Norco College Game Development = Creativity + Teamwork + Technology
For information about a career in Game Development click below

http://academic.norcocollege.edu/gamedev

Classes begin February 17, 2015
Day, evening and online classes available!

For important information regarding fees, payment deadlines, financial aid and registration please refer to our Information Pages.

Para información en español, por favor refiérase a la sección 17-25 de nuestra Páginas de Información.
MISSION STATEMENT
Norco College serves our students, our community, and its workforce by providing educational opportunities, celebrating diversity, and promoting collaboration. We encourage an inclusive, innovative approach to learning and the creative application of emerging technologies. We provide foundational skills and pathways to transfer, career and technical education, certificates and degrees.

<table>
<thead>
<tr>
<th>ABBR</th>
<th>BUILDING</th>
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<tbody>
<tr>
<td>ATEC</td>
<td>Applied Technology</td>
</tr>
<tr>
<td>CACT</td>
<td>CACT Center</td>
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<tr>
<td>HUM</td>
<td>Humanities</td>
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<td>IT</td>
<td>Industrial Technology</td>
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<tr>
<td>JFK</td>
<td>John F. Kennedy Middle College High School</td>
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</tbody>
</table>

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<tr>
<th>ABBR</th>
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<tr>
<td>LIBR</td>
<td>Wilfred J. Airey Library</td>
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<tr>
<td>SSV</td>
<td>Student Services</td>
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<td>ST</td>
<td>Science and Technology</td>
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<td>STEM</td>
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<tr>
<td>TTHR</td>
<td>Theater Building</td>
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<tr>
<td>WEQ</td>
<td>West End Quad</td>
</tr>
</tbody>
</table>

ACCOUNTING

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.

33465  08:00AM 09:25AM  TTH  IT 109  P Worsham
02/17/15 04/09/15  Last day to add: 02/21/15
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.

33462  09:40AM 11:05AM  TTH  IT 109  P Worsham
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

**EVENING**
33461  06:00PM 07:25PM  TTH  ATEC 114  Y Kirkpatrick
02/17/15 04/09/15  Last day to add: 03/07/15
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.

**WEEKEND**
33466  08:00AM 11:20AM  S  IT 109  V Turner
02/21/15 06/06/15  Last day to add: 03/04/15
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

**ONLINE**
33463  ON LINE  P Worsham
Last day to add: 03/06/15
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.

33464  ON LINE  P Worsham
04/20/15 06/11/15  Last day to add: 04/28/15
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-1B  PRINCIPLES OF ACCOUNTING II  3.00 UNITS
A study of managerial accounting principles and information systems.
PREREQUISITE: ACC-1A.

33470  08:00AM 09:25AM  TTH  IT 109  P Worsham
04/21/15 06/11/15  Last day to add: 04/27/15
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.

32013  08:45AM 10:10AM  MW  STEM 115  V Turner
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

**EVENING**
33467  06:00PM 07:25PM  TTH  ATEC 114  Y Kirkpatrick
04/21/15 06/11/15  Last day to add: 04/27/15
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**
33468  ON LINE  P Worsham
Last day to add: 03/06/15
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.

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

★ WEEKEND
32002 08:00AM 11:20AM S IT 202 M Snow
02/21/15 06/06/15 Last day to add: 03/04/15
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

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.

ONLINE 33471 02/17/15 04/10/15 Last day to add: 02/25/15
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.

ONLINE 33472 04/20/15 06/11/15 Last day to add: 04/28/15
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-65 COMPUTERIZED ACCOUNTING 3.00 UNITS
Computerized accounting through the use of commercial software accounting packages.
PREREQUISITE: ACC-1A or 55.
ADVISORY: CIS-1A or 3.

★ EVENING
32474 06:00PM 09:50PM M IT 202 P Richardson
02/23/15 06/08/15 Last day to add: 03/06/15
The above section is a short term web-enhanced class. Internet access is required. 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.

★ EVENING
32028 05:30PM 09:45PM W STEM 115 J Muir
05:00PM 09:40PM TTH ST 207 S Standen
05:00PM 09:45PM T IT 101 P Campo
05:00PM 09:45PM W IT 101 P Campo
02/21/15 06/06/15 Last day to add: 03/04/15
The above section is a short term web-enhanced class. Internet access is required.

ADMINISTRATION OF JUSTICE

ADJ-2 PRINCIPLES OF JUSTICE SYSTEM 3.00 UNITS
An examination of due process in criminal proceedings. (Same as JUS-2)
PREREQUISITE: None.

★ EVENING
32095 06:00PM 09:10PM T STEM 115 Staff
02/19/15 06/04/15 Last day to add: 03/02/15

ADJ-3 CONCEPTS OF CRIMINAL LAW 3.00 UNITS
Philosophy of law and constitutional provisions; definitions, classification of crimes. (Same as JUS-3)
PREREQUISITE: None.

★ EVENING
32096 06:00PM 09:20PM TH STEM 115 Staff
02/19/15 06/04/15 Last day to add: 03/02/15
The above section is a short term class. Please note the start and end dates.

ANATOMY & PHYSIOLOGY

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.

33476 11:15AM 12:20PM T ST 211 C Sternburg
02:00PM 05:10PM TTH ST 211
11:15AM 12:05PM TH ST 211
02/21/15 06/06/15 Last day to add: 03/04/15
The above section is a web-enhanced class. Internet access is required.

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

33477 12:15PM 01:05PM M IT 101 P Campo
09:30AM 12:40PM TTH ST 207
12:15PM 01:20PM W IT 101
02/21/15 06/06/15 Last day to add: 03/04/15
The above section is a web-enhanced class. Internet access is required.

33478 08:00AM 11:10AM MW ST 207 P Campo
12:15PM 01:05PM M IT 101
12:15PM 01:20PM W IT 101
02/21/15 06/06/15 Last day to add: 03/04/15
The above section is a web-enhanced class. Internet access is required.

33479 04:15PM 05:05PM M ATEC 114 C Sternburg
10:30AM 01:40PM MW ST 211
04:15PM 05:20PM W ATEC 114
02/21/15 06/06/15 Last day to add: 03/04/15

Get important textbook information, including ISBN numbers and pricing, and reserve for in-store pickup or delivery to your home! www.norcocollaeebookstore.com
AMY-10  SURVEY HUMAN ANAT/PHYSIO  3.00 UNITS
A survey of the structure and function of human cells, tissues and systems - for Allied Health majors.
PREREQUISITE: None.
33475  02:00PM 03:25PM  TTH  IT 101  P Campo
Last day to add: 03/06/15
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.
33484  09:40AM 11:05AM  TTH  HUM 111  A Gray
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

ARCHITECTURE

ARE-36  HIST ARCH RENAISSANCE-MODERN  3.00 UNITS
Purposes and types of buildings from Renaissance to present day. Emphasis on processes and sources of design.
PREREQUISITE: None.
32079  06:00PM 09:10PM  T  ATEC 109  J Jorgensen
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

ART

ART-2  HIST ART: RENAISS/CONTEMP  3.00 UNITS
Survey of the history of Western art: Renaissance through Contemporary.
PREREQUISITE: None.
ADVISORY: Qualification for ENG-1A.
33497  08:00AM 09:25AM  TTH  WEQ W4  Q Bemiller
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART-5</td>
<td>HISTORY OF NON-WESTERN ART</td>
<td>3.00</td>
<td>Survey of the traditional arts of non-Western cultures.</td>
<td>None</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.</td>
<td>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.</td>
<td>None</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.</td>
<td>None</td>
</tr>
<tr>
<td>ART-23</td>
<td>DESIGN &amp; COLOR</td>
<td>3.00</td>
<td>Continued study of two-dimensional design with the emphasis on color theory and more complex problems.</td>
<td>ART-17 or 22</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.</td>
<td>None</td>
</tr>
<tr>
<td>ART-26</td>
<td>BEGINNING PAINTING</td>
<td>3.00</td>
<td>Introduction to painting (oil or acrylic); technique, process, perception, color theory, composition, and creativity.</td>
<td>ART-17</td>
</tr>
<tr>
<td>ART-27</td>
<td>INTERMEDIATE PAINTING</td>
<td>3.00</td>
<td>Intermediate painting (oil or acrylic); various techniques, process, perception, color theory, composition, and creativity.</td>
<td>ART-23 or 26</td>
</tr>
</tbody>
</table>

REGISTRATION WILL BE BLOCKED IF YOU HAVE NOT MET THE PREREQUISITE!
ART-44A  BEG ANIMATION PRINCIPLES  3.00 UNITS  
Introduction to traditional animation. 
PREREQUISITE: ART-17. 
ADVISORY: ART-22 and 40A. 
32058  09:00AM 11:10AM  F  IT  110  K Kinoshita 
11:20AM 03:50PM  F  IT  110 
02/20/15 06/05/15  Last day to add: 03/03/15 
The above section is a short term class. Please note the start and end dates.

ART-44B  INTERMED ANIMATION PRINCIPLES  3.00 UNITS  
Intermediate continuation of animation principles. 
PREREQUISITE: ART-44A. 
ADVISORY: ART-22 and 40A. 
32059  09:00AM 11:10AM  F  IT  110  K Kinoshita 
11:20AM 03:50PM  F  IT  110 
02/20/15 06/05/15  Last day to add: 03/03/15 
The above section is a short term class. Please note the start and end dates.

ART-44C  ADVANCED ANIMATION PRINCIPLES  3.00 UNITS  
Advanced development of traditional and experimental animation 
PREREQUISITE: ART-44B. 
ADVISORY: ART-22 and 40A. 
32060  09:00AM 11:10AM  F  IT  110  K Kinoshita 
11:20AM 03:50PM  F  IT  110 
02/20/15 06/05/15  Last day to add: 03/03/15 
The above section is a short term class. Please note the start and end dates.

BIOLOGY

BIO-1  GENERAL BIOLOGY  4.00 UNITS  
A study of life as revealed in biological systems using cellular, 
organismic and ecological approaches. The basic principles of cellular 
biology, biochemistry, genetics, evolution, ecology and the social 
implications of biology are included. 
PREREQUISITE: None. 
33508  11:15AM 12:40PM  TTH  THTR 101  M Gutierrez 
02:00PM 05:10PM  T  IT  128  C Traugh 
03/06/15  Last day to add: 03/06/15 
The above section is a web-enhanced class. Internet access is required.

33509  11:15AM 12:40PM  TTH  THTR 101  M Gutierrez 
07:30AM 10:40AM  TH  IT  128  C Traugh 
03/06/15  Last day to add: 03/06/15 
The above section is a web-enhanced class. Internet access is required.

33511  11:15AM 12:40PM  TTH  THTR 101  M Gutierrez 
02:00PM 05:10PM  TH  IT  128 
03/06/15  Last day to add: 03/06/15 
The above section is a web-enhanced class. Internet access is required.

33506  02:30PM 03:55PM  MW  THTR 101  B Moore 
08:45AM 11:55AM  F  IT  128 
03/06/15  Last day to add: 03/06/15 
The above section is a web-enhanced class. Internet access is required.

BIO-12  INTRO ORGISMAL POPUL BIOL  5.00 UNITS  
An intensive course for Life Science majors studying plants, animals, 
ecology and evolution. 
PREREQUISITE: BIO-11 or 11H. 
32052  12:45PM 02:50PM  MW  IT  128  T Friedrich Finnem 
03:10PM 04:35PM  MW  IT  128 
03/06/15  Last day to add: 03/06/15 
The above section is a web-enhanced class. Internet access is required.

BIO-30  HUMAN REPRODUCTION  3.00 UNITS  
Reproduction and sexuality - biologically oriented to provide current 
information in all facets of subject area. 
PREREQUISITE: None. 
32053  12:45PM 02:10PM  MW  ATEC 114  M Donovan 
03/06/15  Last day to add: 03/06/15 
The above section is a web-enhanced class. Internet access is required.

BIO-34  HUMAN GENETICS  3.00 UNITS  
Mechanisms of human heredity emphasizing normal and abnormal 
genetic counseling. 
PREREQUISITE: None. 
ADVISORY: High school biology or any college life science class with 
laboratory. 
33514  08:00AM 09:25AM  TTH  IT  101  A Clark 
03/06/15  Last day to add: 03/06/15 
The above section is a web-enhanced class. Internet access is required.

BIO-36  ENVIRONMENTAL SCIENCE  3.00 UNITS  
A study of human populations, food resources, energy cycles and 
pollution problems of the world. 
PREREQUISITE: None. 
33515  09:40AM 11:05AM  TTH  ATEC 119  J Sun 
03/06/15  Last day to add: 03/06/15 
The above section is a web-enhanced class. Internet access is required.
BIO-8  PRINCIPLES OF ECOLOGY  4.00 UNITS
A study of basic ecological relationships between organisms and their
environment. Topics will include populations, communities, competition,
predation, succession, species diversity, ecosystems, evolutionary
relationships, and human impacts on the environment. This course
requires field trips.
PREREQUISITE: None.

33516  08:45AM 10:10AM  MW  IT 128  T Friedrich Finnern
10:30AM 11:55AM  MW  IT 128
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

BUSINESS ADMINISTRATION

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.

