC 114 J Zeeb Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

39103 04:15PM 05:40PM MW ATEC 119 B Adams Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.
NOTE: REGISTRATION WILL BE BLOCKED IF YOU HAVE NOT MET THE PREREQUISITE!
REAL ESTATE

RLE-80  REAL ESTATE PRINCIPLES  3.00 UNITS
Fundamental course covering the basic laws, principles and terminology of California real estate practice.
PREREQUISITE: None.
39117  04:15PM 05:40PM  M  IT 209  T Wagner
Last day to add: 09/11/15
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

ONLINE
39115  08/31/15 10/23/15  ON LINE  T Wagner
Last day to add: 09/08/15
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.

RLE-81  REAL ESTATE PRACTICE  3.00 UNITS
Daily operations in real estate brokerage. Applies toward educational requirements for broker's examination.
PREREQUISITE: None.

ONLINE
39118  08/31/15 10/23/15  ON LINE  T Wagner
Last day to add: 09/08/15
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.

RLE-82  LEGL ASPECT RL ESTAT  3.00 UNITS
California real estate law as it applies to acquisition, ownership, trust deeds, transfers, foreclosure and probate.
PREREQUISITE: None.

ONLINE
39120  08/31/15 10/23/15  ON LINE  T Wagner
Last day to add: 09/08/15
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.

RLE-83  REAL ESTATE FINANCE  3.00 UNITS
Analysis of real estate finance in residential, apartment, commercial and special purpose properties.
PREREQUISITE: None.

ONLINE
39121  08/31/15 10/23/15  ON LINE  T Wagner
Last day to add: 09/08/15
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.

SOCIOLOGY

SOC-1  INTRO TO SOCIOLOGY  3.00 UNITS
An introduction to the basic concepts of societal organization.
PREREQUISITE: None.
ADVISORY: ENG-50.

39124  07:10AM 08:35AM  MW  HUM 102  K Andacheh
Last day to add: 09/11/15
39126  08:00AM 09:25AM  TTH  STEM 201  K Andacheh
Last day to add: 09/11/15
39125  08:45AM 10:10AM  MW  HUM 102  K Andacheh
Last day to add: 09/11/15
39130  09:40AM 11:05AM  TTH  STEM 201  K Andacheh
Last day to add: 09/11/15
37058  11:15AM 12:40PM  TTH  STEM 201  K Andacheh
Last day to add: 09/11/15
39129  11:15AM 03:20PM  F  IT 117  R Halili
09/04/15 12/11/15
Last day to add: 09/15/15
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
39128  04:15PM 05:40PM  MW  WEQ W6  E Kazsuk
Last day to add: 09/11/15
39131  04:15PM 05:40PM  TTH  IT 117  M Ysais
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

EVENING
39123  06:00PM 09:10PM  T  IT 101  R Halili
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

WEEKEND
39127  08:00AM 11:35AM  S  STEM 115  A Alvarez
09/05/15 12/05/15
Last day to add: 09/16/15
The above section is a short term class. Please note the start and end dates.
SOC-10  RACE/ETHNIC RELATIONS  3.00 UNITS
An introduction to the theories, dynamics, history and present status of inter-group conflict in the United States.
PREREQUISITE: None.

EVENING
39132  06:00PM 09:10PM  TH  WEQ W4  F Vu
Last day to add: 09/11/15

SOC-12  MARRIAGE FAMILY RELATIONS  3.00 UNITS
Contemporary processes and patterns in marriage and family relations.
PREREQUISITE: None.
ADVISORY: SOC-1 and ENG-50.

EVENING
37057  06:00PM 09:10PM  W  JFK 103  F Vu
Last day to add: 09/11/15

SOC-15  WOMEN AMER SOCIETY  3.00 UNITS
The social implications of the women’s role in American society.
PREREQUISITE: None.

EVENING
39133  02:00PM 03:25PM  TTH  IT 117  M Ysais
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

SOC-20  CRIMINOLOGY  3.00 UNITS
A sociological analysis of crime, criminal law and criminality.
PREREQUISITE: None.

EVENING
39135  06:00PM 09:10PM  M  WEQ W6  E Kazsuk
Last day to add: 09/11/15

SOC-50  RESEARCH METHODS  3.00 UNITS
Examination of the fundamental elements of empirical research and application of qualitative and quantitative research tools.
PREREQUISITE: SOC-1.

EVENING
39136  10:30AM 11:55AM  MW  STEM 125  K Andacheh
Last day to add: 09/11/15

SPANISH

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  5.00 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.

39138  08:00AM 10:05AM  M  LIBR 121  N Guillen
10:15AM 11:05AM  M  LIBR 121
08:00AM 11:10AM  W  LIBR 109
Last day to add: 09/15/15
Designated laboratory hours are included in the meeting times for this class.

39143  08:00AM 02:35PM  F  LIBR 121  O Rios
02:45PM 03:35PM  F  LIBR 121
09/04/15 12/11/15
Last day to add: 09/15/15
The above section is a short term class. Please note the start and end dates. Designated laboratory hours are included in the meeting times for this class.

39140  11:45AM 02:55PM  M  LIBR 109  Staff
11:45AM 01:50PM  W  LIBR 121
02:00PM 02:50PM  W  LIBR 121
Last day to add: 09/11/15
Designated laboratory hours are included in the meeting times for this class.

39141  02:00PM 05:10PM  T  LIBR 109  P Rivera
02:00PM 04:05PM  TH  LIBR 121
04:15PM 05:05PM  TH  LIBR 121
Last day to add: 09/11/15
Designated laboratory hours are included in the meeting times for this class.

39142  02:00PM 04:05PM  T  LIBR 121  Staff
04:15PM 05:05PM  T  LIBR 121
02:00PM 05:10PM  TH  LIBR 109
Last day to add: 09/11/15
Designated laboratory hours are included in the meeting times for this class.
SPA-2 SPANISH 2 5.00 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.
39146 08:00AM 11:10AM M LIBR 109 D Hitchcock
08:00AM 10:05AM W LIBR 121
10:15AM 11:05AM W LIBR 121
Last day to add: 09/11/15
Designated laboratory hours are included in the meeting times for this class.

SPA-3 SPANISH 3 5.00 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.
39147 08:00AM 11:10AM T LIBR 109 D Hitchcock
08:00AM 10:05AM TH LIBR 121
10:15AM 11:05AM TH LIBR 121
Last day to add: 09/11/15
Designated laboratory hours are included in the meeting times for this class.

SPA-12 LAT AMER CULTURE, CIVILIZATION 3.00 UNITS
Introductory survey of Latin American culture and civilization. Class conducted in English.
PREREQUISITE: None.
37050 11:25AM 12:50PM TTH LIBR 109 P Rivera
Last day to add: 09/11/15

SUPPLY CHAIN TECHNOLOGY

SCT-1 INTRO TO AUTOMATED WAREHOUSING 3.00 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.

SPA-1 LAT AMER CULTURE, CIVILIZATION 3.00 UNITS
Designated laboratory hours are included in the meeting times for this class.

THEATER ARTS

THE-3 INTRO TO THE THEATER 3.00 UNITS
A survey of theatrical styles and forms intended for the general college student.
PREREQUISITE: None.
39150 01:55PM 03:20PM TTH THTR 101 W Stevens
Last day to add: 09/11/15
The above section is a web-enhanced class. Internet access is required.

ONLINE 39149 ON LINE W Stevens
Last day to add: 09/11/15
The above section is an online class. Computer with Internet access required. See www.opencampus.com.

ONLINE 39151 ON LINE W Stevens
Last day to add: 09/08/15
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.

SPANISH PLACEMENT TESTING

The Spanish placement test measures competency levels for those who wish to enroll in Spanish courses but need to determine the appropriate starting level. The results show a recommendation of the appropriate Spanish class. Students can enroll in a level lower than their placement, but not higher.

All Spanish testing for Norco College students is by appointment only. Please visit our online appointment system at:
https://esars.rcc.edu/Norco/Assessment/eSARS.asp
If you need to speak with someone directly, please call the Norco College Assessment Center at (951) 372-7176.
THE-32 THEATER GAMES AND EXERCISES 3.00 UNITS
A beginning class for actors emphasizing the basic principles and techniques of acting through use of theater games and improvisational exercises.
PREREQUISITE: None.

39152 03:25PM 04:30PM T THTR 101 W Stevens
04:30PM 05:55PM TTH THTR 101
03:25PM 04:15PM TH THTR 101
Last day to add: 09/11/15

WORK EXPERIENCE

WKX-200 GENERAL WORK EXPERIENCE 1.00 UNITS
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.

C EVENING
39153 05:00PM 05:50PM T IT 122 A Etchison
Last day to add: 09/11/15

WORK EXPERIENCE

Work Experience is a one-hour per week class which allows students to earn up to 4 units per semester for experience gained through employment or volunteer service. Enroll in a general Work Experience section and you will be placed in your choice of one of the disciplines below.

Units Determination:
General Work Experience (not related to one of the occupational disciplines listed below) is 3 units only.