33517  08:45AM 10:10AM  MW  ATEC 210  L White
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

33518  11:10AM 12:35PM  TTH  ATEC 211  G Zwart
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

33520  04:00PM 05:35PM  M  STEM 115  V Mixson
02/23/15 06/08/15  Last day to add: 03/06/15
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.

EVENING
33519  06:00PM 09:10PM  W  IT 123  G Zwart
02/17/15 04/10/15  Last day to add: 02/25/15
The above section is a hybrid class that meets on alternating
Wednesdays beginning 2/18/15. Computer with Internet access required.

ONLINE
33521  02/17/15 04/10/15
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.

ONLINE
33522  04/20/15 06/11/15
Last day to add: 04/28/15
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.

ONLINE
33523  04/20/15 06/11/15
Last day to add: 03/06/15
The above section is an online class. Computer with Internet access
required. See www.opencampus.com.

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

33525  04:15PM 05:40PM  W  IT 211  T Wagner
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

ONLINE
33524  02/29/15 06/04/15
Last day to add: 03/06/15
The above section is an online 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.

EVENING
33526  06:30PM 09:40PM  T  JFK 112  B Stansell
Last day to add: 03/06/15
The above section is a web-enhanced 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.

33528  04:15PM 05:40PM  TTH  ATEC 204  R Beck
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

EVENING
33527  06:00PM 07:25PM  TH  ATEC 204  R Beck
02/29/15 06/04/15  Last day to add: 03/06/15
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
33529  02/17/15 04/10/15
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.

ONLINE
33530  04/20/15 06/11/15
Last day to add: 04/28/15
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-22 MGMT COMMUNICATIONS 3.00 UNITS
Examines the dynamics of organizational communication including interpersonal, verbal, nonverbal and written.  
PREREQUISITE: None.  
ADVISORY: CAT-30.  
33531 08:45AM 10:10AM MW IT 208 V Mixson  
Last day to add: 03/06/15  
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.  
32032 06:30PM 09:40PM T IT 108 R Carrigan  
Last day to add: 03/06/15  
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.  
32072 06:30PM 09:40PM TH IT 113 A Riker  
Last day to add: 03/06/15  
The above section is a short term hybrid class that meets on alternating Thursdays beginning 2/19/15. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

BUS-85 WAREHOUSE MANAGEMENT 3.00 UNITS
Introduction to an integrated logistics approach to the management of warehousing within the supply chain.  
PREREQUISITE: None.  
33536 06:00PM 07:25PM T ATEC 204 R Beck  
Last day to add: 03/06/15  
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

BUS-86 TRANSPORTATION/TRAFFIC MGMT 3.00 UNITS
A study of the domestic freight transportation system, including pricing, regulation and traffic management.  
PREREQUISITE: None.  
33537 ONLINE ON LINE C Pentis  
04/20/15 06/11/15  
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-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.  
32012 ONLINE ON LINE R Beck  
02/17/15 04/10/15  
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.

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.  
33540 09:30AM 12:40PM MW HUM 208 M Farnum  
02:30PM 03:55PM MW HUM 204  
Last day to add: 03/06/15  
The above section is a web-enhanced class. Internet access is required.

33541 09:30AM 12:40PM MW HUM 208 M Farnum  
02:30PM 03:55PM MW HUM 204  
Last day to add: 03/06/15  
The above section is a web-enhanced class that is intended for participants in the STEM Scholars program. Please see the STEM counselor or coordinator prior to enrolling. Internet access is required.

33542 EVENING 06:00PM 09:10PM MW HUM 208 C Naranjo  
06:00PM 07:25PM TTH HUM 204 A Efron  
Last day to add: 03/06/15  
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.
33543  10:30AM 11:55AM  MW  HUM 204  S Freitas
08:45AM 11:55AM  TTH  HUM 208  S Freitas
Last day to add: 03/06/15
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.
33544  08:00AM 11:10AM  T  HUM 204  M Chemama
02:00PM 03:25PM  TTH  IT 117  M Chemama
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33545  02:00PM 03:25PM  TTH  IT 117  M Chemama
08:00AM 11:10AM  TH  HUM 204  J Laux
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33546  02:30PM 03:55PM  MW  ATEC 114  S Freitas
08:45AM 11:55AM  F  HUM 204  J Laux
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33547  02:30PM 03:55PM  MW  ATEC 114  S Freitas
01:00PM 04:10PM  F  HUM 204  J Laux
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33548  02:30PM 03:55PM  MW  ATEC 114  S Freitas
08:45AM 11:55AM  F  HUM 204  J Laux
Last day to add: 03/06/15
The above section is a web-enhanced class that is intended for participants in the STEM Scholars program. Please see the STEM counselor or coordinator prior to enrolling. Internet access is required.

CHE-10  CHEMISTRY FOR EVERYONE  3.00 UNITS
Lecture-demonstration course geared to non-science majors--air, water, drugs, genetics, nuclear aspects, etc. No laboratory.
PREREQUISITE: None.
33538  10:30AM 11:55AM  MW  IT 101  S Tyler
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

CHE-12A  ORGANIC CHEMISTRY I  5.00 UNITS
Structure and reactivity of the compounds of carbon for pre-professional programs and science majors.
PREREQUISITE: CHE-1B or 1BH.
33539  02:30PM 03:55PM  MW  HUM 208  S Tyler
02:30PM 05:40PM  TTH  HUM 208  S Tyler
Last day to add: 03/06/15
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.
33891  01:00PM 02:50PM  W  THTR 204  B Kerr
01:00PM 05:30PM  F  THTR 204  B Kerr
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

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.
33892  01:00PM 02:50PM  W  THTR 204  B Kerr
01:00PM 05:30PM  F  THTR 204  B Kerr
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

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.
32075  01:00PM 02:50PM  W  THTR 204  B Kerr
01:00PM 05:30PM  F  THTR 204  B Kerr
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

MUC-2  SONGWRITING  1.00 UNITS
Introduction to commercial songwriting techniques. Topics include form, rhythm, melody, lyrics, chord progressions, preparing lead sheets and arranging.
PREREQUISITE: MUS-3.
32085  01:50PM 03:40PM  T  HUM 101  B Kerr
01:50PM 02:40PM  TH  HUM 101  B Kerr
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

MUC-3  INTRO TO PRO TOOLS  3.00 UNITS
An introduction to MIDI and digital audio using the industry-standard Pro Tools software.
PREREQUISITE: None.
33893  09:40AM 10:45AM  T  IT 106  M Martinez
10:45AM 12:10PM  TTH  IT 106  M Martinez
09:40AM 10:30AM  TH  IT 106  M Martinez
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
MUC-4  INTERMEDIATE PRO TOOLS: 110  3.00 UNITS
An intermediate-level approach to the Pro Tools system. Students will take a more detailed look at Pro Tools, including managing data, recording, audio editing, automation and mixing. Students who successfully complete the course will be eligible to take the Pro Tools 110 certification exam through Digidesign.
PREREQUISITE: MUC-3.

MUC-7  INTRO TO MUSIC TECHNOLOGY  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.

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. ADVISORY: COM-1 or 7 or THE-32.

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.

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/keyboards and/or technical crew members who work collaboratively to study, perform and/or record selected musical arrangements. PREREQUISITE: None.

MUC-12  RECORDING STUDIO WORKSHOP I  3.00 UNITS
Students will have the opportunity record and produce multi-track digital audio projects. PREREQUISITE: MUC-3 and 12.

COMMUNICATION STUDIES

COM-1  PUBLIC SPEAKING  3.00 UNITS
Prepare, present and evaluate a variety of speeches. ADVISORY: COM-51 and/or qualification for ENG-1A.

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

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.

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.

COM-7 ORAL INTERPRETATION OF LIT 3.00 UNITS
Prepare and expressively present interpretation of literature aloud.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.

COM-10 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.

COM-11 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.

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-13 GENDER AND COMMUNICATION 3.00 UNITS
Gender as an important component in a variety of human communication contexts.
PREREQUISITE: None.
ADVISORY: COM-51 and/or qualification for ENG-1A.

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.

COMPUTER INFORMATION SYSTEMS

Get important textbook information, including ISBN numbers and pricing, and reserve for in-store pickup or delivery to your home!
www.norcollegebookstore.com
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet is required. In addition to the time spent in class, students are required to attend the Norco Computer Lab in LIBR LRC for 50 minutes each week.

**ONLINE**

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

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

**CIS-7 DISCRETE STRUCTURES**

- **Units:** 3.00
- **Description:** Introduction to discrete structures for Computer Science majors. (Same as CSC-7)
- **PREREQUISITE:** CIS/CSC-5.

**EVENING**

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

**CIS-17A C++ PROGRAMMING: OBJECTS**

- **Units:** 3.00
- **Description:** Object-Oriented program development using C++. (Same as CSC-17A)
- **PREREQUISITE:** CIS/CSC-5.

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The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet is required. In addition to the time spent in class, students are required to attend the Norco Computer Lab in LIBR LRC for 50 minutes each week.

**CIS-2 FNDMNTLS SYSTEM ANALYSIS**

- **Units:** 3.00
- **Description:** Structured analysis of user requirements related to information systems, for eventual design/development of the system. (Same as CSC-2)
- **PREREQUISITE:** None.

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The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet is required. In addition to the time spent in class, students are required to attend the Norco Computer Lab in LIBR LRC for 50 minutes each week.
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.

33551  04:15PM 05:40PM  TTH   ATEC 118   J O'Connor
       Last day to add: 03/06/15
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet is required. In addition to the time spent in class, students are required to attend the Norco Computer Lab in LIBR LRC for 50 minutes each week.

CIS-18B  JAVA PROGRAMMING: ADV. OBJECTS  3.00 UNITS
An advanced programming course in JAVA suitable for business, e-commerce and gaming applications. (Same as CSC-18B)
PREREQUISITE: None.
ADVISORY: CIS/CSC-18A.

33552  02:00PM 03:50PM  T   IT   208   Staff
02:00PM 03:00PM  TH   IT   208
03:00PM 03:50PM  TH   IT   208
       Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this section.

CIS-21  INTRO OPERATING SYSTEMS  3.00 UNITS
An introduction to operating systems. (Same as CSC-21)
PREREQUISITE: CIS-1A.

EVENING
32047  06:00PM 07:25PM  TTH   ATEC 118   J O'Connor
       Last day to add: 03/06/15
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet is required. In addition to the time spent in class, students are required to attend the Norco Computer Lab in LIBR LRC for 50 minutes each week.

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

CIS-67  WEB DEVELOPMENT II  3.00 UNITS
An advanced course covering the extension of static web pages through content management systems, PHP programming, and information storage and retrieval using databases.
PREREQUISITE: CIS-66.

32049  08:45AM 10:10AM  MW   IT   127   J O'Connor
       Last day to add: 03/06/15
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet is required. In addition to the time spent in class, students are required to attend the Norco Computer Lab in LIBR LRC for 50 minutes each week.

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.

ONLINE
32051   02/17/15 04/10/15
       W Manges
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.

CIS-75  MOBILE MEDIA DESIGN  3.00 UNITS
Advanced topics in graphic design for mobile media applications. Topics include creating vector art and layout and asset placement along with modern graphic design process. Also explores advanced production wire-framing, mockup, and asset preparation.
PREREQUISITE: CIS-74 or 78A.

32036  09:40AM 11:05AM  TTH   IT   127   C Brotherton
       Last day to add: 03/06/15
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet is required. In addition to the time spent in class, students are required to attend the Norco Computer Lab in LIBR LRC for 50 minutes each week.

CIS-78B  ADVANCED ADOBE PHOTOSHOP  3.00 UNITS
Advanced techniques and methods for using Adobe Photoshop to produce custom graphic solutions, including advanced tips and tricks for enhanced image creation. (Same as CAT-78B)
PREREQUISITE: CIS-78A.

32037  08:30AM 11:50AM  F   IT   106   B Steffel
02/20/15 06/05/15
The above section is a short term web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet is required. Please note the start and end dates. In addition to the time spent in class, students are required to attend the Norco Computer Lab in LIBR LRC for 1 hour each week.

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

ONLINE
32050   04/20/15 06/11/15
       W Manges
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.

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www.norcocollegebookstore.com

12
COMPUTER SCIENCE

CSC-7 DISCRETE STRUCTURES 3.00 UNITS
Introduction to discrete structures for Computer Science majors.
(Same as CIS-7)
PREREQUISITE: CIS/CSC-5.

EVENING
33601 06:00PM 09:10PM W IT 202 M Soriano
09:10PM 10:00PM W IT 202
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
Designated laboratory hours are included in the meeting times for this section.

CONSTRUCTION TECHNOLOGY

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

EVENING
33592 06:30PM 09:40PM M IT 122 R Skaggs
02/23/15 06/08/15
Last day to add: 03/06/15
The above section is a short term class. Please note the start and end dates.

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

EVENING
33593 06:30PM 09:40PM W IT 122 J Thomas
Last day to add: 03/06/15

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.

EVENING
33594 06:30PM 09:40PM W IT 122 J Thomas
Last day to add: 03/06/15

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.

EVENING
33595 06:30PM 09:40PM W IT 122 J Thomas
Last day to add: 03/06/15

CON-63D 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.

EVENING
33596 06:30PM 09:40PM W IT 122 J Thomas
Last day to add: 03/06/15

CON-64 OFFICE/FIELD INSPECT 3.00 UNITS
Building and safety office management and inspections for compliance.
PREREQUISITE: None.

EVENING
33597 06:30PM 09:40PM T IT 123 P Link
Last day to add: 03/06/15

CON-67 MECHANICAL CODE 3.00 UNITS
Review of mechanical codes and regulations in construction.
PREREQUISITE: None.

EVENING
33598 06:30PM 09:50PM TH IT 122 J Thomas
02/19/15 06/04/15
Last day to add: 03/02/15
The above section is a short term class. Please note the start and end dates.

CON-71 ENERGY CONSERVATION 1.50 UNITS
Application of current Energy Conservation Standards, regulations and codes to residential building.
PREREQUISITE: None.

EVENING
33599 06:00PM 09:35PM M IT 123 J Thomas
04/20/15 06/08/15
Last day to add: 04/24/15
The above section is a short term class. Please note the start and end dates.

CON-72 CALIF STATE ACCESSIBILITY 1.50 UNITS
Examines the provisions of Title 24 accessibility standards of the California Uniform Building Code.
PREREQUISITE: None.

EVENING
33600 06:00PM 09:35PM M IT 123 J Thomas
04/20/15 06/08/15
Last day to add: 04/24/15

CON-73 PROJECT PLANNING 3.00 UNITS
General provisions, procedures, specifications and plan processes to carry out the work for site improvement.
PREREQUISITE: None.

EVENING
32117 06:30PM 09:40PM T IT 122 J Thomas
Last day to add: 03/06/15

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.

EVENING
32073 06:00PM 09:35PM M IT 117 S Roginski
02/23/15 06/08/15
Last day to add: 03/06/15
The above section is a short term class. Please note the start and end dates.
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.
33612 08:00AM 09:25AM TTH ATEC 211 C Rajakone Last day to add: 03/06/15
33611 10:30AM 11:55AM MW IT 109 P Boelman Last day to add: 03/06/15
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.
33614 09:40AM 11:05AM TTH IT 117 P Boelman Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
### ECO-7H HONORS MACROECONOMICS 3.00 UNITS
Offers students in the Honors Program an enriched introduction to 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.
**LIMITATION ON ENROLLMENT:** Enrollment in the Honors Program.

<table>
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<td>HUM 103</td>
<td>P Boelman</td>
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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.

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

### 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**

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Last day to add: 03/06/15

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

**EVENING**

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</tbody>
</table>

Last day to add: 03/06/15

#### ELE-28 MULTISIM CAD & PCB DESIGN/FAB 3.00 UNITS
MultiSim (CAD) schematic capture, simulation, printed circuit board (PCB) design and fabrication.
**PREREQUISITE:** None.

**EVENING**

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<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>32082</td>
<td>06:30PM 07:20PM</td>
<td>M</td>
<td>IT 208</td>
<td>R Chomko</td>
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<tr>
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<td>07:40PM 09:05PM</td>
<td>MW</td>
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<td>06:30PM 07:35PM</td>
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<td>IT 208</td>
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Last day to add: 03/06/15

### ELE-91 FUNDAMENTALS OF SOLAR ENERGY 3.00 UNITS
Fundamental solar energy principles and systems.
**PREREQUISITE:** None.

**EVENING**

<table>
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<tr>
<th>Section</th>
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<tr>
<td>33623</td>
<td>06:30PM 09:40PM</td>
<td>W</td>
<td>CACT 2</td>
<td>G Graham</td>
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</tbody>
</table>

Last day to add: 03/06/15

### ENGINEERING

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

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<th>Section</th>
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<tbody>
<tr>
<td>33627</td>
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<td>ATEC 109</td>
<td>P Van Hulle</td>
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<td>09:40AM 11:45AM</td>
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<td>08:10AM 11:20AM</td>
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Last day to add: 03/06/15

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Last day to add: 03/06/15

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Last day to add: 03/06/15

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

**EVENING**

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Last day to add: 03/06/15

#### 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.

**EVENING**

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Last day to add: 03/06/15

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[www.norccollegebookstore.com](http://www.norccollegebookstore.com)
<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Units</th>
<th>Description</th>
<th>Prerequisite/Advisory Information</th>
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<tbody>
<tr>
<td>ENE-30</td>
<td>COMPUTER AIDED DRAFTING</td>
<td>3.00</td>
<td>Two-dimensional computer-aided drafting, using AUTOCAD.</td>
<td>ADVISORY: CIS-1A.</td>
</tr>
<tr>
<td>ENE-38</td>
<td>ENGINEERING PROGRAMMING INTRO</td>
<td>3.00</td>
<td>Introductory course in procedural programming, abstraction, design, I/O interfacing, and numerical techniques.</td>
<td>PREREQUISITE: MAT-10.</td>
</tr>
<tr>
<td>ENE-42</td>
<td>SOLIDWORKS I</td>
<td>3.00</td>
<td>Basic parametric solid modeling techniques using SolidWorks and advancing into complex assemblies requiring animation.</td>
<td>PREREQUISITE: None. ADVISORY: PC computer experience.</td>
</tr>
<tr>
<td>ENE-42B</td>
<td>SOLIDWORKS II</td>
<td>3.00</td>
<td>This course is designed to further 3D parametric solid modeling software techniques learned in SolidWorks I.</td>
<td>PREREQUISITE: ENE-42 or prior SolidWorks experience.</td>
</tr>
<tr>
<td>ENE-52</td>
<td>GEOMETRIC DIMEN &amp; TOLER</td>
<td>2.00</td>
<td>Covers international standards regarding form and fit using industry and government standards.</td>
<td>PREREQUISITE: None.</td>
</tr>
<tr>
<td>ENG-1A</td>
<td>ENGLISH COMPOSITION</td>
<td>4.00</td>
<td>Teaches college-level critical reading, academic writing, and research skills.</td>
<td>PREREQUISITE: ENG-50 or 80 or qualifying placement level.</td>
</tr>
</tbody>
</table>

### Placement Guidelines: English Composition Courses

- **ENGLISH 1B**: A grade of C or better in ENG-1A
- **ENGLISH 1A**: Qualifying preparation score based on the ACCUPLACER® test and academic background; or A grade of C or better in ENG-50 or ENG-60
- **ENGLISH 50**: Qualifying preparation score based on the ACCUPLACER® test and academic background; or Successful completion of ENG-60B or ESL-55
- **ENGLISH 40A**: There is no prerequisite; the course is open to all students.
- **ENGLISH 40B**: Qualifying preparation score based on the ACCUPLACER® test and academic background; or Successful completion of ENG-60A

It is strongly recommended that students register in an appropriate composition course (ENG-50A, 60B, 80, 50, or ENG-1A) during their first semester of enrollment. See "Moving through English" for more details.

### Registration Instructions
- **REGISTRATION WILL BE BLOCKED IF YOU HAVE NOT MET THE PREREQUISITE!**

---

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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-minute each week, and must use WebAdvisor to schedule these sessions. Required lab attendance begins the first week of the term. See http://www.norcocologe.edu/academics/lrc/writinglab for hours of operation.

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<td>T Cortina</td>
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<tr>
<td>33651</td>
<td>10:30AM-12:35PM</td>
<td>MW</td>
<td>IT 111</td>
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<td>33640</td>
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<td>33652</td>
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<td>33638</td>
<td>12:45PM-02:50PM</td>
<td>MW</td>
<td>IT 208</td>
<td>J Dobson</td>
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<tr>
<td>33648</td>
<td>12:45PM-02:50PM</td>
<td>MW</td>
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<td>J Gianunzio</td>
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<tr>
<td>33653</td>
<td>12:45PM-02:50PM</td>
<td>MW</td>
<td>ST 108</td>
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<tr>
<td>33636</td>
<td>03:00PM-05:05PM</td>
<td>MW</td>
<td>IT 206</td>
<td>J Watson</td>
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<td>03:00PM-05:05PM</td>
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<td>ST 108</td>
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</table>

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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.

33662  08:15AM 10:20AM  TTH  HUM 102  A Moore
Last day to add: 03/06/15

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.

33665  08:15AM 10:20AM  TTH  IT 211  S Tschetter
Last day to add: 03/06/15

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.

33658  10:30AM 12:35PM  TTH  IT 208  A Moore
Last day to add: 03/06/15

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.

33660  10:30AM 12:35PM  TTH  ATEC 109  B Lafond
Last day to add: 03/06/15

The above section is a web-enhanced class that 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.

33661  12:45PM 02:50PM  MW  IT 122  J Mull
Last day to add: 03/06/15

The above section is a web-enhanced class that 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.

32120  02:00PM 04:05PM  TTH  IT 206  D Mills
Last day to add: 03/06/15

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-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.

32113  10:30AM 12:35PM  TTH  IT 211  S Tschetter
Last day to add: 03/06/15

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.
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<th>Course Code</th>
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<td>ENG-4</td>
<td>WRITING TUTOR TRAINING</td>
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<td>10:30AM 12:35PM</td>
<td>IT 210</td>
<td>L Nelson</td>
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<td>these sessions. Required lab attendance begins</td>
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<td>online. Computer with Internet access required.</td>
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<td>ENG-20</td>
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<td>IT 109</td>
<td>J Reed</td>
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<td><a href="http://www.norcocolege.edu/academics/frc/writinglab">http://www.norcocolege.edu/academics/frc/writinglab</a></td>
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<td>for hours of operation.</td>
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</table>

**REGISTRATION WILL BE BLOCKED IF YOU HAVE NOT MET THE PREREQUISITE!**
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.norcocolog.edu/academics/lrc/writinglab for hours of operation.

33674 04:15PM 06:20PM  MW  IT  210  D Schwanké
Last day to add: 03/06/15

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.norcocolog.edu/academics/lrc/writinglab for hours of operation.

33671 04:15PM 06:20PM  TTH  IT 111  R Marsh
Last day to add: 03/06/15

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.norcocolog.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.

33686 08:10AM 10:15AM  MTWTH IT 111  D Mills
11:00AM 11:50AM  TTH IT 121
02/17/15 04/09/15
Last day to add: 02/25/15

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 section.

33680 08:45AM 10:00AM  MWF  IT  211  E Rossi
Last day to add: 03/06/15

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.norcocolog.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.

33692 08:10AM 10:15AM  MTWTH IT 111  D Mills
11:00AM 11:50AM  TTH IT 121
04/20/15 06/11/15
Last day to add: 04/29/15

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 section.
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.

All sections of ENG-80 have an 18-hour laboratory requirement to be arranged. In addition to the time spent in class, students are required to attend the Norco 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.norcocouse.edu/academics/lrc/writinglab for hours of operation.

Get important textbook information, including ISBN numbers and pricing, and reserve for in-store pickup or delivery to your home!
www.norcocollegebookstore.com
ENGLISH AS A SECOND LANGUAGE

ESL-53  INTERMEDIATE 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.

EVENING
33702
06:30PM-07:30PM  M  IT  211  D Tougas
06:30PM-08:00PM  W  IT  211
08:10PM-09:00PM  TH  IT  211
Last day to add: 03/06/15

ESL-54  HIGH-INTERMEDIATE 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.

33703  10:30AM-01:00PM  MW  HUM  102  M Shirinian
Last day to add: 03/06/15

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.

33704  09:40AM-12:10PM  TTH  IT  123  M Shirinian
Last day to add: 03/06/15

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/1rc/writinglab for hours of operation.

ESL-91  BEGIN ORAL COMMUNICATION  3.00 UNITS
A beginning conversation and idioms course for English as a Second Language students. (Non-degree credit course. Pass-No Pass only.)
PREREQUISITE: None.
ADVISORY: Concurrent enrollment in ESL-51 or 52.

32076  08:15AM-10:20AM  M  IT  123  M Shirinian
08:15AM-09:20AM  W  IT  123
09:30AM-10:20AM  W  IT  123
Last day to add: 03/06/15

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

FRENCH

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

32061  11:45AM-01:50PM  M  LIBR 121  M McGuire
01:50PM-02:40PM  T  LIBR 121
11:45AM-02:55PM  W  LIBR 109
Last day to add: 03/06/15

Get important textbook information, including ISBN numbers and pricing, and reserve for in-store pickup or delivery to your home!
www.norcocollagebookstore.com
## GAME DEVELOPMENT & SIMULATION

### 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.

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>33707</td>
<td>11:15AM 12:40PM</td>
<td>TTH</td>
<td>IT 125</td>
<td>J Coverdale</td>
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<tr>
<td>33709</td>
<td>09:40AM 11:05AM</td>
<td>TTH</td>
<td>IT 125</td>
<td>G Marquez</td>
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</tbody>
</table>

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

### GAM-23 DIGITAL GAME DESIGN 4.00 UNITS

Digital game design including planning, designing and developing an original digital game. Topics include analyzing the target audience, pitching an original game concept, design documentation, the iterative process, and rapid digital prototyping.