Occupational Work Experience (one of the disciplines listed below) varies from 1 to 4 units. For every one (1) unit of work experience credit, students must complete 75 hours of paid work or 60 hours of volunteer work during the college semester. No more than 20 hours per week may be applied toward this work requirement. Below is a general guide to help students enroll in the appropriate number of units of work experience.

<table>
<thead>
<tr>
<th>Hours Worked Per Week</th>
<th>Students Should Enroll In:</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-40 (paid)</td>
<td>up to 4 units</td>
</tr>
<tr>
<td>14-19 (paid)</td>
<td>up to 3 units</td>
</tr>
<tr>
<td>9-13 (paid)</td>
<td>up to 2 units</td>
</tr>
<tr>
<td>5-8 (paid)</td>
<td>1 unit</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Accounting</th>
<th>Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration of Justice</td>
<td>Film, Television &amp; Video</td>
</tr>
<tr>
<td>Air Conditioning &amp; Refrigeration</td>
<td>Fire Technology</td>
</tr>
<tr>
<td>Applied Digital Media &amp; Printing</td>
<td>Game Development</td>
</tr>
<tr>
<td>Architecture</td>
<td>Human Services</td>
</tr>
<tr>
<td>Art</td>
<td>Journalism</td>
</tr>
<tr>
<td>Automotive Technology</td>
<td>Machine Shop</td>
</tr>
<tr>
<td>Biotechnology</td>
<td>Management</td>
</tr>
<tr>
<td>Business Administration</td>
<td>Marketing</td>
</tr>
<tr>
<td>Commercial Music</td>
<td>Medical Assisting</td>
</tr>
<tr>
<td>Community Interpretation</td>
<td>Music</td>
</tr>
<tr>
<td>Computer Applications &amp; Office Tech</td>
<td>Nursing</td>
</tr>
<tr>
<td>Computer Information Systems</td>
<td>Paralegal Studies</td>
</tr>
<tr>
<td>Construction Technology</td>
<td>Photography</td>
</tr>
<tr>
<td>Cosmetology</td>
<td>Real Estate</td>
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<tr>
<td>Culinary Arts</td>
<td>Supply Chain Technology</td>
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<tr>
<td>Dental Hygiene</td>
<td>Theater Arts</td>
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<tr>
<td>Dental Technology</td>
<td>Welding</td>
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<tr>
<td>Early Childhood Education</td>
<td></td>
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<tr>
<td>Education</td>
<td></td>
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<tr>
<td>Electronics</td>
<td></td>
</tr>
</tbody>
</table>

SHORT-TERM CLASSES

ACC-1A PRINCIPLES OF ACCOUNTING I 3.00 UNITS
An introduction to accounting principles and procedures. Course geared to accounting and business majors.
PREREQUISITE: None.
ADVISORY: BUS-20.

38558 09:40AM 11:05AM TTH IT 117 P Worsham
08/31/15 10/23/15 Last day to add: 09/07/15
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

C EVENING
38559 06:00PM 09:10PM W JFK 221 Y Kirkpatrick
08/31/15 10/23/15 Last day to add: 09/06/15
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

C ONLINE
38561 10/26/15 12/17/15 Last day to add: 11/03/15
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.

ACC-1B PRINCIPLES OF ACCOUNTING II 3.00 UNITS
A study of managerial accounting principles and information systems.
PREREQUISITE: ACC-1A.

38566 09:40AM 11:05AM TTH IT 117 P Worsham
10/26/15 12/17/15 Last day to add: 10/31/15
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

C EVENING
38563 06:00PM 09:10PM W JFK 221 Y Kirkpatrick
10/26/15 12/17/15 Last day to add: 11/01/15
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

C ONLINE
38565 10/26/15 12/17/15 Last day to add: 11/03/15
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.

ACC-62 PAYROLL ACCOUNTING 3.00 UNITS
Studies accounting for payroll and aspects of social security, unemployment, and workers compensation, utilizing microcomputer applications.
PREREQUISITE: ACC-1A or 55.

C ONLINE
38568 10/26/15 12/17/15 Last day to add: 11/03/15
The above section is an online class. Computer with Internet access required. See www.opencampus.com.
ANT-1 PHYSICAL ANTHROPOLOGY 3.00 UNITS
Examination of human biological evolution and physical diversity, incorporating genetics, primates, fossils, and relationship to the animal world.
PREREQUISITE: None.
38578 07:00AM 11:05AM  F  HUM 111  D Cheetham  09/04/15 12/11/15 Last day to add: 09/15/15
The above section is a web-enhanced class. Internet access is required.

ART-6 ART APPRECIATION 3.00 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.

BUS-10 INTRO TO BUSINESS 3.00 UNITS
Considers scope, function and organization of business, including principles and practices, with an integrated global perspective.
PREREQUISITE: None.

BUS-20 BUSINESS MATH 3.00 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.

BUS-47 APPLIED BUS, MGMT ETHICS 3.00 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.

BUS-80 PRINCIPLES OF LOGISTICS 3.00 UNITS
Introduction to the field of logistics and the methods for improving product distribution effectiveness.
PREREQUISITE: None.

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.

BUS-83 CONTRACTS 1.50 UNITS
An analysis of considerations involved in the drafting and negotiation of freight and logistics contracts.
PREREQUISITE: None.

BUS-87 PURCHASING AND SUPPLY MGMT 3.00 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.
COM-12 Intercultural Communication 3.00 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.

COM-1 Public Speaking 3.00 Units
Prepare, present and evaluate a variety of speeches.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.

COM-9 Interpersonal Communication 3.00 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.

MUC-6 Sound Design II 3.00 Units
Building on the technologies discussed in Sound Design I, this course allows the student to actively implement, design, and control the audio assets in a game or multimedia project.
PREREQUISITE: MUC-5 and CIS/CSC-5.

CIS-1A Intro to Comp Info Sys 3.00 Units
Introduction to computer concepts, theory and computer applications. Functions and capabilities of word processors, spreadsheets, databases, presentation graphics and the Internet are covered through lecture, discussion and hands-on computer assignments.
PREREQUISITE: None.

ELE-13 AC Electronics 4.00 Units
Alternating Current (AC) theory, devices, circuits, applications, calculations and measurements of various parameters.
PREREQUISITE: ELE-10 or 11 or 21 or 23.

ENE-30 Computer Aided Drafting 3.00 Units
Two-dimensional computer-aided drafting, using AUTOCAD.
PREREQUISITE: None.
ADVISORY: CIS-1A.

DAN-6 Dance Appreciation 3.00 Units
An examination of the underlying theoretical principles of developmentally appropriate practices as they apply to various aspects of early childhood education.
PREREQUISITE: None.

EAR-28 Principles/Practices 3.00 Units
An examination of the underlying theoretical principles of developmentally appropriate practices as they apply to various aspects of early childhood education.
PREREQUISITE: None.
ENG-1A  ENGLISH COMPOSITION  4.00 UNITS
Teaches college-level critical reading, academic writing, and research skills.
PREREQUISITE: ENG-50 or 80 or qualifying placement level.

ONLINE
37021  ON LINE  M Bader
08/31/15 10/23/15  Last day to add: 09/08/15
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.

ENG-1B  CRITICAL THINKING/Writing  4.00 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.

ONLINE
37024  ON LINE  S Tschetter
10/26/15 12/17/15  Last day to add: 11/03/15
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.

ENG-60A  ENGL FUND: SENT TO PARAGRAPH  4.00 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.

38801 08:00AM 10:50AM  MWF  IT  110  D Mills
12:00PM 12:50PM  MW  IT  121
08/31/15 10/23/15  Last day to add: 09/16/15
Designated laboratory hours are included in the meeting times for this class.

ENG-60B  ENGL FUND: PARAGRAPH TO ESSAY  4.00 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.

38820 08:00AM 11:05AM  MWF  IT  110  D Mills
12:00PM 12:50PM  MW  IT  121
10/26/15 12/11/15  Last day to add: 11/06/15
Designated laboratory hours are included in the meeting times for this class.

GAM-24  VIDEO GAME PROTOTYPING  4.00 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.

38836 08:00AM 12:15PM  F  IT  202  T Pryor
12:25PM 04:40PM  F  IT  202
09/04/15 12/11/15  Last day to add: 09/15/15
The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this class.

GAM-70  COMPUTER SKILLS FOR GAME ART  1.00 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.
COREQUISITE: GAM-31 OR 42.

38852 TBA  LIBR LRC  M Chapman
08/31/15 10/23/15  Last day to add: 09/11/15
The above section is an individually paced web-enhanced class and has 24 hours of instruction to be arranged. Internet access is required. All students must attend one mandatory orientation session with the instructor in room LIBR LRC. Students who are enrolled will be contacted via official student e-mail with a schedule of orientation dates during the first week of the semester.
GUI-45  INTRODUCTION TO COLLEGE  1.00 UNITS
Introduction to programs, resources and personal factors that contribute to college success.
PREREQUISITE: None.

37002  11:15AM 12:05PM  F  IT  125  S Sattar
09/04/15 12/11/15  Last day to add: 09/15/15

38865  11:20AM 12:10PM  TTH  LIBR 121  R Smith
09/01/15 10/22/15  Last day to add: 09/07/15
The above section is designed with special emphasis on African American culture and requires concurrent enrollment in ENG-60A-38810 and ENG-60B-38818. See the T3P counselor prior to enrolling.