**PREREQUISITE:** GAM-22.

<table>
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<tr>
<th>OFFICE</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
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</table>

The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet is required. In addition to the time spent in class, students are required to attend the Norco Computer Lab in LIBR LRC for 50 minutes each week.

### 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.

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

### 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.

<table>
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<tr>
<th>Section</th>
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### GAM-32 DESIGNING GAME CHARACTERS 3.00 UNITS

Students will learn the production workflow of Maya to ZBrush while focusing on character design principles, low-poly modeling and the creation of both bipedal and quadruped characters.

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

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The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet is required. In addition to the time spent in class, students are required to attend the Norco Computer Lab in LIBR LRC for 50 minutes each week.

### GAM-33 INTRO COMPUTER GAME DEV 3.00 UNITS

An introduction to computer gaming. Students will explore the job market, career paths and business aspects of gaming professions.

**PREREQUISITE:** None.

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<tr>
<td>33713</td>
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<td>TTH</td>
<td>IT 202</td>
<td>J Coverdale</td>
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</table>

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

### GAM-34 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.

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<td>33714</td>
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The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet is required. In addition to the time spent in class, students are required to attend the Norco Computer Lab in LIBR LRC for 50 minutes each week.

### GAM-35 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.

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<td>MW</td>
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The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet is required. In addition to the time spent in class, students are required to attend the Norco Computer Lab in LIBR LRC for 50 minutes each week.
GAM-49 GAME MODELING AND TEXTURING 3.00 UNITS
An intermediate 3D modeling class focusing on low poly modeling and texture mapping for games. Topics include the basics of lighting an object, advanced Photoshop skills and presentation skills.
PREREQUISITE: GAM-31 or CIS/GAM-38A and one of the following, CIS-78A or GAM-42.
33717 08:45AM 10:10AM MW IT 125 M Williams
Last day to add: 03/06/15
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet is required. In addition to the time spent in class, students are required to attend the Norco Computer Lab in LIBR LRC for 50 minutes each week.

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.
33719 08:00AM 09:25AM TTH IT 202 J Finley
Last day to add: 03/06/15
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet is required. In addition to the time spent in class, students are required to attend the Norco Computer Lab in LIBR LRC for 50 minutes each week.

GAM-51 GAME MECHANICS AND SIMULATION 3.00 UNITS
Introduction to practical applications of mathematics and physics techniques for various areas of video game programming including game engine programming and gameplay scripting.
PREREQUISITE: MAT-35 and CIS/CSC-5 or GAM/CIS-50.
33720 02:30PM 04:20PM M IT 106 M Soriano
02:30PM 03:30PM W IT 106
03:30PM 04:20PM W IT 106
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this section.

GAM-53 GAME ENGINE SCRIPTING II 3.00 UNITS
Extended concepts in core programming as it pertains to game engine scripting. Advanced concepts in scripted languages are explored to allow for more complex simulations to further drive industry standard game engines. (Same as CSC-53)
PREREQUISITE: CSC/GAM-52.
ADVISORY: CIS/GAM-37.
32035 08:45AM 10:10AM MW IT 202 J Finley
Last day to add: 03/06/15
The above section is a short term web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet is required. In addition to the time spent in class, students are required to attend the Norco Computer Lab in LIBR LRC for 50 minutes each week.

GAM-54 PORTFOLIO PRODUCTION 2.00 UNITS
Creation and presentation of a professional portfolio including compositing, audio and video editing skills to present work in 3D modeling, animation, game design, game programming, audio or concept art.
PREREQUISITE: GAM-23, 32, 46, 48, 52, CIS/CSC-17B, 18B, or MUC-6.
33715 04:15PM 05:20PM TH IT 202 T Dunipace
05:20PM 08:40PM TH IT 202
02/19/15 06/04/15
Last day to add: 03/02/15
The above section is a short term web-enhanced class. Internet access required. Please note the start and end dates. Designated laboratory hours are included in the meeting times for this section.

GAM-55 GAME STUDIO: CHARACTER MODELING 4.00 UNITS
A team-based and project-driven approach is taken to modeling character driven content. Students work in interdisciplinary teams to develop an original character driven content digital game. The classroom production environment utilizes game engines. (Same as CSC-53)
PREREQUISITE: GAM-34.
33721 08:45AM 10:55AM F ATEC 209 C Nacorda
10:55AM 01:55PM F ATEC 209
02/20/15 06/05/15
Last day to add: 03/03/15
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 section.

GAM-56 GAME ENGINE SCRIPTING I 3.00 UNITS
PREREQUISITE: ART-17.
33720 08:45AM 10:55AM MW IT 202 J Finley
10:55AM 03:10PM MW IT 202
02/19/15 06/04/15
Last day to add: 03/02/15
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 section.

GAM-59 GAME STUDIO: ANIMATION 4.00 UNITS
This is the culminating class in the area of animation for game development. Students work in interdisciplinary teams to develop an original digital game. The classroom production environment utilizes game industry production practices and constructs including milestones and deliverables.
32038 08:00AM 11:20AM F IT 125 J Ruiz
11:50AM 03:10PM F IT 125
02/20/15 06/05/15
Last day to add: 03/03/15
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 section.

GAM-60 GAME STUDIO: CHARACTER MODELING 4.00 UNITS
This is the culminating class in the area of character modeling for game art. Students work in interdisciplinary teams to develop an original digital game. The classroom production environment utilizes game industry production practices and constructs including milestones and deliverables.
PREREQUISITE: GAM-34.
32039 08:00AM 11:20AM F IT 125 J Ruiz
11:50AM 03:10PM F IT 125
02/20/15 06/05/15
Last day to add: 03/03/15
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 section.
GAM-79C  GAME STUDIO: ENVIRONMENTS  4.00 UNITS
This is the culminating class in the area of developing environments and vehicles for games. Students work in interdisciplinary teams to develop an original digital game. The classroom production environment utilizes game industry production practices and constructs including milestones and deliverables.
PREREQUISITE: GAM-46.

32040  08:00AM 11:20AM  F  IT  125  J Ruiz
        11:50AM 03:10PM  F  IT  125
02/20/15 06/05/15  Last day to add: 03/03/15
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 section.

GAM-79D  GAME STUDIO: AUDIO  4.00 UNITS
This is the culminating class in the area of game audio. Students work in interdisciplinary teams to develop an original digital game. The classroom production environment utilizes game industry production practices and constructs including milestones and deliverables.
PREREQUISITE: MUC-6.

32041  08:00AM 11:20AM  F  IT  125  J Ruiz
        11:50AM 03:10PM  F  IT  125
02/20/15 06/05/15  Last day to add: 03/03/15
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 section.

GAM-79E  GAME STUDIO: GAME DESIGN  4.00 UNITS
This is the culminating class in the area of game design. Students work in interdisciplinary teams to develop an original digital game. The classroom production environment utilizes game industry production practices and constructs including milestones and deliverables.
PREREQUISITE: GAM-23.

32042  08:00AM 11:20AM  F  IT  125  J Ruiz
        11:50AM 03:10PM  F  IT  125  J Ruiz
02/20/15 06/05/15  Last day to add: 03/03/15
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 section.

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

GAM-79F  GAME STUDIO: GAME PROGRAMMING  4.00 UNITS
This is the culminating class in the game programming track. Students work in interdisciplinary teams to develop an original digital game. The classroom production environment utilizes game industry production practices and constructs including milestones and deliverables.
PREREQUISITE: CIS/CSC-17B, CIS/CSC-18B or GAM/CSC-52.

32044  08:00AM 11:20AM  F  IT  125  J Ruiz
        11:50AM 03:10PM  F  IT  125
02/20/15 06/05/15  Last day to add: 03/03/15
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 section.

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.

33722  08:45AM 10:10AM  MW  ATEC 114  J Eckstein
Last day to add: 03/06/15
33723  09:40AM 11:05AM  TTH  ATEC 205  J Eckstein
Last day to add: 03/06/15
33725  10:30AM 11:55AM  MW  ATEC 114  J Eckstein
Last day to add: 03/06/15

EVENING
33724  06:30PM 07:55PM  MW  ATEC 205  R Jacobsen
Last day to add: 03/06/15

GEG-1L  PHYSICAL GEOGRAPHY LAB  1.00 UNITS
Practical application of physical geography principles through geographically based in-class exercises.
PREREQUISITE: None.
COREQUISITE: Concurrent enrollment in or prior completion of GEG-1 or 1H.

33728  08:00AM 09:25AM  TTH  ATEC 205  E Ogbuchielwe
Last day to add: 03/06/15
33727  10:30AM 11:55AM  MW  ATEC 205  R Christov
Last day to add: 03/06/15
33729  12:45PM 02:10PM  MW  ATEC 205  R Christov
Last day to add: 03/06/15

EVENING
33730  08:15PM 09:40PM  MW  ATEC 205  R Jacobsen
Last day to add: 03/06/15

GEG-2  HUMAN GEOGRAPHY  3.00 UNITS
The geographic analysis of the human imprint on the planet. Topics include population, food, language, religion, economic activity, physical environment and political geography.
PREREQUISITE: None.

33731  11:15AM 12:40PM  TTH  IT  101  J Grant
Last day to add: 03/06/15

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.

33732  02:30PM 03:55PM  MW  ATEC 205  J Eckstein
Last day to add: 03/06/15

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

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.
33739  08:45AM 10:10AM  MW  THTR 101  K Beaman
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33741  09:40AM 11:05AM  TTH  THTR 101  M Donovan
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33745  10:30AM 11:55AM  MW  THTR 101  V Genian
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33746  02:30PM 03:55PM  MW  IT  117  J Bonome
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33751  08:45AM 10:10AM  MW  THTR 101  M Donovan
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

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.
33737  08:00AM 09:25AM  TTH  IT  208  B Tarver
Last day to add: 03/06/15
33734  08:45AM 10:10AM  MW  CACT 1  R Smith
Last day to add: 03/06/15
33733  09:30AM 10:20AM  TH  IT  110  D Payan
Last day to add: 02/23/15
The above section is a short term hybrid class. Computer with Internet access required. See www.opencampus.com. Please consult the Puente counselor prior to enrolling. Please note the start and end dates.
33735  06:30PM 09:50PM  TH  IT  108  Staff
Last day to add: 02/23/15
The above section is a short term class. Please note the start and end dates.

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.
33750  09:40AM 11:05AM  TTH  HUM 103  T Russell
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33752  10:30AM 01:50PM  F  HUM 103  T Russell
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33753  06:00PM 09:35PM  M  HUM 103  M Hickerson
Last day to add: 03/06/15
The above section is a short term class. Please note the start and end dates.

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.
33739  08:45AM 10:10AM  MW  THTR 101  K Beaman
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33741  09:40AM 11:05AM  TTH  THTR 101  M Donovan
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33745  10:30AM 11:55AM  MW  THTR 101  V Genian
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33746  02:30PM 03:55PM  MW  IT  117  J Bonome
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33747  11:15AM 12:40PM  TTH  HUM 103  S Kyriakos
Last day to add: 03/06/15
The above section is a short term class. Please note the start and end dates.

HISTORY

HIS-2  WORLD CIVILIZATIONS 2  3.00 UNITS
The development and interaction of world civilizations from the 16th century to the present.
PREREQUISITE: None.
ADVISORY: Qualification for ENG-1A.
33747  11:15AM 12:40PM  TTH  HUM 103  S Kyriakos
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33751  08:45AM 10:10AM  MW  HUM 103  C Day
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33750  09:40AM 11:05AM  TTH  HUM 103  T Russell
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33752  10:30AM 01:50PM  F  HUM 103  T Russell
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33753  06:00PM 09:35PM  M  HUM 103  M Hickerson
Last day to add: 03/06/15
The above section is a short term class. Please note the start and end dates.
The above section is a short term web-enhanced class. Internet access is required.

**EVENING**
33754 06:00PM 09:10PM  T  WEQ W7  T Russell  
Last day to add: 03/06/15

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

**EVENING**
33749 06:00PM 09:10PM  W  HUM 103  S Hall  
Last day to add: 03/06/15

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

**EVENING**
32029 06:00PM 09:20PM  TH  IT 109  C Day  
02/19/15 06/04/15  Last day to add: 03/02/15

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

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

33757 10:30AM 11:55AM  MW  HUM 103  S Kyriakos  
Last day to add: 03/06/15

33758 12:45PM 02:10PM  MW  HUM 103  S Kyriakos  
Last day to add: 03/06/15

33759 02:00PM 03:25PM  TTH  HUM 103  S Kyriakos  
Last day to add: 03/06/15

33760 04:15PM 05:40PM  MW  HUM 103  S Kyriakos  
Last day to add: 03/06/15

**EVENING**
33761 06:00PM 09:10PM  T  HUM 103  D Reina  
Last day to add: 03/06/15

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

**EVENING**
33756 06:00PM 09:20PM  TH  HUM 103  D Reina  
02/19/15 06/04/15  Last day to add: 03/02/15

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

**WEEKEND**
33755 08:00AM 11:20AM  S  HUM 103  M Hickerson  
02/21/15 06/06/15  Last day to add: 03/04/15

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

**HIS-31**  
**INTRO CHICANO STUDIES**  
3.00 UNITS
A survey of regional Chicano history and social problems from 1950 to the present.  
**PREREQUISITE:** None.