37004  03:35PM 04:50PM  T  IT  109  M Iliscupidez
09/01/15 11/17/15  Last day to add: 09/12/15

GUI-46  INTRO TRANSFER PROCESS  1.00 UNITS
Survey of transfer requirements with hands-on activities through the application process for students transferring to four-year institutions.
PREREQUISITE: None.

38866  12:15PM 01:20PM  MW  ATEC 118  M Iliscupidez
08/31/15 10/21/15  Last day to add: 09/06/15

GUI-47  CAREER EXPLOR/LIFE PLANNING  3.00 UNITS
Designed to assist those students considering the transition of a career change or undecided about the selection of a college major.
PREREQUISITE: None.

38874  11:15AM 03:20PM  F  IT  106  R Smith
09/04/15 12/11/15  Last day to add: 09/15/15

GUI-48  COLLEGE SUCCESS STRAT  2.00 UNITS
Exploration of various learning strategies. Students will identify their own learning styles and utilize that information to succeed in college.
PREREQUISITE: None.

37006  08:00AM 10:30AM  F  IT  106  M Maness
09/04/15 12/11/15  Last day to add: 09/15/15

38875  12:30PM 01:50PM  MW  IT  109  D Payan
08/31/15 11/18/15  Last day to add: 09/13/15
The above section is a web-enhanced class that is designed for students in the Puente Program. Internet access is required. See the Puente counselor prior to enrolling.

HIS-6  POL SOC HIST OF US  3.00 UNITS
A history of the United States from Colonial time to 1877.
PREREQUISITE: None.

ADVISORY: REA-83 and qualification for ENG-1A.

38890  07:00AM 11:05AM  F  HUM 103  Staff
09/04/15 12/11/15  Last day to add: 09/15/15
The above section is a web-enhanced class. Internet access is required.

WEEKEND

38895  08:00AM 11:35AM  S  HUM 103  M Hickerson
09/05/15 12/09/15  Last day to add: 09/16/15

HUM-10  WORLD RELIGIONS  3.00 UNITS
Concepts of major religions including Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity and Islam.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.

38909  10:30AM 02:35PM  F  IT  211  E Heimlich
09/04/15 12/11/15  Last day to add: 09/15/15
The above section is a web-enhanced class. Internet access is required.

HUM-35  PHILOSOPHY OF RELIGION  3.00 UNITS
An explanation of religious and faith claims from philosophical perspective. (Same as PHI-35)
PREREQUISITE: None.
ADVISORY: PHI-10 or 10H or 11 and REA-83 and qualification for ENG-1A.

38913  10:30AM 02:35PM  F  ATEC 119  N Westbrook
09/04/15 12/11/15  Last day to add: 09/15/15
The above section is a web-enhanced class. Internet access is required.

ILA-1  INTRODUCTION TO TUTOR TRAINING  1.00 UNITS
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.

38914  09:30AM 11:35AM  F  LIBR 110  R Prior
09/04/15 10/23/15  Last day to add: 09/08/15

KIN-38  STRESS MANAGEMENT  3.00 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.

38928  09:30AM 11:20AM  MW  WEQ  W3  B Wimer
11:30AM 12:35PM  MW  WEQ  W2
08/31/15 11/11/15  Last day to add: 09/13/15

38929  12:45PM 02:35PM  MW  WEQ  W3  B Wimer
02:45PM 03:50PM  MW  WEQ  W2
08/31/15 11/11/15  Last day to add: 09/13/15

LIB-1  INTRO INFORMATION LITERACY  1.00 UNITS
Presents the fundamentals of the effective use of library resources to find, evaluate, interpret, and organize information from a variety of formats.
PREREQUISITE: None.

38941  03:00PM 04:05PM  TH  IT  202  S Seifried
09/03/15 10/22/15  Last day to add: 09/07/15
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

38942  03:00PM 04:05PM  TH  IT  202  S Seifried
10/29/15 12/17/15  Last day to add: 11/02/15
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAG-44</td>
<td>PRINCIPLES OF MANAGEMENT</td>
<td>3.00</td>
<td>An overview of the concepts, processes and techniques of organizational management.</td>
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<td></td>
<td></td>
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<td>PREREQUISITE: None.</td>
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<td>[Online] 38943 ON LINE G Zwart 08/31/15 10/23/15 Last day to add: 09/08/15</td>
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<td>The above section is an online class. Computer with Internet access required. See <a href="http://www.opencampus.com">www.opencampus.com</a>.</td>
</tr>
</tbody>
</table>

| MAG-47     | APPLIED BUS, MGMT ETHICS                 | 3.00  | 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.                                                          |
|            |                                          |       | [Online] 38945 ON LINE A Riker 10/26/15 12/17/15 Last day to add: 11/03/15   |
|            |                                          |       | The above section is an online class. Computer with Internet access required. See www.opencampus.com. |

| MAG-53     | HUMAN RELATIONS                          | 3.00  | Practical application of basic psychology in building better employer-employee relationships. |
|            |                                          |       | PREREQUISITE: None.                                                          |
|            |                                          |       | [Online] 38948 ON LINE G Zwart 10/26/15 12/17/15 Last day to add: 11/03/15   |
|            |                                          |       | The above section is an online class. Computer with Internet access required. See www.opencampus.com. |

| MAN-35     | COMP AIDED MANUF-MASTERCAM               | 5.00  | Provides students with the knowledge and skills to program machining operations using MasterCam software on turning centers and milling machines. |
|            |                                          |       | PREREQUISITE: None.                                                          |
|            |                                          |       | ADVISORY: CIS-1A.                                                           |
|            |                                          |       | 38949 08:00AM 10:50AM MTWTHF CACT 2 K Wils 10:50AM 12:00PM MTWTHF CACT 2 01:00PM 04:30PM MWF CACT 3 01:00PM 01:50PM TTH CACT 2 11/11/15 12/11/15 Last day to add: 11/17/15 |

| MAN-57     | CNC PROGRAM WRITING                      | 3.00  | Introduction to manual CNC program writing including hands-on experience with CNC machine tools. (Same as MAC-57) |
|            |                                          |       | PREREQUISITE: None.                                                          |
|            |                                          |       | 38951 08:00AM 10:25AM MTWTHF CACT 2 P Van Hulle 10:25AM 12:00PM MTWTHF CACT 2 01:00PM 05:30PM MWF CACT 2 01:00PM 01:50PM TTH CACT 2 09/23/15 10/13/15 Last day to add: 09/24/15 |

| MAN-60     | HYDRAULIC/PNEUMATIC SYSTEMS              | 3.00  | Overview of basic pressurized fluid systems in engineering, manufacturing, robotic and industrial equipment systems are presented. |
|            |                                          |       | PREREQUISITE: None.                                                          |
|            |                                          |       | ADVISORY: ENE-60 or MAT-52.                                                  |
|            |                                          |       | 37069 08:00AM 09:50AM MTWTHF IT 124 T Childers 09:50AM 12:00PM MTWTHF IT 124 01:00PM 02:10PM MTWTHF IT 124 11/16/15 12/14/15 Last day to add: 11/18/15 |

| MAN-64     | PROGRAMMABLE LOGIC CONTR                 | 3.00  | 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.                                                      |
|            |                                          |       | 37068 08:00AM 10:05AM MTWTHF IT 124 K Rad 10:05AM 11:55AM MTWTHF IT 124 01:00PM 02:10PM MTWTHF IT 124 08/31/15 09/22/15 Last day to add: 09/02/15 |

| PHI-35     | PHILOSOPHY OF RELIGION                   | 3.00  | An examination of religious and faith claims from a philosophical perspective. (Same as HUM-35) |
|            |                                          |       | PREREQUISITE: None.                                                          |
|            |                                          |       | ADVISORY: PHI-10 or 10H or 11 and REA-83 and qualification for ENG-1A.       |
|            |                                          |       | 39063 10:30AM 02:35PM F ATEC 119 N Westbrook 09/04/15 12/11/15 Last day to add: 09/15/15 |
|            |                                          |       | The above section is a web-enhanced class. Internet access is required.       |

| PSY-1      | GENERAL PSYCH                            | 3.00  | Survey of scientific study of behavior and mental processes, including learning, emotion, motivation, emotional problems and therapy. |
|            |                                          |       | PREREQUISITE: None.                                                          |
|            |                                          |       | 37030 11:15AM 02:50PM F IT 122 K Norton 09/04/15 12/11/15 Last day to add: 09/15/15 |
|            |                                          |       | The above section is a web-enhanced class. Internet access is required.       |

| PSY-9      | DEVELOPMENTAL PSYCH                      | 3.00  | A survey of biological, cognitive and psychosocial development throughout the human life cycle from conception to death. |
|            |                                          |       | PREREQUISITE: None.                                                          |
|            |                                          |       | 39101 07:00AM 11:05AM F ATEC 211 K Norton 09/04/15 12/11/15 Last day to add: 09/15/15 |
|            |                                          |       | The above section is a web-enhanced class. Internet access is required.       |

| WEEKEND    |                                         |       | **WEEKEND**                                                                  |
|            |                                         |       | 39104 08:00AM 11:35AM S ATEC 114 B Adams 09/05/15 12/05/15 Last day to add: 09/16/15 |
|            |                                         |       | The above section is a web-enhanced class. Internet access is required.       |
REA-83  COLLEGE READING AND THINKING  3.00 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.
39113  02:30PM 06:35PM  F  LIBR 110  M Adebayo-Ige
09/04/15 12/11/15  Last day to add: 09/15/15

RLE-80  REAL ESTATE PRINCIPLES  3.00 UNITS
Fundamental course covering the basic laws, principles and terminology of
California real estate practice.
PREREQUISITE: None.