32110 04:15PM 05:40PM  TTH  HUM 103  D Reina  
Last day to add: 03/06/15

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 [www.academic.rcc.edu/honors](http://www.academic.rcc.edu/honors) or call 951-222-8991.

**ECO-7H**  
**HONORS MACROECONOMICS**  
3.00 UNITS
Offers students in the Honors Program an enriched introduction to 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.  
**LIMITATION ON ENROLLMENT:** Enrollment in the Honors Program.

32025 02:30PM 03:55PM  MW  HUM 103  P Boelman  
Last day to add: 03/06/15

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

**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.

33657 10:30AM 12:35PM  TTH  IT 108  D Mills  
Last day to add: 03/06/15

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

**ENG-1BH**  
**HON CRITICAL THINK/WRIT**  
4.00 UNITS
An honors course that emphasizes argument, analysis, and the student of literature, developing critical thinking, reading, and writing skills beyond the level achieved in ENG-1A or 1AH.  
**PREREQUISITE:** ENG-1A or 1AH.  
**LIMITATION ON ENROLLMENT:** Enrollment in the Honors Program.

32113 10:30AM 12:35PM  TTH  ST 211  S Tschetter  
Last day to add: 03/06/15

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

**POL-1H**  
**HONORS AMERICAN POLITICS**  
3.00 UNITS
Offers students in the Honors Program an enriched introduction to the principles, institutions, and issues of American politics.  
**PREREQUISITE:** None.  
**ADVISORY:** REA-83 and qualification for ENG-1A.  
**LIMITATION ON ENROLLMENT:** Enrollment in the Honors Program.

32102 08:45AM 10:10AM  MW  STEM 125  R Brown  
Last day to add: 03/06/15

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

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.
33764  09:40AM 11:05AM TTH  ATEC 211  D Palmer
       Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33765  10:30AM 01:50PM F  IT  209  E Heimlich
       02/20/15 06/05/15
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.

INTERDISCIPLINARY STUDIES

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 students populations.
PREREQUISITE: None.
ADVISORY: Qualification for ENG-1A.
33770  09:30AM 11:35AM F  IT  210  R Prior
       02/20/15 04/10/15
The above section is a short term class. Please note the start and end dates.

JAPANESE

JPN-1  JAPANESE 1 5.00 UNITS
Develops basic skills in understanding, reading, communicating, and writing in Japanese.
PREREQUISITE: None.
33776  03:00PM 06:10PM M  LIBR 109  A Dohr
       05:05PM 05:55PM W  LIBR 121
       11:15AM 12:40PM TTH  LIBR 109
       Last day to add: 03/06/15
JPN-2  JAPANESE 2 5.00 UNITS
Further development of basic skills in understanding, reading, communicating, and writing in Japanese.
PREREQUISITE: JPN-1.
33777  08:00AM 11:10AM TH  LIBR 109
       08:00AM 10:05AM T  LIBR 121
       10:05AM 10:55AM T  LIBR 121
       Last day to add: 03/06/15

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.
33775  10:15AM 11:40AM MW  IT  106
       Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access required.
JOU-20A  NEWSPAPER: BEGINNING  3.00 UNITS
Beginning-level college newspaper production with an emphasis on both theory and practice.
PREREQUISITE: None.
ADVISORY: ENG-1A or 1AH and/or JOU-1 and/or PHO-8.
33771  12:50PM 02:15PM  M  CACT 2  J Muto
02:25PM 04:00PM  M  CACT 2
12:50PM 04:00PM  W  CACT 2
  Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access required.

JOU-20B  NEWSPAPER: INTERMEDIATE  3.00 UNITS
Intermediate-level college newspaper production with an emphasis on both theory and practice.
PREREQUISITE: JOU-20A.
ADVISORY: ENG-1A or 1AH and/or JOU-1 and/or PHO-8.
33772  12:50PM 02:15PM  M  CACT 2  J Muto
02:25PM 04:00PM  M  CACT 2
12:50PM 04:00PM  W  CACT 2
  Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

JOU-20C  NEWSPAPER: ADVANCED  3.00 UNITS
Advanced-level college newspaper production with an emphasis on both theory and practice.
PREREQUISITE: JOU-20B.
ADVISORY: ENG-1A or 1AH and/or JOU-1 and/or PHO-8.
33773  12:50PM 02:15PM  M  CACT 2  J Muto
02:25PM 04:00PM  M  CACT 2
12:50PM 04:00PM  W  CACT 2
  Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

JOU-20D  NEWSPAPER: PROFESSIONAL  3.00 UNITS
Professional-level college newspaper production with an emphasis on both theory and practice.
PREREQUISITE: JOU-20C.
ADVISORY: ENG-1A or 1AH and/or JOU-1 and/or PHO-8.
33774  12:50PM 02:15PM  M  CACT 2  J Muto
02:25PM 04:00PM  M  CACT 2
12:50PM 04:00PM  W  CACT 2
  Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

KIN-10  INTRO TO KINESIOLOGY  3.00 UNITS
The study of human movement, sub-disciplines in Kinesiology and career opportunities.
PREREQUISITE: None.
  EVENING  33778  06:00PM 09:10PM  T  WEQ W3  H Erdle
Last day to add: 03/06/15

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.
33779  03:00PM 04:30PM  TH  WEQ W3  J Winn
06:00PM 08:50PM  TH  WEQ W3
02/19/15 06/04/15  Last day to add: 03/02/15
The above section is a short term class. Please note the start and end dates.

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.
33780  05:45PM 09:25PM  M  WEQ W3  J McMains
02/23/15 06/08/15  Last day to add: 03/06/15
The above section is a short term class. Please note the start and end dates.

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.
33783  09:40AM 11:05AM  TTH  WEQ W3  B Wimer
Last day to add: 03/06/15
33784  11:15AM 12:40PM  TTH  WEQ W3  B Wimer
Last day to add: 03/06/15

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.
33785  10:30AM 11:40AM  MW  WEQ W3  B Wimer
11:50AM 12:40PM  MW  WEQ W2  B Wimer
Last day to add: 03/06/15
33786  12:45PM 01:55PM  MW  WEQ W3  B Wimer
02:05PM 02:55PM  MW  WEQ W2  B Wimer
Last day to add: 03/06/15

KINESIOLOGY

KIN-4  NUTRITION  3.00 UNITS
Principles of basic nutrition and their application to health and diseases.
PREREQUISITE: None.
33788  08:00AM 09:25AM  TTH  WEQ W7  T Wallstrom
Last day to add: 03/06/15
33789  09:40AM 11:05AM  TTH  WEQ W7  T Wallstrom
Last day to add: 03/06/15
33790  11:15AM 12:40PM  TTH  WEQ W7  V Genian
Last day to add: 03/06/15
KIN-A40  KARATE, BEGINNING  1.00 UNITS
Develops basic skills needed for unarmed self-defense by using shifting, blocking, punching and kicking.
PREREQUISITE: None.

< EVENING 
33791  06:00PM 07:25PM  MW  WEQ W2  D Namekata 
Last day to add: 03/06/15

KIN-A46  HATHA YOGA, BEGINNING  1.00 UNITS
Develops physical and mental wellness by exercises for breathing, concentration, flexibility, strength and relaxation.
PREREQUISITE: None.

32026  08:00AM 09:25AM  TTH  WEQ W2  F Stewart 
Last day to add: 03/06/15
33792  08:45AM 10:10AM  MW  WEQ W2  L Zank 
Last day to add: 03/06/15
33793  09:40AM 11:05AM  TTH  WEQ W2  F Stewart 
Last day to add: 03/06/15

KIN-A64  SOCCER  1.00 UNITS
Introduces rules, basic skills, offensive and defensive strategies, and competition in soccer.
PREREQUISITE: None.

33794  08:00AM 09:25AM  TTH  SOCR 2  F Melgarejo 
Last day to add: 03/06/15
33795  10:30AM 11:55AM  MW  SOCR 2  L Jalayer 
Last day to add: 03/06/15

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.

33796  08:00AM 09:25AM  TTH  WEQ W8  B Wimer 
Last day to add: 03/06/15

KIN-A83  KICKBOXING AEROBICS  1.00 UNITS
Develops muscular strength, flexibility and endurance with kickboxing aerobic activity and body conditioning exercises.
PREREQUISITE: None.

33797  04:15PM 05:40PM  MW  WEQ W2  M Kassouf 
Last day to add: 03/06/15

KIN-V95  OUT-OF-SEASON SPORT COND  1.00 UNITS
Applies advanced conditioning and weight training principles for an out-of-season training program preparing for varsity sport competition.
PREREQUISITE: None.
LIMITATION ON ENROLLMENT: Retention based on successful tryout.

33799  09:40AM 11:05AM  TTH  WEQ W8  F Melgarejo 
Last day to add: 03/06/15
33798  12:45PM 02:10PM  MW  WEQ W8  L Jalayer 
Last day to add: 03/06/15

LIBRARY

LIB-1  INFORMATION COMPETENCY  1.00 UNITS
Presents the fundamentals of the effective use of libraries, electronic databases and information.
PREREQUISITE: None.

33800  03:00PM 04:15PM  W  IT 208  V Harris 
02/18/15 04/08/15  Last day to add: 02/22/15
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.

33801  03:00PM 04:15PM  W  IT 208  Staff 
04/22/15 06/10/15  Last day to add: 04/26/15
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.

MANAGEMENT

MAG-44  PRINCIPLES OF MANAGEMENT  3.00 UNITS
An overview of the concepts, processes and techniques of organizational management.
PREREQUISITE: None.

< EVENING 
33802  06:30PM 09:40PM  TH  JFK 102  A Riker 
02/19/15 06/04/15  Last day to add: 03/06/15
The above section is a short term hybrid class that meets on alternating Thursdays beginning 2/26/15. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

< ONLINE 
33803  04/20/15 06/11/15  ON LINE  G Zwart 
02/17/15 04/10/15  Last day to add: 02/25/15
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-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 
32071  06:30PM 09:40PM  TH  IT 111  A Riker 
02/19/15 06/04/15  Last day to add: 03/06/15
The above section is a short term hybrid class that meets on alternating Thursdays beginning 2/19/15. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

< ONLINE 
33804  02/17/15 04/10/15  ON LINE  G Zwart 
02/17/15 04/10/15  Last day to add: 02/25/15
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-53 HUMAN RELATIONS 3.00 UNITS
Practical application of basic psychology in building better employer-
employee relationships.
PREREQUISITE: None.

EVENING
33806 06:30PM-09:40PM T IT 111 E Davalos
Last day to add: 03/06/15
The above section is a hybrid class that meets intermittently. Computer
with Internet access required. See www.opencampus.com. Class meets

MAG-56 HUMAN RESOURCES MANAGEMENT 3.00 UNITS
Introduces techniques involving the selection, training, evaluation and
promotion of employees.
PREREQUISITE: None.

EVENING
32066 06:30PM-09:40PM T IT 111 E Davalos
Last day to add: 03/06/15
The above section is a hybrid class that meets on alternating Tuesdays
beginning 2/24/15. Computer with Internet access required. See

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
33887 06:30PM-09:40PM W IT 108 M Ferguson
Last day to add: 03/06/15
The above section is a hybrid class that meets on alternating
Wednesdays beginning 2/25/15. Computer with Internet access required.

MATH

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

33825 09:40AM-11:45AM TTH WEA W5 D Wood
11:50AM-12:55PM TH WEA W5
Last day to add: 03/06/15
The above section is intended for participants in the STEM Scholars
program. Please see the STEM counselor or coordinator prior to
enrolling.

33827 09:40AM-11:45AM TTH WEA W5 D Wood
11:50AM-12:55PM TH WEA W5
Last day to add: 03/06/15
MAT-1B  CALCULUS II  4.00 UNITS
Integration, applications of integration, series, parametric equations, and polar coordinates.
PREREQUISITE: MAT-1A.

33828  09:40AM 11:45AM TTH WEQ W6 J Parks
       11:50AM 12:55PM T
Last day to add: 03/06/15

32010  02:00PM 04:05PM TTH ATEC 211 R Prior
       04:10PM 05:15PM T
Last day to add: 03/06/15

MAT-1C  CALCULUS III  4.00 UNITS
Vectors, partial differentiation, and multiple integrals with applications.
PREREQUISITE: MAT-1B.

32006  02:00PM 04:05PM TTH STEM 115 A Robles
       Last day to add: 03/06/15

MAT-2  DIFFERENTIAL EQUATIONS  4.00 UNITS
Introduction to differential equations and their applications.
PREREQUISITE: MAT-1B.

32005  09:40AM 11:45AM TTH STEM 115 A Robles
       Last day to add: 03/06/15

MAT-5  CALCULUS, SHORT COURSE  4.00 UNITS
Calculus for economics, business, biology and social science majors. Applications of the derivative and integration.
PREREQUISITE: MAT-35 or qualifying placement level.

33858  10:30AM 12:35PM MW WEQ W4 S Pearsall
       Last day to add: 03/06/15

33857  02:00PM 04:05PM TTH HUM 102 I Lopez
       Last day to add: 03/06/15

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

33809  08:15AM 10:20AM MW IT 109 J Parks
       Last day to add: 03/06/15

33811  12:45PM 02:10PM MW IT 109 N Shumaker
       12:45PM 02:10PM F

33812  12:45PM 02:10PM MW IT 109 N Shumaker
       12:45PM 02:10PM F

The above section is intended for participants in the STEM Scholars program. Please see the STEM counselor or coordinator prior to enrolling.

MAT-11  COLLEGE ALGEBRA  4.00 UNITS
College-level algebra.
PREREQUISITE: MAT-35 or qualifying placement level.

33815  09:40AM 11:45AM TTH ATEC 204 K Sadatmand
       Last day to add: 03/06/15

33817  10:30AM 12:35PM MW ATEC 119 L Ting
       Last day to add: 03/06/15

33813  02:00PM 04:05PM TTH ATEC 204 D Smith
       Last day to add: 03/06/15

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.

32009  08:15AM 10:20AM MW WEQ W6 N Alvarado
       Last day to add: 03/06/15

33819  10:30AM 12:35PM M STEM 115 J Parks
       02/23/15 06/06/15

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.

33821  10:30AM 12:35PM MW ATEC 211 A Robles
       Last day to add: 03/06/15
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.

MAT-35  INTERMEDIATE ALGEBRA  5.00 UNITS
Algebra preparation for college-level mathematics.
PREREQUISITE: MAT-52 or qualifying placement level.

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.
### 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>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>33865</td>
<td>07:20AM 09:25AM</td>
<td>TTH</td>
<td>ATEC 204</td>
<td>N Alvarado</td>
<td></td>
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<tr>
<td>33860</td>
<td>08:15AM 10:20AM</td>
<td>MW</td>
<td>ATEC 119</td>
<td>S Pearsall</td>
<td></td>
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<tr>
<td>33871</td>
<td>08:15AM 10:20AM</td>
<td>MW</td>
<td>IT 209</td>
<td>E Hwang</td>
<td></td>
</tr>
<tr>
<td>33874</td>
<td>08:45AM 10:00AM</td>
<td>MWF</td>
<td>WEQ W5</td>
<td>N Shumaker</td>
<td></td>
</tr>
<tr>
<td>33861</td>
<td>10:30AM 12:35PM</td>
<td>MW</td>
<td>LIRB 108</td>
<td>F Gelenchi</td>
<td></td>
</tr>
<tr>
<td>33862</td>
<td>12:45PM 02:50PM</td>
<td>MW</td>
<td>ATEC 211</td>
<td>J Frewing</td>
<td></td>
</tr>
<tr>
<td>33863</td>
<td>05:30PM 07:35PM</td>
<td>TTH</td>
<td>ATEC 211</td>
<td>S Hashemi</td>
<td></td>
</tr>
<tr>
<td>33866</td>
<td>07:45PM 09:50PM</td>
<td>MW</td>
<td>WEQ W5</td>
<td>S Lee</td>
<td></td>
</tr>
<tr>
<td>33869</td>
<td>07:45PM 09:50PM</td>
<td>TTH</td>
<td>WEQ W4</td>
<td>M Devitt</td>
<td></td>
</tr>
</tbody>
</table>

#### ONLINE

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
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<tbody>
<tr>
<td>33867</td>
<td>08:00AM 09:25AM</td>
<td>MW</td>
<td>WEQ W4</td>
<td>Staff</td>
<td></td>
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<tr>
<td>33875</td>
<td>12:45PM 02:10PM</td>
<td>MW</td>
<td>WEQ W4</td>
<td>K Helmick</td>
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</tr>
<tr>
<td>33876</td>
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<td>TTH</td>
<td>ATEC 205</td>
<td>I Lopez</td>
<td></td>
</tr>
</tbody>
</table>

#### EVENING

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Notes</th>
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<tbody>
<tr>
<td>33878</td>
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<td>MW</td>
<td>HUM 102</td>
<td>K Helmick</td>
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<tr>
<td>33877</td>
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<td>MW</td>
<td>ATEC 210</td>
<td>N Duong</td>
<td></td>
</tr>
<tr>
<td>33879</td>
<td>08:00AM 09:25AM</td>
<td>MW</td>
<td>WEQ W4</td>
<td>Staff</td>
<td></td>
</tr>
</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 4/20 to 4/24 and another day between 6/5 to 6/11.

### MAT-53 COLLEGE GEOMETRY  3.00 UNITS

A course in the study of Euclidian 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>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>32004</td>
<td>08:00AM 09:25AM</td>
<td>MW</td>
<td>WEQ W4</td>
<td>Staff</td>
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<tr>
<td>33875</td>
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<td>MW</td>
<td>WEQ W4</td>
<td>K Helmick</td>
<td></td>
</tr>
<tr>
<td>33876</td>
<td>04:15PM 05:40PM</td>
<td>TTH</td>
<td>ATEC 205</td>
<td>I Lopez</td>
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</tr>
</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 4/20 to 4/24 and another day between 6/5 to 6/11.

### MAT-63 ARITHMETIC  3.00 UNITS

Study of the four basic operations applied to whole numbers, fractions, mixed numbers and decimals, with application to real-world problems. (Non-degree credit course.)

**PREREQUISITE:** None.

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>32008</td>
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<td>Staff</td>
<td></td>
</tr>
</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 4/20 to 4/24 and another day between 6/5 to 6/11.

### MAT-64 PRE-ALGEBRA  3.00 UNITS

Designed as a transition from arithmetic to elementary algebra. (Non-degree credit course.)

**PREREQUISITE:** MAT-63 or 90C.

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>33878</td>
<td>02:30PM 03:55PM</td>
<td>MW</td>
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<td>33877</td>
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<td>ATEC 210</td>
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<td></td>
</tr>
<tr>
<td>33879</td>
<td>08:00AM 09:25AM</td>
<td>MW</td>
<td>WEQ W4</td>
<td>Staff</td>
<td></td>
</tr>
</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 4/20 to 4/24 and another day between 6/5 to 6/11.
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. (Non-degree credit course.)
PREREQUISITE: None.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>33884</td>
<td>08:45AM-10:20AM</td>
<td>MWF</td>
<td>IT 122</td>
<td>J Frewing</td>
</tr>
<tr>
<td></td>
<td>10:30AM-11:55AM</td>
<td>MW</td>
<td>ST 203</td>
<td>B Moore</td>
</tr>
</tbody>
</table>

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

MICROBIOLOGY

MIC-1  MICROBIOLOGY  4.00 UNITS
General characteristics of microbes with emphasis on their control and role in disease.
PREREQUISITE: CHE-2A or 3 and one of the following: AMY-2A, BIO-1, 1H, or 11.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>33885</td>
<td>08:45AM-10:10AM</td>
<td>MW</td>
<td>ST 203</td>
<td>B Moore</td>
</tr>
<tr>
<td></td>
<td>10:30AM-11:55AM</td>
<td>MW</td>
<td>ST 203</td>
<td>B Moore</td>
</tr>
</tbody>
</table>

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

MUSIC

MUS-3  MUSIC FUNDAMENTALS  4.00 UNITS
Basic course in music including notation, rhythm, pitch, keys, scales, intervals, chords and music terminology.
PREREQUISITE: None.
ADVISORY: Concurrent enrollment in an appropriate level piano class.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>33899</td>
<td>08:00AM-09:40AM</td>
<td>MW</td>
<td>HUM 101</td>
<td>K Kamerin</td>
</tr>
<tr>
<td></td>
<td>08:00AM-10:20AM</td>
<td>F</td>
<td>HUM 101</td>
<td>K Kamerin</td>
</tr>
</tbody>
</table>

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

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.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>33897</td>
<td>12:45PM-02:10PM</td>
<td>MW</td>
<td>THTR 101</td>
<td>K Kamerin</td>
</tr>
</tbody>
</table>

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

MUS-23  HISTORY OF ROCK AND ROLL  3.00 UNITS
The comprehensive study of rock music from its beginnings to the present with emphasis on its musical, socio-cultural and historical development. Study will also include stylistic trends and influential artists throughout the years, including the politics of rock.
PREREQUISITE: None.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>33898</td>
<td>02:00PM-03:25PM</td>
<td>TTH</td>
<td>ATEC 114</td>
<td>A Tabor</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>32088</td>
<td>04:15PM-05:40PM</td>
<td>MW</td>
<td>THTR 204</td>
<td>A Phiri</td>
</tr>
</tbody>
</table>

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

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.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
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<td>33900</td>
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<td>T</td>
<td>HUM 101</td>
<td>N Pirozzi</td>
</tr>
<tr>
<td></td>
<td>11:10AM-01:00PM</td>
<td>TH</td>
<td>HUM 101</td>
<td>N Pirozzi</td>
</tr>
</tbody>
</table>

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

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.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>32090</td>
<td>11:10AM-12:00PM</td>
<td>T</td>
<td>HUM 101</td>
<td>N Pirozzi</td>
</tr>
<tr>
<td></td>
<td>11:10AM-01:00PM</td>
<td>TH</td>
<td>HUM 101</td>
<td>N Pirozzi</td>
</tr>
</tbody>
</table>

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

32091  11:10AM 12:00PM T HUM 101 N Pirozzi
11:10AM 01:00PM TH HUM 101
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

PHILOSOPHY

PHI-10  INTRO TO PHILOSOPHY  3.00 UNITS
Introduction to the major questions of Western philosophy and their answers.
PREREQUISITE: None.

33909  08:00AM 09:25AM TTH WEQ W5 N Westbrook
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

33905  10:30AM 01:50PM F IT 122 J Sentmanat
02/20/15 06/05/15
Last day to add: 03/03/15
The above section is a short term class. Please note the start and end dates.

33908  04:15PM 05:40PM TTH IT 117 L Montes
Last day to add: 03/06/15

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

32091  11:10AM 12:00PM T HUM 101 N Pirozzi
11:10AM 01:00PM TH HUM 101
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

MUS-38  BEGIN APPLIED MUSIC TRAINING  2.00 UNITS
Vocal or instrumental individualized music instruction. Not designed for beginning students.
PREREQUISITE: None.
LIMITATION ON ENROLLMENT: Audition on or before the first class meeting.

33902  TBA K Kamerin
Last day to add: 03/12/15
The above section is a web-enhanced class. Internet access is required.

This course offers private study in voice, piano, guitar, bass, or drums. An audition is required. Students are required to attend the Norco Music Lab for 6 hours each week. For information, contact the instructor at kim.kamerin@norcocollege.edu or 951-738-7703.

MUS-39  MUSIC OF MULTICULTURAL AMERICA  3.00 UNITS
A comparative and integrative study of the multicultural musical styles of the United States.
PREREQUISITE: None.
PHI-12 ETHICS: CONTEMP MORAL ISSUES 3.00 UNITS
An examination of contemporary moral problems in light of ethical theory.
PREREQUISITE: None.
33913 10:30AM 11:55AM MW WEQ W5 J Tyndal
Last day to add: 03/06/15

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.
33914 02:30PM 03:55PM MW WEQ W7 C Booher
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

PHI-33 SOCIAL/POLIT PHILOSOPHY 3.00 UNITS
Introduction to issues in social and political philosophy.
PREREQUISITE: None.
ADVISORY: Qualification for ENG-1A.
33915 10:30AM 11:55AM MW HUM 111 C Booher
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

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.
33917 09:40AM 11:05AM TTH HUM 201 D Johnson
Last day to add: 03/06/15

PHYSICS

PHY-4A MECHANICS 4.00 UNITS
The study of the relationships among force, matter, and motion.
PREREQUISITE: None.
COREQUISITE: MAT-1A.
32100 08:45AM 10:10AM MW 01:00PM 04:10PM W HUM 201 P Tran
Last day to add: 03/06/15
The above section is a web-enhanced class that is intended for participants in the STEM Scholars program. Please see the STEM counselor or coordinator prior to enrolling. Internet access is required.

The above section is a web-enhanced class. Internet access is required.
POL-2    COMPARATIVE POLITICS  3.00 UNITS
A comparison of political institutions, systems, issues, and policies encompassing many regions and states in the world.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
33937 04:15PM 05:40PM TTH IT 122 R Brown
Last day to add: 03/06/15

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

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.
33946 07:00AM 10:20AM F ATEC 204 R Alcaraz
02/20/15 06/05/15 Last day to add: 03/03/15

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

33940 08:00AM 09:25AM TTH ATEC 210 B Adams
Last day to add: 03/06/15

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

33938 10:30AM 11:55AM M WEQ W6 L Adams
02/23/15 06/08/15 Last day to add: 03/06/15

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.