RLE-81  REAL ESTATE PRACTICE  3.00 UNITS
Daily operations in real estate brokerage. Applies toward educational
requirements for broker's examination.
PREREQUISITE: None.

RLE-82  LEGL ASPECT RL ESTAT  3.00 UNITS
California real estate law as it applies to acquisition, ownership, trust
deeds, transfers, foreclosure and probate.
PREREQUISITE: None.

RLE-83  REAL ESTATE FINANCE  3.00 UNITS
Analysis of real estate finance in residential, apartment, commercial and
special purpose properties.
PREREQUISITE: None.

SOC-1  INTRO TO SOCIOLOGY  3.00 UNITS
An introduction to the basic concepts of societal organization.
ADVISORY: ENG-50.
39129  11:15AM 03:20PM  F  IT 117  R Halili
09/04/15 12/11/15  Last day to add: 09/15/15
The above section is a web-enhanced class. Internet access is required.

SPA-1  SPANISH 1  5.00 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.
39143  08:00AM 02:35PM  F  LIBR 121  O Rios
02:45PM 03:35PM  F  LIBR 121
09/04/15 12/11/15  Last day to add: 09/15/15
Designated laboratory hours are included in the meeting times for this
class.

THE-3  INTRO TO THE THEATER  3.00 UNITS
A survey of theatrical styles and forms intended for the general college
student.
PREREQUISITE: None.

SPA-1  SPANISH 1  5.00 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.
39143  08:00AM 02:35PM  F  LIBR 121  O Rios
02:45PM 03:35PM  F  LIBR 121
09/04/15 12/11/15  Last day to add: 09/15/15
Designated laboratory hours are included in the meeting times for this
class.

THE-3  INTRO TO THE THEATER  3.00 UNITS
A survey of theatrical styles and forms intended for the general college
student.
PREREQUISITE: None.
California State University General Education Requirements 2015-2016

The courses listed below will fulfill the lower division general education requirements for all CSU campuses. It is recommended that all student with a goal of transfer to a 4-year university develop a Student Educational Plan (SEP). A Norco College academic counselor can assist you in developing an SEP for your specific academic goals.

The details of the CSU GE Requirement pattern can be found in the Norco College Catalog.

### Monday & Wednesday - Schedule

<table>
<thead>
<tr>
<th>Start Time</th>
<th>Area A-1</th>
<th>Area A-2</th>
<th>Area A-3</th>
<th>Area B-1</th>
<th>Area B-2</th>
<th>Area B-3</th>
<th>Area B-4</th>
<th>Area C-1</th>
<th>Area C-2</th>
<th>Area D-2</th>
<th>Area E-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:00 AM</td>
<td>COM-9-38693 (D7)</td>
<td>ENG-1A-38759</td>
<td>ENG-1B-38775 (C2)</td>
<td>PHY-2-39005 (we)</td>
<td>MAT-10-38952</td>
<td>MAT-12-38964</td>
<td>MUS-3-39044 (lec)(MW)</td>
<td>SPA-1-39138 (lec)</td>
<td>SPA-2-39146 (lec)</td>
<td>SOC-1-39124</td>
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</tr>
<tr>
<td>08:00 AM</td>
<td>COM-9-38693 (D7)</td>
<td>ENG-1A-38759</td>
<td>ENG-1B-38775 (C2)</td>
<td>PHY-2-39005 (we)</td>
<td>MAT-10-38952</td>
<td>MAT-12-38964</td>
<td>MUS-3-39044 (lec)(MW)</td>
<td>SPA-1-39138 (lec)</td>
<td>SPA-2-39146 (lec)</td>
<td>SOC-1-39124</td>
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<tr>
<td>08:45 AM</td>
<td>COM-1H-37060</td>
<td>ENG-1A-38750 (MW)</td>
<td>CHE-2A-38659 (we-lec)</td>
<td>CHE-2A-38655 (lab)</td>
<td>GEG-1-38854</td>
<td>PHY-4A-37085 (lec)</td>
<td>ANT-1-38877 (we)</td>
<td>BIO-5-38617 (we-lec)</td>
<td>MIC-1-39030 (lec)</td>
<td>MAT-25-37019</td>
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<tr>
<td>09:00 AM</td>
<td>COM-9-38693 (D7)</td>
<td>ENG-1A-38753 (MW)</td>
<td>PHY-11-39059 (we)</td>
<td>CHE-2A-38654 (lec)</td>
<td>CHE-2A-38655 (lec)</td>
<td>GEG-1-38856</td>
<td>PHY-4I-39050 (we-lec)</td>
<td>PHY-4I-39051 (lab)</td>
<td>PHY-5-38617 (we-lec)</td>
<td>MIC-1-39030 (lab)</td>
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<tr>
<td>10:00 AM</td>
<td>COM-1-38063</td>
<td>ENG-1A-38754 (MW)</td>
<td>COM-2-37061</td>
<td>CHE-2A-38649 (we-lec)</td>
<td>PHY-4A-37085 (we-lab)</td>
<td>PHY-4C-39070 (we-lec)</td>
<td>BIO-1-38606 (we-lab)</td>
<td>ART-6-38803</td>
<td>GAM-21-38833 (we)</td>
<td>HUM-10-38904 (we)</td>
<td>MUS-23-39043</td>
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<tr>
<td>10:45 AM</td>
<td>ENG-1A-38757</td>
<td>COM-3-37063</td>
<td>ENG-1B-38782 (C2)</td>
<td>PHY-4A-37085 (we-lab)</td>
<td>PHY-4C-39070 (we-lec)</td>
<td>BIO-11-38613 (we-lec/lab)</td>
<td>BIO-1-38606 (we-lab)</td>
<td>FRI-1-37071 (lec)</td>
<td>HUM-10-38904 (we)</td>
<td>MUS-23-39043</td>
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<tr>
<td>11:00 AM</td>
<td>COM-9-38706 (D7)</td>
<td>ENG-1A-38755</td>
<td>ENG-1B-38770</td>
<td>GEG-1-38858</td>
<td>GEG-1-38856</td>
<td>PHY-11-38661</td>
<td>BIO-11-38613 (we-lec/lab)</td>
<td>ENG-11-37001</td>
<td>HUM-13-38928 (lab)</td>
<td>SOC-1-39124</td>
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<td>12:00 PM</td>
<td>COM-9-38706 (D7)</td>
<td>ENG-1A-38755</td>
<td>ENG-1B-38770</td>
<td>PHY-11-38661</td>
<td>PHY-10-39067</td>
<td>PHY-10-39069</td>
<td>PHY-10-39070 (we)</td>
<td>ENG-11-37001</td>
<td>HUM-13-38930 (lab)</td>
<td>SOC-1-39124</td>
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<tr>
<td>12:30 PM</td>
<td>ENG-1A-38757</td>
<td>COM-3-37063</td>
<td>ENG-1B-38782 (C2)</td>
<td>PHY-11-38661</td>
<td>PHY-10-39067</td>
<td>PHY-10-39069</td>
<td>ENG-11-37001</td>
<td>HUM-13-38930 (lab)</td>
<td>SOC-1-39124</td>
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<tr>
<td>02:00 PM</td>
<td>ENG-1A-38757</td>
<td>COM-3-37063</td>
<td>ENG-1B-38782 (C2)</td>
<td>PHY-11-38661</td>
<td>PHY-10-39067</td>
<td>PHY-10-39069</td>
<td>ENG-11-37001</td>
<td>HUM-13-38930 (lab)</td>
<td>SOC-1-39124</td>
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<td>03:00 PM</td>
<td>COM-9-38706 (D7)</td>
<td>ENG-1A-38755</td>
<td>ENG-1B-38770</td>
<td>PHY-11-38661</td>
<td>PHY-10-39067</td>
<td>PHY-10-39069</td>
<td>ENG-11-37001</td>
<td>HUM-13-38930 (lab)</td>
<td>SOC-1-39124</td>
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<td>04:00 PM</td>
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<td>ENG-1A-38755</td>
<td>ENG-1B-38770</td>
<td>PHY-11-38661</td>
<td>PHY-10-39067</td>
<td>PHY-10-39069</td>
<td>ENG-11-37001</td>
<td>HUM-13-38930 (lab)</td>
<td>SOC-1-39124</td>
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</tbody>
</table>

Excluding GEG & GEG lab and PHY-10/PHY-11; for science courses offered in Area B-1 and B-2, students will be enrolled in the lecture and lab section with the same section number. Courses cannot be double-counted to satisfy more than one area. Golden 4 Courses in Areas A-1, A-2, A-3, and B-4 must be completed with a grade of "C" or better. Although not part of the GE requirement for transfer, 6 semester units of US History, Constitution and Government is a CSU graduation requirement that students may complete at Norco College prior to transfer. HIS-6 or 6H or 7 or 7H or POL-1 or 1H satisfy this requirement.

Courses that may be applied to one of two different areas are listed only in one area, with the second option listed in parenthesis. Courses from offered in special cohorts are not listed here. Please consult the Schedule of Classes for courses offered in CAP, Honors, STEM Scholars, or TIP. Courses subject to cancelation.
The details of the CSU GE Requirement pattern can be found in the Norco College Catalog.

California State University General Education Requirements 2015-2016

The courses listed below will fulfill the lower division general education requirements for all CSU campuses. It is recommended that all student with a goal of transfer to a 4-year university develop a Student Educational Plan (SEP). A Norco College academic counselor can assist you in developing an SEP for your specific academic goals.

Courses subject to cancelation

Golden 4 Courses in Areas A-1, A-2, A-3, and B-4 must be completed with a grade of "C" or better

Courses cannot be double-counted to satisfy more than one area

Excluding GEG & GEG lab and PHY-10/PHY 11, for science courses offered in Area B-1 and B-2, students will be enrolled in the lecture and lab section with the same section number

Although not part of the GE requirement for transfer, 6 semester units of US History, Constitution and Government is a CSU graduation requirement that students may complete at Norco College prior to transfer. HIS-6 or 6H or 7 or 7H or POL-1 or 1H satisfy this requirement.

Courses offered in special cohorts are not listed here. Please consult the Schedule of Classes for courses offered in CAP, Honors, Puente, STEM Scholars, or T3P Courses subject to cancelation

<table>
<thead>
<tr>
<th>Start Time</th>
<th>Area A-1</th>
<th>Area A-2</th>
<th>Area A-3</th>
<th>Area B-1</th>
<th>Area B-2</th>
<th>Area B-3</th>
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<th>Area C-1</th>
<th>Area C-2</th>
<th>Area D</th>
<th>Area E</th>
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<tbody>
<tr>
<td>07:20AM or 08:00AM or 08:15AM or 08:45AM</td>
<td>COM-1-38680 ENGL-1A-38756 CHE-1A-37008 (lab) CHE-1A-38551 (lab-THUR) CHE-1A-38554 (lab-TUE) GEG-1-38855 PHYS-1-39004</td>
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<tr>
<td>09:00AM or 09:40AM</td>
<td>COM-9-38699 (D7) ENGL-1A-38756 CHE-1A-38551 (lab-THUR) CHE-1A-38554 (lab-TUE) GEG-1-38855 PHYS-1-39004</td>
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<td>08:00AM or 08:15AM or 08:45AM</td>
<td>COM-1-38680 ENGL-1A-38756 CHE-1A-38551 (lab-THUR) CHE-1A-38554 (lab-TUE) GEG-1-38855 PHYS-1-39004</td>
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<td>10:05AM or 10:25AM or 11:15AM or 11:25 AM or 11:45AM</td>
<td>COM-1-38680 (we) ENGL-1A-38756 ENG-1B-38783 (C2) PHYS-11-39006</td>
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<td>09:00AM or 09:40AM</td>
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<td>10:05AM or 10:25AM or 11:15AM or 11:25 AM or 11:45AM</td>
<td>COM-1-38680 (we) ENGL-1A-38756 ENG-1B-38783 (C2) PHYS-11-39006</td>
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<tr>
<td>02:00PM or 02:00PM or 02:30PM</td>
<td>ENGL-1A-38756 ENG-1B-38776 (C2) ENGL-1B-38777 (C2) MAT-32-37072 PHYS-32-37051 (we)</td>
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<tr>
<td>3:00 or 4:15PM</td>
<td>ENG-1A-38756 ENG-1B-38776 (C2) ENGL-1B-38777 (C2) MAT-32-37072 PHYS-32-37051 (we)</td>
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<td>5:15PM and beyond</td>
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</tbody>
</table>

Excluding GEG & GEG lab and PHY-10/PHY 11, for science courses offered in Area B-1 and B-2, students will be enrolled in the lecture and lab section with the same section number

Courses subject to cancelation

Golden 4 Courses in Areas A-1, A-2, A-3, and B-4 must be completed with a grade of "C" or better

Although not part of the GE requirement for transfer, 6 semester units of US History, Constitution and Government is a CSU graduation requirement that students may complete at Norco College prior to transfer. HIS-6 or 6H or 7 or 7H or POL-1 or 1H satisfy this requirement.

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### One Class Meeting per week - Schedule

<table>
<thead>
<tr>
<th>Class Meeting</th>
<th>Area A-1</th>
<th>Area A-2</th>
<th>Area A-3</th>
<th>Area B-1</th>
<th>Area B-2</th>
<th>Area B-3</th>
<th>Area B-4</th>
<th>Area C-1</th>
<th>Area C-2</th>
<th>Area D</th>
<th>Area E</th>
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</thead>
<tbody>
<tr>
<td>evening</td>
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<td>or evening</td>
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<tr>
<td>Wednesday afternoon</td>
<td>COM-9-38695</td>
<td>[D7]</td>
<td>GEG-1-38862</td>
<td>ANI-1-38579 (we)</td>
<td>ART-2-3-7036</td>
<td>HIS-7-38902</td>
<td>[D6]</td>
<td>HIS-10-38905</td>
<td>PHI-1-10-39058</td>
<td>ECO-2-38716</td>
<td>SOC-1-39078 (we)</td>
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<td>or evening</td>
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<td>or evening</td>
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<tr>
<td>Friday morning or</td>
<td>COM-1-38586</td>
<td>COM-9-38700</td>
<td>[D7]</td>
<td>ANI-1-38578 (we)</td>
<td>DAN-6-37070</td>
<td>HIS-6-38890</td>
<td>[D6]</td>
<td>HIS-10-38909</td>
<td>HUM-35-38913</td>
<td>PHI-35-39063 (we)</td>
<td>GUI-47-38874</td>
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<tr>
<td>early afternoon</td>
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</tbody>
</table>

- **One Class Meeting per week**
- **Minimum of 9 semester units total**
- **One from each group with a grade of "C" or better**
- **Minimum of 6 semester units total**
- **One science course must have a lab**
- **Minimum of 9 semester units**
- **Minimum at least one course from each area**
- **Minimum of 3 semester units**
- **Minimum of 3 semester units**
- **Minimum of 3 science courses**
- **Minimum of 3 courses from at least two disciplines**

Excluding GEG & GEG Lab and PHY-10/PHY-11; for science courses offered in Area B-1 and B-2, students will be enrolled in the lecture and lab section with the same section number.

Courses cannot be double-counted to satisfy more than one area.

Golden 4 Courses in Areas A-1, A-2, A-3, and B-4 must be completed with a grade of "C" or better.

Although not part of the GE requirement for transfer, 6 semester units of US History, Constitution and Government is a CSU graduation requirement that students may complete at Norco College prior to transfer. HIS-6 or HIS-6H or HIS-7 or HIS-7H or POL-1 or POL-1H satisfy this requirement.

Courses that may be applied to one of two different areas are listed only in one area, with the second option listed in parenthesis.

Course offering in special cohorts are not listed here. Please consult the Schedule of Classes for courses offered in CAP, Honors, Puente, STEM Scholars, or T3P.

Courses subject to cancellation.
The courses listed below will fulfill the lower division general education requirements for all CSU campuses.

It is recommended that all students with a goal of transfer to a 4-year university develop a Student Educational Plan (SEP). A Norco College academic counselor can assist you in developing an SEP for your specific academic goals.

The details of the CSU GE Requirement pattern can be found in the Norco College Catalog.

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Minimum of 3 semester units with a grade of &quot;C&quot; or better</td>
<td>Minimum of 9 semester units total</td>
<td>3 courses from at least two disciplines</td>
<td>Minimum of 9 semester units</td>
<td>3 courses minimum at least one course from each area</td>
<td>Minimum of 9 semester units</td>
<td>3 courses from at least two disciplines</td>
<td>Minimum of 9 semester units</td>
<td>3 courses from at least two disciplines</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
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</thead>
<tbody>
<tr>
<td>Full Term</td>
<td>Minimum of 9 semester units total</td>
<td>One from each group with a grade of &quot;C&quot; or better</td>
<td>Minimum of 6 semester units total</td>
<td>One science course must have a lab</td>
<td>MAT-12-37028</td>
<td>MAT-12-37029</td>
<td>MUS-89-39051</td>
<td>HIS-7-38001 (DG)</td>
<td>HUM-4-37040</td>
<td>HUM-10-38908</td>
</tr>
<tr>
<td>First 8-weeks</td>
<td>ENG-1A-37021</td>
<td>ENG-1B-38778 (C2)</td>
<td>ENG-1B-37021</td>
<td>ENG-1B-38778 (C2)</td>
<td>ENG-1B-38778 (C2)</td>
<td>ENG-1B-38778 (C2)</td>
<td>ENG-1B-38778 (C2)</td>
<td>ENG-1B-38778 (C2)</td>
<td>ENG-1B-38778 (C2)</td>
<td>ENG-1B-38778 (C2)</td>
</tr>
<tr>
<td>Second 8-weeks</td>
<td>ENG-1B-37024 (C2)</td>
<td>ENG-1B-37024 (C2)</td>
<td>ENG-1B-37024 (C2)</td>
<td>ENG-1B-37024 (C2)</td>
<td>ENG-1B-37024 (C2)</td>
<td>ENG-1B-37024 (C2)</td>
<td>ENG-1B-37024 (C2)</td>
<td>ENG-1B-37024 (C2)</td>
<td>ENG-1B-37024 (C2)</td>
<td>ENG-1B-37024 (C2)</td>
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</tbody>
</table>

Excluding GEG & GEG lab and PHY-10/PHY-11; for science courses offered in Area B-1 and B-2, students will be enrolled in the lecture and lab section with the same section number.