33941 10:30AM 11:55AM W WEQ W6 L Adams
Last day to add: 03/06/15

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

33942 12:45PM 02:10PM MW ATEC 204 B Adams
Last day to add: 03/06/15

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

33943 02:00PM 03:25PM TTH ATEC 205 J Zeeb
Last day to add: 03/06/15

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

33944 04:15PM 05:40PM MW ATEC 204 L Krajewski
Last day to add: 03/06/15

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

33948 04:15PM 05:40PM MW WEQ W7 R Alcaraz
Last day to add: 03/06/15

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

POL-1H    HONORS AMERICAN POLITICS  3.00 UNITS
Offers students in the Honors Program an enriched introduction to the principles, institutions, and issues of American politics.
PREREQUISITE: None.
ADVISORY: REA-83 and qualification for ENG-1A.
LIMITATION ON ENROLLMENT: Enrollment in the Honors Program.
33924 11:15AM 12:40PM TTH IT 122 D Makin
Last day to add: 03/06/15

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

33927 02:00PM 03:25PM TTH IT 122 D Makin
Last day to add: 03/06/15

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

33934 04:15PM 05:40PM MW IT 122 R Madrid
Last day to add: 03/06/15

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

33928 06:00PM 07:50PM M WEQ W6 R Madrid
02/23/15 06/08/15 Last day to add: 03/06/15

The above section is a short term hybrid class. Computer with Internet access required. Please note the start and end dates.

33932 06:00PM 09:10PM T THTR 101 R Brown
Last day to add: 03/06/15

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

32102 08:45AM 10:10AM MW STEM 125 R Brown
Last day to add: 03/06/15

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

33935 08:00AM 11:20AM S IT 122 Staff
02/21/15 06/06/15 Last day to add: 03/06/15

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

33933 06:00PM 09:10PM T IT 122 D Makin
Last day to add: 03/06/15

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

33931 06:00PM 07:50PM M WEQ W6 R Madrid
02/23/15 06/08/15 Last day to add: 03/06/15

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.

33930 06:00PM 09:10PM T IT 122 W Radtke
Last day to add: 03/06/15

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

33929 06:00PM 09:10PM T IT 117 W Radtke
Last day to add: 03/06/15

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

33936 06:00PM 09:10PM T IT 117 W Radtke
Last day to add: 03/06/15

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

33937 04:15PM 05:40PM MW WEQ W7 R Alcaraz
Last day to add: 03/06/15

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

33947 08:00AM 11:20AM S IT 101 J Hicks
02/21/15 06/06/15 Last day to add: 03/04/15

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.
33494 09:40AM 11:05AM TTH IT 101 L Adams Last day to add: 03/06/15
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.
32105 08:45AM 10:10AM MW ATEC 205 L Adams Last day to add: 03/06/15
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.
33952 10:30AM 11:55AM MW IT 117 K Norton Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33954 11:15AM 12:40PM TTH ATEC 205 T Guild Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33956 02:30PM 03:55PM MW ATEC 204 K Norton Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
33955 04:15PM 05:40PM TTH ATEC 119 J Zeeb Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

READING
REA-81  READING, LEVEL I  3.50 UNITS
Instruction in basic reading skills, along with individually prescribed practice work in a wide range of materials. (Non-degree credit course.)
PREREQUISITE: None.
33958 07:00AM 07:50AM TTH LIBR 110 M Sloniger Last day to add: 03/06/15
08:00AM 09:30AM TTH LIBR 110 Last day to add: 03/06/15
33957 10:00AM 10:50AM TTH LIBR 110 M Sloniger Last day to add: 03/06/15
11:00AM 12:30PM TTH LIBR 110 Last day to add: 03/06/15

EVENING
32077 06:00PM 07:30PM MW JFK 117 P Van Osterhoudt Last day to add: 03/06/15
07:40PM 08:30PM MW JFK 117 Last day to add: 03/06/15

REA-82  READING, LEVEL II  3.50 UNITS
Intended for students who experience significant difficulty in reading college-level materials. (Non-degree credit course.)
PREREQUISITE: REA-81 or qualifying placement level.
33961 07:15AM 08:05AM MW LIBR 110 M Sloniger Last day to add: 03/06/15
08:15AM 09:45AM MW LIBR 110 Last day to add: 03/06/15
33959 10:30AM 11:20AM MW LIBR 110 M Sloniger Last day to add: 03/06/15
11:30AM 01:00PM MW LIBR 110 Last day to add: 03/06/15

EVENING
33960 08:00AM 09:25AM TTH LIBR 110 D Eaves Last day to add: 03/06/15
06:40PM 07:30PM MW LIBR 110 Last day to add: 03/06/15

EVENING
32078 06:00PM 07:30PM TTH JFK 119 P Van Osterhoudt Last day to add: 03/06/15
07:40PM 08:30PM TTH JFK 119 Last day to add: 03/06/15

REA-83  READING, LEVEL III  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.
33962 08:00AM 09:25AM TTH LIBR 108 M Adebayo-Ige Last day to add: 03/06/15

EVENING
33963 06:00PM 09:20PM TH JFK 118 M Campos Last day to add: 03/02/15
02/17/15 06/04/15 Last day to add: 03/02/15

PSY-35  ABNORMAL PSYCHOLOGY  3.00 UNITS
A survey of the nature, causes and treatment of psychological disorder.
PREREQUISITE: None.
32107 08:00AM 09:25AM TTH IT 117 L Adams Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

PSY-50  RESEARCH METHODS IN PSYCHOLOGY  4.00 UNITS
The study and application of scientific methods used in behavioral research.
PREREQUISITE: PSY-1 and MAT-12/12H.
32114 02:00PM 03:50PM TTH CACT 2 T Guild Last day to add: 03/06/15
04:00PM 05:25PM T CACT 2 Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.
### 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.*  
- **33966**  04:00PM 05:35PM  M  IT 101  T Wagner  
  02/23/15 06/08/15  Last day to add: 03/06/15  
The above section is a short term hybrid class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**ONLINE**  
- **33964**  ON LINE  Staff  
  02/17/15 04/10/15  Last day to add: 02/25/15  
The above section is a short term online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**ONLINE**  
- **33965**  ON LINE  T Wagner  
  04/20/15 06/11/15  Last day to add: 04/28/15  
The above section is a short term online class. Computer with Internet access required. See [www.opencampus.com](http://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.*  
- **33967**  ON LINE  T Wagner  
  02/17/15 04/10/15  Last day to add: 02/25/15  
The above section is a short term online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**ONLINE**  
- **33968**  ON LINE  B Miller  
  04/20/15 06/11/15  Last day to add: 04/28/15  
The above section is a short term online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**RLE-82  LEGAL ASPECT RL ESTAT  3.00 UNITS**  
California real estate law as it applies to acquisition, ownership, trust deeds, transfers, foreclosure and probate.  
*PREREQUISITE: None.*  
- **33969**  ON LINE  T Wagner  
  02/17/15 04/10/15  Last day to add: 02/25/15  
The above section is a short term online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**ONLINE**  
- **33970**  ON LINE  T Wagner  
  04/20/15 06/11/15  Last day to add: 04/28/15  
The above section is a short term online class. Computer with Internet access required. See [www.opencampus.com](http://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.*  
- **33971**  ON LINE  T Wagner  
  02/17/15 04/10/15  Last day to add: 02/25/15  
The above section is a short term online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**ONLINE**  
- **33972**  ON LINE  T Wagner  
  04/20/15 06/11/15  Last day to add: 04/28/15  
The above section is a short term online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

**RLE-85  REAL ESTATE ECON  3.00 UNITS**  
Examples of trends and factors affecting real estate values, fluctuations, cycles and market trends.  
*PREREQUISITE: None.*  
- **33973**  ON LINE  B Miller  
  02/17/15 04/10/15  Last day to add: 02/25/15  
The above section is a short term online class. Computer with Internet access required. See [www.opencampus.com](http://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.*  
- **33976**  07:10AM 08:35AM  MW  WEQ W7  K Andacheh  
  Last day to add: 03/06/15  
- **33978**  08:00AM 09:25AM  TTH  ATEC 114  K Andacheh  
  Last day to add: 03/06/15  
- **33977**  08:45AM 10:10AM  MW  WEQ W7  K Andacheh  
  Last day to add: 03/06/15  
- **33983**  09:40AM 11:05AM  TTH  ATEC 114  K Andacheh  
  Last day to add: 03/06/15  
- **33979**  10:30AM 11:55AM  MW  WEQ W7  K Andacheh  
  Last day to add: 03/06/15  
- **33982**  10:30AM 1:50PM  F  ATEC 210  R Halili  
  02/20/15 06/05/15  Last day to add: 03/03/15  
The above section is a short term web-enhanced class. Internet access is required. Please note the start and end dates.
SPANISH

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.

33991  08:00AM 10:05AM  M  LIBR 121  N Guillen
10:05AM 10:55AM  M  LIBR 121
08:00AM 11:10AM  W  LIBR 109
Last day to add: 03/06/15

33990  08:00AM 01:50PM  F  LIBR 121  O Rios
01:50PM 02:55PM  F  LIBR 121
02/20/15 06/05/15
Last day to add: 03/03/15

SPA-2  SPANISH 2  5.00 UNITS
Develops proficiency in understanding, reading, communicating and writing in Spanish.
PREREQUISITE: SPA-1.
ADVISORY: Completion of placement test to assess level of proficiency in Spanish.

33992  11:45AM 02:55PM  M  LIBR 109  D Hitchcock
11:45AM 01:50PM  W  LIBR 121
02/20/15 06/05/15
Last day to add: 03/06/15

33994  02:00PM 04:05PM  T  LIBR 121  A Godlion
04:05PM 05:55PM  T  LIBR 121
02/20/15 06/05/15
Last day to add: 03/06/15

32064  03:00PM 05:55PM  M  LIBR 121  Staff
05:05PM 06:55PM  M  LIBR 121
03:00PM 06:10PM  W  LIBR 109
Last day to add: 03/06/15

SOC-2  AMER SOCIAL PROB  3.00 UNITS
Identification and analysis of major contemporary social problems.
PREREQUISITE: None.

33975  06:00PM 09:10PM  T  IT  101  F Vu
Last day to add: 03/06/15
The above section is a web-enhanced class. Internet access is required.

33980  06:00PM 09:20PM  TH  IT  101  M Ysais
02/19/15 06/04/15
Last day to add: 03/02/15
The above section is a short term class. Please note the start and end dates.

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.

33984  08:00AM 11:20AM  S  HUM  111  A Alvarez
02/21/15 06/06/15
Last day to add: 03/04/15
The above section is a short term class. Please note the start and end dates.

SOC-3  SOCIAL INEQUALITY  3.00 UNITS
An introduction to the theory, extent and consequences of social inequality in American society.
PREREQUISITE: None.

33986  06:00PM 09:35PM  M  HUM  111  F Vu
02/23/15 06/08/15
Last day to add: 03/06/15
The above section is a short term class. Please note the start and end dates.

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

33987  06:00PM 09:10PM  W  ATEC 204  E Kazsuk
02/20/15 06/05/15
Last day to add: 03/06/15
The above section is a short term class. Please note the start and end dates.

33988  11:15AM 12:40PM  TTH  ATEC 114  K Andacheh
02/23/15 06/08/15
Last day to add: 03/06/15
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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/NorcoAssessment/esSARS.asp

If you need to speak with someone directly, please call the Norco College Assessment Center at (951) 372-7176.

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.

33996  08:00AM 11:10AM  M  LIBR 109  D Hitchcock
08:00AM 10:05AM  W  LIBR 121
10:05AM 10:55AM  W  LIBR 121
Last day to add: 03/06/15

33995  02:00PM 05:10PM  T  LIBR 109  P Rivera
02:00PM 04:05PM  TH  LIBR 121
04:05PM 05:55PM  TH  LIBR 121
Last day to add: 03/06/15

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.

33997  06:20PM 09:30PM  M  LIBR 109  I Vejar
06:20PM 08:25PM  W  LIBR 121
08:25PM 09:15PM  W  LIBR 121
Last day to add: 03/06/15

SPA-4 SPANISH 4  5.00 UNITS
Further development of intermediate skills in understanding, reading, communicating, and writing in Spanish.
PREREQUISITE: SPA-3 or 3N or qualifying placement level on the Spanish assessment test or equivalent.

33998  08:00AM 11:10AM  T  LIBR 109  D Hitchcock
08:00AM 10:05AM  TH  LIBR 121
10:05AM 10:55AM  TH  LIBR 121
Last day to add: 03/06/15

SPA-8 INTERMEDIATE CONVERSATION  3.00 UNITS
Enhancement of intermediate conversational skills within the context of Hispanic culture and daily life.
PREREQUISITE: SPA-2, 2H, 3, 3N, or 4.

33999  11:25AM 12:50PM  TTH  LIBR 121  P Rivera
Last day to add: 03/06/15

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.