Courses cannot be double-counted to satisfy more than one area.

Golden 4 Courses in Areas A-1, A-2, A-3, and B-4 must be completed with a grade of "C" or better.

Although not part of the GE requirement for transfer, 6-semester units of US History, Constitution and Government, is a CSU graduation requirement that students may complete at Norco College prior to transfer. HIS-6 or HIS-7 or HIS-1H or POL-1 or POL-1H satisfy this requirement.

Courses that may be applied to one of two different areas are listed only in one area, with the second option listed in parenthesis.

Course offered in special cohorts are not listed here. Please consult the Schedule of Classes for courses offered in CAP, Honors, Puente, STEM Scholars, or T3P.

Courses subject to cancelation.
### Intersegmental General Education Transfer Curriculum (IGETC) 2015-2016

The courses listed below are those that Norco College is offering during the FALL 2015 term that can fulfill lower division transfer requirements following the IGETC pattern. There are other courses that can fulfill these requirements; for a complete list of options, please see the Norco College Catalog.

Once completed, the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer to a community college to a campus in either the California State University (CSU) or University of California (UC) system generally without the need, after transfer, to take additional lower-division general education courses. Some of the UC campuses do not accept or recommend IGETC for certain majors (e.g., Engineering, Sciences).

It is recommended that all students with the goal of transfer to a 4-year university develop a Student Educational Plan (SEP). A Norco College counselor can assist you in developing a SEP for your specific goals.

### Transfer Students will receive IGETC certification after completing all of the subject areas below with a minimum “C” grade or better.

#### Minimum of 6 - 9 semester units

<table>
<thead>
<tr>
<th>Area 1A</th>
<th>Area 1B</th>
<th>Area 1C</th>
<th>Area 2</th>
<th>Area 3A</th>
<th>Area 3B</th>
<th>Area 4</th>
<th>Area 5A</th>
<th>Area 5B</th>
<th>Area 5C</th>
<th>Area 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>Critical Thinking</td>
<td>Communication</td>
<td>Mathematical Concepts &amp; Quantitative Reasoning</td>
<td>Physical Science</td>
<td>Biological Science</td>
<td>Lab</td>
<td>Language Other Than English</td>
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#### Minimum of 9 semester units

<table>
<thead>
<tr>
<th>Area 3A</th>
<th>Area 3B</th>
<th>Area 4</th>
<th>Area 5A</th>
<th>Area 5B</th>
<th>Area 5C</th>
<th>Area 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Sciences</td>
<td>Social Sciences</td>
<td>Social Sciences</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Start Time</th>
<th>Area 1A</th>
<th>Area 1B</th>
<th>Area 1C</th>
<th>Area 2</th>
<th>Area 3A</th>
<th>Area 3B</th>
<th>Area 4</th>
<th>Area 5A</th>
<th>Area 5B</th>
<th>Area 5C</th>
<th>Area 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:00AM or 08:00AM or 08:15AM</td>
<td>ENG-1A-38759</td>
<td>ENG-1B-38775</td>
<td>COM-9-38693</td>
<td>MAT-10-38852</td>
<td>MAT-12-38964</td>
<td>MUS-3-39044 (MWF)</td>
<td>SPA-2-39146 (A4)(lec)</td>
<td>PSY-2-39095 (SB)</td>
<td>SOC-1-39124</td>
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<tr>
<td>08:45AM</td>
<td>ENG-1A-38750 (MWF)</td>
<td>COM-1H-37060</td>
<td>MAT-25-37019</td>
<td>HS-6-38892 (A4)</td>
<td>HUM-11-38911</td>
<td>ANT-1-38577 (SB)</td>
<td>EAR-20-38716</td>
<td>POL-1-39071</td>
<td>PSY-9-39100</td>
<td>PSY-50-37013 (lec)</td>
<td>SOC-1-39126</td>
</tr>
<tr>
<td>09:00AM or 09:30AM until 10:30AM or 11:15AM or 11:45</td>
<td>ENG-1A-38751 (MWF)</td>
<td>ENG-1A-38753 (MWF)</td>
<td>COM-9-38692</td>
<td>MAT-11-38859</td>
<td>MAT-12-38960</td>
<td>MAT-5-39001</td>
<td>MUS-3-39044 (MWF)</td>
<td>SPA-2-39146 (A4)</td>
<td>SPA-2-39146 (A4)</td>
<td>PSY-50-37011 (lec)</td>
<td>SOC-50-39136</td>
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<td>12:00PM or 12:15PM or 12:45PM or 01:00PM or 1:15PM</td>
<td>ENG-1A-38754 (MWF)</td>
<td>ENG-1B-38782</td>
<td>COM-1C-38683</td>
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<td>HUM-10-38904</td>
<td>PHI-12-39062</td>
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<td>ECO-8-38729</td>
<td>GEG-3-38844</td>
<td>PSY-50-37010 (lec)</td>
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<td>2:00PM or 2:30PM</td>
<td>ENG-1A-38757</td>
<td>ENG-1B-38779</td>
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<td>MAT-11-38954</td>
<td>MAT-12-38963</td>
<td>MAT-5-39000</td>
<td>HUM-18-38912</td>
<td>ANT-8-38988</td>
<td>POL-1-39076</td>
<td>PSY-9-39103</td>
<td>SOC-1-39128</td>
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<tr>
<td>3:00PM or 4:15PM</td>
<td>ENG-1A-38765</td>
<td>ENG-1A-38770</td>
<td>COM-9-37064</td>
<td>MAT-11-38955</td>
<td>MAT-12-38962</td>
<td>MAT-1A-38966</td>
<td>MAT-1A-38966</td>
<td>MAT-18-39019</td>
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<tr>
<td>4:30PM and beyond</td>
<td>ENG-1A-38767</td>
<td>ENG-1A-38771</td>
<td>ENG-1B-38775</td>
<td>MAT-10-38852</td>
<td>MAT-12-38964</td>
<td>MAT-1A-38966</td>
<td>MAT-18-39019</td>
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<td>ANT-1-38577</td>
<td>EAR-20-38716</td>
<td>POL-1-39071</td>
</tr>
</tbody>
</table>

Excluding GEG & GE Lab and PHY-10/PHY-11; for science courses offered in Area 5A and 5B, students will be enrolled in the lecture and lab section with the same section number. Courses cannot be double counted to satisfy more than one area. The only exception to this is several courses in Area 6 which can also be counted towards Area 3B.

Courses that may be applied to one of two different areas are listed only in one area, with the second option listed in parenthesis. Course offered in special cohorts are not listed here. Please consult the Schedule of Classes for courses offered in CAP, Honors, STEM Scholars, or TIP.

CSU ONLY: Although not part of the GE requirement for transfer, 6 semester units of US History, Constitution and Government is a CSU graduation requirement that students may complete at Norco College prior to transfer. HIS-6 or 6H or 7 or 7H and POL-1 or 1H satisfy this requirement.

Courses subject to cancellation.
### Intersegmental General Education Transfer Curriculum (IGETC) 2015-2016

The courses listed below are those that Norco College is offering during the **FALL 2015** term that can fulfill lower division transfer requirements following the IGETC pattern.

Once completed, the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer to a community college to a campus in either the California State University (CSU) or University of California (UC) system generally without the need, after transfer, to take additional lower-division general education courses. Some of the UC campuses do not accept or recommend IGETC for certain majors (i.e., Engineering, Science). It is recommended that all students with the goal of transferring to a 4-year university develop a Student Educational Plan (SEP). A Norco College counselor can assist you in developing a SEP for your specific goals.

Transfer Students will receive IGETC certification after completing all of the subject areas below with a minimum "C" grade or better.

*The complete IGETC pattern can be found in the Norco College Catalog.*

#### Tuesday & Thursday - Schedule

<table>
<thead>
<tr>
<th>Area 1A</th>
<th>Area 1B</th>
<th>Area 1C</th>
<th>Area 2</th>
<th>Area 3A</th>
<th>Area 3B</th>
<th>Area 4</th>
<th>Area 5A</th>
<th>Area 5B</th>
<th>Area 5C</th>
<th>Area 6</th>
<th>Languages Other Than English</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Start Time</strong></td>
<td><strong>Start Time</strong></td>
<td><strong>Start Time</strong></td>
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<td><strong>Start Time</strong></td>
</tr>
<tr>
<td>07:20AM or 07:30AM or 08:00AM or 08:15AM or 08:45AM</td>
<td>ENG-1A-38756 ENG-1A-38763</td>
<td>COM-1-38680 COM-9-38699</td>
<td>MAT-11-38956</td>
<td>ENG-1A-38767 (lab-TUE)</td>
<td>MAT-2-37025</td>
<td>ART-2-38596</td>
<td>MUS-B9H-37047</td>
<td>PHI-10-39063</td>
<td>SPA-3-39147 (A5)(lec)</td>
<td>HIS-6-38891 (A4)</td>
<td>SCI-1-39126</td>
</tr>
<tr>
<td>09:00AM or 09:15AM or 09:30AM or 09:45AM or 10:00AM</td>
<td>ENG-1A-38758 ENG-1A-38762 ENG-1AH-38773</td>
<td>COM-9-38699</td>
<td>MAT-1A-38967 (lec)</td>
<td>MAT-1B-38968 (lec)</td>
<td>MAT-1C-38970</td>
<td>HUM-10-38906</td>
<td>PHI-10-39056</td>
<td>SPA-3-39147 (A6)(lec)</td>
<td>ECO-4-38726</td>
<td>POL-1-39083</td>
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<tr>
<td>10:15AM or 10:30AM or 11:15AM or 11:30AM or 11:45AM</td>
<td>ENG-1B-38775 ENG-1A-38763 ENG-1AH-38773</td>
<td>ENG-18H-38783</td>
<td>COM-1-38685</td>
<td>MAT-1B-38968 (lab-TUE)</td>
<td>MAT-1C-38970</td>
<td>MUS-19-39042</td>
<td>SPA-12-37050</td>
<td>PHI-3-39089</td>
<td>PSY-1-39094</td>
<td>PSY-8-39099</td>
<td>SCI-1-39130</td>
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<td>ENG-1A-38766 ENG-1B-38766 ENG-1B-38766</td>
<td>ENG-18B-38776</td>
<td>ENG-18B-38776</td>
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<td>ENG-18B-38776</td>
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<td>ENG-18B-38776</td>
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<td>ENG-18B-38776</td>
<td>ENG-18B-38776</td>
<td>ENG-18B-38776</td>
<td>ENG-18B-38776</td>
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<td>ENG-18B-38776</td>
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<td>ENG-18B-38776</td>
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<tr>
<td>06:00PM or 07:00PM</td>
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<td>ENG-18B-38776</td>
<td>ENG-18B-38776</td>
<td>ENG-18B-38776</td>
<td>ENG-18B-38776</td>
<td>ENG-18B-38776</td>
<td>ENG-18B-38776</td>
<td>ENG-18B-38776</td>
<td>ENG-18B-38776</td>
<td>ENG-18B-38776</td>
<td>ENG-18B-38776</td>
</tr>
</tbody>
</table>

- Excluding GEG & GEG Lab and PHY-10/PHY-11; for science courses offered in Area 5A and 5B, students will be enrolled in the lecture and lab section with the same section number.
- Courses cannot be double-counted to satisfy more than one area. The only exception to this is several courses in Area 1A which can also be counted towards Area 1B.
- Courses that may be applied to one of two different areas are listed only in one area, with the second option listed in parenthesis.
- Course offered in special cohorts are not listed here. Please consult the Schedule of Classes for courses offered in CAP, Honors, Puente, STEM Scholars, or TIP.
- CSU Only. If not part of the GE requirement for transfer, 6 seminar units of US History, Constitution and Government is a CSU graduation requirement that students may complete at Norco College prior to transfer. HIS-6 or HIS or 2 or HIS or 7 and POL-1 or 1H satisfy this requirement.
- Courses subject to cancellation.
Intersegmental General Education Transfer Curriculum (IGETC) 2015-2016

The courses listed below are those that Norco College is offering during the FALL 2015 term that can fulfill lower division transfer requirements following the IGETC pattern. There are other courses that can fulfill these requirements; for a complete list of options, please see the Norco College Catalog.

The complete IGETC pattern can be found in the Norco College Catalog.

Once completed, the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from a community college to a campus in either the California State University (CSU) or University of California (UC) system generally without the need, after transfer, to take additional lower-division general education courses. Some of the UC campuses do not accept or recommend IGETC for certain majors (i.e. Engineering, Sciences).

It is recommended that all students with the goal of transfer to a 4-year university develop a Student Educational Plan (SEP). A Norco College counselor can assist you in developing a SEP for your specific goals.

Transfer Students will receive IGETC certification after completing all of the subject areas below with a minimum “C” grade or better.

The complete IGETC pattern can be found in the Norco College Catalog.

Class Meeting Schedule

<table>
<thead>
<tr>
<th>Class Meeting</th>
<th>Area 1A</th>
<th>Area 1B</th>
<th>Area 1C</th>
<th>Area 2</th>
<th>Area 3A</th>
<th>Area 3B</th>
<th>Area 4</th>
<th>Area 5A</th>
<th>Area 5B</th>
<th>Area 5C</th>
<th>Area 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday morning</td>
<td>COM-1-38679</td>
<td>MAT-12-37028</td>
<td>ART-9-37035</td>
<td>HIS-6-38693</td>
<td>HIS-7-37054</td>
<td>ART-4-37011</td>
<td>GEG-1-38857</td>
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<tr>
<td>Monday evening</td>
<td>COM-9-38695</td>
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<td>GEG-1-38857</td>
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<td>Tuesday afternoon</td>
<td>COM-1-38681</td>
<td>MAT-12-37028</td>
<td>ART-9-37035</td>
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<td>HIS-7-37054</td>
<td>ART-4-37011</td>
<td>GEG-1-38857</td>
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<td>COM-9-38694</td>
<td>MAT-12-37028</td>
<td>ART-9-37035</td>
<td>HIS-6-38693</td>
<td>HIS-7-37054</td>
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<tr>
<td>Wednesday morning</td>
<td>COM-9-38695</td>
<td>MAT-12-37029</td>
<td>THE-3-39148</td>
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<td>HIS-7-37054</td>
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<td>GEG-11-38862</td>
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<tr>
<td>Wednesday evening</td>
<td>COM-1-38678</td>
<td>MAT-12-37029</td>
<td>THE-3-39148</td>
<td>HIS-6-38693</td>
<td>HIS-7-37054</td>
<td>ART-1-38759</td>
<td>GEG-11-38862</td>
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<td></td>
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</tr>
<tr>
<td>Thursday evening</td>
<td>COM-1-38684</td>
<td>MAT-12-37029</td>
<td>THE-3-39148</td>
<td>HIS-6-38693</td>
<td>HIS-7-37054</td>
<td>ART-1-38759</td>
<td>GEG-11-38862</td>
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</tr>
<tr>
<td>Friday morning</td>
<td>COM-1-38686</td>
<td>MAT-12-37029</td>
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<td>HIS-7-37054</td>
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<td>THE-3-39148</td>
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<td>GEG-11-38862</td>
<td></td>
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<td></td>
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</tbody>
</table>

Excluding GEG & GEG lab and PHY-10/PHY-11; for science courses offered in Area 5A and SB, students will be enrolled in the lecture and lab section with the same section number.

Courses cannot be double counted to satisfy more than one area. The only exception to this is several courses in Area 6 which can also be counted towards Area 3B.

Courses that may be applied to one of two different areas are listed only in one area, with the second option listed in parenthesis.

Course offered in special cohorts are not listed here. Please consult the Schedule of Classes for courses offered in CAP, Honors, Puente, STEM Scholars, or T3P.

CSU ONLY: Although not part of the GE requirement for transfer, 6 semester units of US History, Constitution and Government is a CSU graduation requirement that students may complete at Norco College prior to transfer. HIS-6 or 6H or 7H and POL-1 or 1H satisfy this requirement.

Courses subject to cancellation...
The courses listed below are those that Norco College is offering during the **FALL 2015** term that can fulfill lower division transfer requirements following the IGETC pattern. There are other courses that can fulfill these requirements; for a complete list of options, please see the Norco College Catalog.

Once completed, the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from a community college to a campus in either the California State University (CSU) or University of California (UC) system generally without the need, after transfer, to take additional lower-division general education courses. Some of the UC campuses do not accept or recommend IGETC for certain majors (i.e. Engineering, Sciences).

It is recommended that all students with the goal of transfer to a 4-year university develop a Student Educational Plan (SEP). A Norco College counselor can assist you in developing a SEP for your specific goals.

Transfer Students will receive IGETC certification after completing all of the subject areas below with a minimum "C" grade or better.

The complete IGETC pattern can be found in the Norco College Catalog.

<table>
<thead>
<tr>
<th>Area 1A</th>
<th>Area 1B</th>
<th>Area 1C</th>
<th>Area 2</th>
<th>Area 3A</th>
<th>Area 3B</th>
<th>Area 4</th>
<th>Area 5A</th>
<th>Area 5B</th>
<th>Area 5C</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>Critical</td>
<td>Oral</td>
<td>Math &amp; Q.</td>
<td>Arts</td>
<td>Humanities</td>
<td>Social</td>
<td>Physical</td>
<td>Biological</td>
<td>Science</td>
</tr>
<tr>
<td>Composition</td>
<td>Thinking</td>
<td>Communication</td>
<td>Reasoning</td>
<td></td>
<td></td>
<td>Sciences</td>
<td>Science</td>
<td>Science</td>
<td>Lab</td>
</tr>
<tr>
<td>Minimum of 6 - 9 semester units</td>
<td>min of 3 semester units</td>
<td>min of 3 course units</td>
<td>at least one course from each area</td>
<td>at least one course from each area</td>
<td>at least one course from each area</td>
<td>at least one course from each area</td>
<td>at least one course from each area</td>
<td>at least one course from each area</td>
<td>one course or (Proficiency equivalency - see counselor)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length of class</th>
<th>3 courses minimum</th>
<th>at least one course from each area</th>
<th>one course OR (Proficiency equivalency - see counselor)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full term</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>First 8-weeks</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG-1A-37021</td>
<td>ENG-1B-38778</td>
<td>ART-6-38604</td>
<td>THE-3-39151</td>
</tr>
<tr>
<td>ENG-1A-37024</td>
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<td>THE-3-39151</td>
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<td>ENG-1B-38778</td>
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<td></td>
<td></td>
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</tr>
</tbody>
</table>

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Final Examination Schedule

- Failure to report for scheduled final examinations may result in a failing grade for the course. In case of illness or other emergency, the student must report to the instructor's office or department prior to the beginning of the examination.
- Final examinations for evening (4:30PM and later) and Saturday and Sunday classes will be held at the time and place of the regular class meeting on the following dates:
  - Friday, December 11
  - Saturday, December 12
  - Sunday, December 13
  - Monday, December 14
  - Tuesday, December 15
  - Wednesday, December 16
  - Thursday, December 17

- Classes meeting two nights per week will not meet the first meeting and shall use the second meeting for the final exam.
- Final Examination Schedules are specific to each college, and are to be used to determine the final examination dates for classes that are held only at that college.
- Final examination for classes shorter than a full semester will be held on the last class meeting date.

The chart below details the final examination schedule for full-semester weekday classes. Choose the block that most closely matches the time and day the class meets, and that does not result in a conflict with other classes that are also scheduled within that same block. The date of the final examination will occasionally be scheduled on a day that the class does not normally meet. Note the start time and arrive promptly.

For classes not on the grid or conflicts that cannot be resolved, instructors will consult the department chair and the Norco College Dean of Instruction for resolutions.

* If you have two finals scheduled at the same time, see your instructors to schedule an alternate time for one of your finals.

<table>
<thead>
<tr>
<th>Examination Dates</th>
<th>Start 08:00AM - End 10:30AM</th>
<th>Start 11:00AM – End 01:30PM</th>
<th>Start 02:00PM – End 04:30PM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friday, December 11</td>
<td>F 07:00-10:10</td>
<td>F 10:30-01:40</td>
<td>F 01:00-07:35</td>
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<tr>
<td></td>
<td>F 07:00-01:35</td>
<td>F 11:35-03:50</td>
<td>F 01:10-05:25</td>
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<tr>
<td></td>
<td>F 07:10-11:25</td>
<td></td>
<td>F 02:30-05:40</td>
</tr>
<tr>
<td></td>
<td>F 08:00-02:35</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>F 08:45-01:00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monday, December 14</td>
<td>MWF 07:00-08:35</td>
<td>MWF 10:30-11:20 (11:40)</td>
<td>MW 02:00-04:05</td>
</tr>
<tr>
<td></td>
<td>MWF 07:10-08:20 (08:35)</td>
<td>MWF 10:30-11:45 (11:55)</td>
<td>MWF 02:30-03:20 (03:40)</td>
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<tr>
<td></td>
<td>MW 07:15-09:45</td>
<td>MW 10:30-11:55</td>
<td>MWF 02:30-03:40 (03:55)</td>
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<tr>
<td></td>
<td>MTWTh 07:20-08:10 (08:30)</td>
<td>MWF 10:30-12:05</td>
<td>MTWTh 02:30-03:40</td>
</tr>
<tr>
<td></td>
<td>MW 08:00-10:05</td>
<td>MWF 10:30-12:35</td>
<td>MW 02:30-03:55</td>
</tr>
<tr>
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<td>MWF 08:00-10:05</td>
<td>MW 10:30-01:00</td>
<td>MWF 02:30-04:05</td>
</tr>
<tr>
<td></td>
<td>MW 08:15-10:20</td>
<td>MW 11:15-01:45</td>
<td>MW 02:30-05:00</td>
</tr>
<tr>
<td>Tuesday, December 15</td>
<td>MTW 07:00-09:05</td>
<td>MTWTh 02:00-03:10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TTh 07:00-09:05</td>
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<td>TTh 07:00-09:30</td>
<td>TTh 02:00-03:25</td>
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<td>MTW 07:20-09:25</td>
<td>MTW 02:00-04:05</td>
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<td>TTh 07:20-09:25</td>
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<td>TTh 08:15-10:20</td>
<td>TTh 03:00-03:55</td>
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<td></td>
<td></td>
<td>TTh 03:15-05:45</td>
<td></td>
</tr>
<tr>
<td>Wednesday, December 16</td>
<td>MTWTh 08:00-09:25</td>
<td>MTWTh 02:00-04:05</td>
<td>MW 03:00-05:05</td>
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<tr>
<td></td>
<td>MWF 08:45-09:35 (09:55)</td>
<td>MWF 03:00-05:05</td>
<td>MW 03:00-05:05</td>
</tr>
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<td>MWF 08:45-09:55 (10:10)</td>
<td>MW 03:00-05:30</td>
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<td>MTWTh 08:45-09:55</td>
<td>MTW 04:10-05:35</td>
<td>MTW 04:10-05:35</td>
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<td></td>
<td>MTWTh 08:45-10:10</td>
<td>MTWTh 04:15-05:25 (05:40)</td>
<td>MW 04:15-05:40</td>
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<tr>
<td></td>
<td>MW 08:45-10:10</td>
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<td>MWF 04:20-05:10 (05:30)</td>
<td>MTWTh 04:20-05:30</td>
</tr>
<tr>
<td>Thursday, December 17</td>
<td>MTWTh 09:40-10:50</td>
<td>MTWTh 10:30-11:40</td>
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<tr>
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<td>MTWTh 09:40-11:05</td>
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</tr>
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Norco College Counseling
Guiding You Towards Your Goals

College can be confusing and challenging. We are here to help you navigate the process, make the right choices and stay focused on your goal whether it’s a degree, a certificate or transferring to a four-year college or university. Make an appointment this semester to meet with an academic counselor to develop your Student Educational Plan. We look forward to helping you achieve your educational goals.

Schedule an appointment:
www.norcocollege.edu/services/counseling
Visit in person:
Student Services Building, Second Floor
Visit us on Facebook:
www.facebook.com/norcoscounseling

Open Campus
Did you know?
There is a “sample” class loaded with tutorials and useful information. The sample class is based upon classes taught using the Blackboard 9.1 environment. Video tutorials, helpful links and other resources are available for viewing and reference.

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 9.1 Sample Class” link.

If you are taking classes using Blackboard 9.1, help is available 24/7. The Blackboard Student Support Service link is available to provide assistance 24 hours a day, 7 days a week for issues directly related to classes taught using Blackboard 9.1. If you have reviewed the tutorials and information provided in the sample class and are still experiencing difficulties, call toll free at 1-866-253-7271. You can also get online support via e-mail and chat through the “Online Learning Support Center” link, located on the main Blackboard 9.1 login screen.

Courses delivered wherever YOU are.
www.opencampus.com

Moreno Valley College
Dental Hygiene
The Moreno Valley College Dental Hygiene program offers state-of-the-art equipment and provides an environment that supports patient-centered preventive treatment. MVC is proud to have a 100% pass rate on both the National Dental Hygiene and the California State Licensing Board Examinations in 2012 and 2013.

Information sessions, which are limited to 30, are held at the Dental Education Center. It is recommended that interested participants call (951) 571-5431 to reserve a seat at the information sessions. The costs of the program and important deadlines will be discussed.

RCCD International Education
Study Abroad Program

A FEW SPACES REMAINING. ACT NOW!

Fall semester 2015
in
FLORENCE, ITALY

The program will offer both general education and transferable classes during the semester, which runs from September 2 to November 28. Transferable classes will be offered in political science and humanities (medieval and renaissance history through the modern era), and computer information science classes (concepts, gaining, history and design).

Financial aid may be applied to the Study Abroad program.

Email the Study Abroad office for information about our exciting two-week summer tour to the “cradle of civilization,” exquisite Greece!

Spring semester 2016 in
DUBLIN, IRELAND

Information: Jen Schall / (951) 222-8340
Office: Riverside City College – Quadrangle 100
Email: jen.schall@rcc.edu / bill.despres@rcc.edu