34001  01:55PM 03:20PM  TTH  THTR 101  A Levy
Last day to add: 03/06/15

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

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

34001  01:55PM 03:20PM  TTH  THTR 101  A Levy
Last day to add: 03/06/15

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

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

34001  01:55PM 03:20PM  TTH  THTR 101  A Levy
Last day to add: 03/06/15

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### 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.  
33465 08:00AM 09:25AM TTH  IT 109 P Worsham  
02/17/15 04/09/15  
**EVENING**  
33461 06:00PM 07:25PM TTH  ATEC 114 Y Kirkpatrick  
02/17/15 04/09/15  
33466 08:00AM 11:20AM S  IT 109 V Turner  
02/21/15 06/06/15  
33469 04/20/15 06/11/15  
**WEEKEND**  
32002 08:00AM 11:20AM S  IT 202 M Snow  
02/21/15 06/06/15  
33470 08:00AM 09:25AM TTH  IT 109 P Worsham  
04/21/15 06/11/15  
33471 08:00AM 09:25AM TTH  IT 109 M Scott  
02/17/15 04/10/15  
33472 04/20/15 06/11/15  
33474 06:00PM 09:50PM M  IT 202 P Richardson  
02/23/15 06/08/15  
32027 08:00AM 12:30PM S  HUM 102 D Cescolini  
02/21/15 06/06/15

**ACC-1B  PRINCIPLES OF ACCOUNTING II  3.00 UNITS**
A study of managerial accounting principles and information systems.  
**PREREQUISITE:** ACC-1A.  
33470 08:00AM 09:25AM TTH  IT 109 P Worsham  
04/21/15 06/11/15  
33474 06:00PM 09:50PM M  IT 202 P Richardson  
02/23/15 06/08/15  
33472 04/20/15 06/11/15  
**EVENING**  
33467 06:00PM 07:25PM TTH  ATEC 114 Y Kirkpatrick  
04/21/15 06/11/15  
33469 04/20/15 06/11/15  
**ONLINE**  
33464 ON LINE P Worsham  
04/20/15 06/11/15  
33471 ON LINE M Scott  
02/17/15 04/10/15  
33472 ON LINE M Scott  
04/20/15 06/11/15  
32027 ON LINE D Cescolini  
02/21/15 06/06/15

**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.  
**WEEKEND**  
32002 08:00AM 11:20AM S  IT 202 M Snow  
02/21/15 06/06/15  
33470 08:00AM 09:25AM TTH  IT 109 P Worsham  
02/17/15 04/09/15  
33471 08:00AM 09:25AM TTH  IT 109 M Scott  
02/17/15 04/10/15  
33472 04/20/15 06/11/15  
**ONLINE**  
33464 ON LINE P Worsham  
04/20/15 06/11/15  
33471 ON LINE M Scott  
02/17/15 04/10/15  
33472 ON LINE M Scott  
04/20/15 06/11/15  
32027 ON LINE D Cescolini  
02/21/15 06/06/15

**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.  
**ONLINE**  
33471 06:00PM 09:50PM M  IT 202 P Richardson  
02/23/15 06/08/15  
33472 04/20/15 06/11/15  
**ONLINE**  
33464 ON LINE P Worsham  
04/20/15 06/11/15  
33471 ON LINE M Scott  
02/17/15 04/10/15  
33472 ON LINE M Scott  
04/20/15 06/11/15  
32027 ON LINE D Cescolini  
02/21/15 06/06/15

**ACC-65  COMPUTERIZED ACCOUNTING  3.00 UNITS**
Computerized accounting through the use of commercial software accounting packages.  
**PREREQUISITE:** ACC-1A or 55.  
**ADVISORY:** CIS-1A or 3.  
**ONLINE**  
33467 06:00PM 07:25PM TTH  ATEC 114 Y Kirkpatrick  
04/21/15 06/11/15  
33469 ON LINE P Worsham  
04/20/15 06/11/15  
33474 06:00PM 09:50PM M  IT 202 P Richardson  
02/23/15 06/08/15  
33472 04/20/15 06/11/15  
**EVENING**  
33464 ON LINE P Worsham  
04/20/15 06/11/15  
33471 ON LINE M Scott  
02/17/15 04/10/15  
33472 ON LINE M Scott  
04/20/15 06/11/15  
32027 ON LINE D Cescolini  
02/21/15 06/06/15

**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.  
**WEEKEND**  
32027 08:00AM 12:30PM S  HUM 102 D Cescolini  
02/21/15 06/06/15  
33474 06:00PM 09:50PM M  IT 202 P Richardson  
02/23/15 06/08/15  
33472 04/20/15 06/11/15  
**ONLINE**  
33464 ON LINE P Worsham  
04/20/15 06/11/15  
33471 ON LINE M Scott  
02/17/15 04/10/15  
33472 ON LINE M Scott  
04/20/15 06/11/15  
32027 ON LINE D Cescolini  
02/21/15 06/06/15

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
<th>Prerequisite(s)</th>
<th>Advisory:</th>
<th>Time</th>
<th>Days of the Week</th>
<th>Location</th>
<th>Instructor</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADJ-3</td>
<td>CONCEPTS OF CRIMINAL LAW</td>
<td>3.00</td>
<td>Philosophy of law and constitutional provisions; definitions, classification of crimes. (Same as JUS-3)</td>
<td>None.</td>
<td></td>
<td></td>
<td></td>
<td>STEM 115</td>
<td>Staff</td>
<td>06:00PM 09:20PM TH 02/19/15 06/04/15 Last day to add: 03/02/15</td>
</tr>
<tr>
<td>ANT-2</td>
<td>CULTURAL ANTHRO</td>
<td>3.00</td>
<td>An introduction to the anthropological concept of culture and to the methods and theories used in the comparative analysis of cultures.</td>
<td>None.</td>
<td></td>
<td></td>
<td></td>
<td>HUM 111</td>
<td>D Cheetham</td>
<td>07:30AM 10:20AM F 02/20/15 06/05/15 Last day to add: 03/03/15</td>
</tr>
<tr>
<td>ANT-3</td>
<td>PREHISTORIC CULTURES</td>
<td>3.00</td>
<td>The development of prehistoric societies from the earliest evidence of human culture to the beginnings of recorded history.</td>
<td>None.</td>
<td></td>
<td></td>
<td></td>
<td>STEM 115</td>
<td>V Mixson</td>
<td>04:00PM 05:35PM M 02/23/15 06/08/15 Last day to add: 03/06/15</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.</td>
<td>None.</td>
<td>Qualification for ENG-1A.</td>
<td></td>
<td></td>
<td>ATEC 114</td>
<td>B May</td>
<td>10:30AM 01:50PM F 02/20/15 06/05/15 Last day to add: 03/03/15</td>
</tr>
<tr>
<td>ART-44A</td>
<td>BEG ANIMATION PRINCIPLES</td>
<td>3.00</td>
<td>Introduction to traditional animation.</td>
<td>ART-17. ART-22 and 40A.</td>
<td></td>
<td></td>
<td></td>
<td>IT 110</td>
<td>K Kinoshita</td>
<td>09:00AM 11:10AM F 11:20AM 03:50PM F 02/20/15 06/05/15 Last day to add: 03/03/15</td>
</tr>
<tr>
<td>ART-44B</td>
<td>INTERMED ANIMATION PRINCIPLES</td>
<td>3.00</td>
<td>Intermediate continuation of animation principles.</td>
<td>ART-44A. ART-22 and 40A.</td>
<td></td>
<td></td>
<td></td>
<td>IT 110</td>
<td>K Kinoshita</td>
<td>09:00AM 11:10AM F 11:20AM 03:50PM F 02/20/15 06/05/15 Last day to add: 03/03/15</td>
</tr>
<tr>
<td>BUS-10</td>
<td>INTRO TO BUSINESS</td>
<td>3.00</td>
<td>Considers scope, function and organization of business, including principles and practices, with an integrated global perspective.</td>
<td>None.</td>
<td></td>
<td></td>
<td></td>
<td>STEM 115</td>
<td>V Mixson</td>
<td>04:00PM 05:35PM M 02/23/15 06/08/15 Last day to add: 03/06/15</td>
</tr>
<tr>
<td>BUS-20</td>
<td>BUSINESS MATH</td>
<td>3.00</td>
<td>Introduces math based approaches to solving common business problems. Includes the areas of business statistics, pricing, payroll, taxes, interest, personal finance, and business finance.</td>
<td>None.</td>
<td></td>
<td></td>
<td></td>
<td>ATEC 204</td>
<td>R Beck</td>
<td>06:00PM 07:25PM TH 02/19/15 06/04/15 Last day to add: 03/06/15</td>
</tr>
<tr>
<td>BUS-22</td>
<td>MGMT COMMUNICATIONS</td>
<td>3.00</td>
<td>Examines the dynamics of organizational communication including interpersonal, verbal, nonverbal and written.</td>
<td>None.</td>
<td>CAT-30.</td>
<td></td>
<td></td>
<td>IT 110</td>
<td>V Mixson</td>
<td>04:00PM 05:35PM M 02/23/15 06/08/15 Last day to add: 03/06/15</td>
</tr>
</tbody>
</table>

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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**
32072  06:30PM-09:40PM  TH  JFK  117  A Riker
02/17/15 06/04/15 Last day to add: 03/02/15
The above section is a hybrid class that meets on alternating Thursdays beginning 2/19/15. Computer with Internet access required. See www.opencampus.com.

**ONLINE**
33533  ONLINE  G Zwart
02/17/15 04/10/15 Last day to add: 02/25/15
The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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

**ONLINE**
33534  ONLINE  R Beck
02/17/15 04/10/15 Last day to add: 02/25/15
The above section is an online class. Computer with Internet access required. See www.opencampus.com.

**ONLINE**
33535  ONLINE  R Beck
04/20/15 06/11/15 Last day to add: 04/28/15
The above section is an online class. Computer with Internet access required. See www.opencampus.com.

BUS-86  TRANSPORTATION/TRAFFIC MGMT  3.00 UNITS
A study of the domestic freight transportation system, including pricing, regulation and traffic management.
PREREQUISITE: None.

**ONLINE**
33537  ONLINE  C Pentis
04/20/15 06/11/15 Last day to add: 04/28/15
The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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**
32012  ONLINE  R Beck
02/17/15 04/10/15 Last day to add: 02/25/15
The above section is an online class. Computer with Internet access required. See www.opencampus.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.

**EVENING**
33578  06:00PM-09:35PM  M  IT  110  B Rihan
02/23/15 06/08/15 Last day to add: 03/06/15

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.

33584  07:10AM-08:40AM  MTWTH  IT  206  M Lewis
02/17/15 04/09/15 Last day to add: 02/22/15
33587  07:10AM-08:40AM  MTWTH  IT  206  M Lewis
04/20/15 06/11/15 Last day to add: 04/26/15

**EVENING**
33589  06:00PM-07:30PM  TH  ATEC 119  J Muto
02/17/15 06/04/15 Last day to add: 03/02/15
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

**WEEKEND**
33585  08:00AM-11:20AM  S  IT  210  B Rihan
02/21/15 06/06/15 Last day to add: 03/04/15

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**
33579  ONLINE  A Olaerts
02/17/15 04/10/15 Last day to add: 02/25/15
The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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.

33562  10:30AM-01:50PM  F  ATEC 118  D Friedman
02/20/15 06/05/15 Last day to add: 03/03/15
The above section is a web-enhanced class and has an 18-hour laboratory requirement to be arranged. Internet is required. In addition to the time spent in class, students are required to attend the Norco Computer Lab in LIBR LRC for 1 hour each week.

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
<th>Prerequisite:</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS-5</td>
<td>PROGRAM LOGIC USING C++</td>
<td>4.00</td>
<td>Introduction to computer science for gaming business, scientific and mathematical applications using C++. (Same as CSC-5)</td>
<td>None.</td>
<td>08:00AM - 11:20AM</td>
<td>F</td>
<td>IT 202</td>
<td>M Chapman</td>
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<td></td>
<td>11:50AM - 03:10PM</td>
<td>F</td>
<td>IT 202</td>
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<tr>
<td>CIS-72A</td>
<td>INTRO WEB PAGE CREATION</td>
<td>1.50</td>
<td>Introduction to webpage creation using XHTML to create pages with formatted text, hyperlinks, lists, images, tables, frames and forms.</td>
<td>None.</td>
<td>08:00AM - 11:50AM</td>
<td>F</td>
<td>IT 106</td>
<td>B Steffel</td>
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<tr>
<td>CIS-78B</td>
<td>ADVANCED ADOBE PHOTOSHOP</td>
<td>3.00</td>
<td>Advanced techniques and methods for using Adobe Photoshop to produce custom graphic solutions, including advanced tips and tricks for enhanced image creation. (Same as CAT-78B)</td>
<td>CIS-78A.</td>
<td>08:30AM - 11:50AM</td>
<td>F</td>
<td>IT 106</td>
<td>B Steffel</td>
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<tr>
<td>CIS-98A</td>
<td>INTRO TO EXCEL</td>
<td>1.50</td>
<td>An introduction to electronic spreadsheets using Excel. (Same as CAT-98A)</td>
<td>None.</td>
<td>08:30AM - 11:50AM</td>
<td>F</td>
<td>IT 117</td>
<td>S Roginski</td>
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<tr>
<td>CON-67</td>
<td>MECHANICAL CODE</td>
<td>3.00</td>
<td>Review of mechanical codes and regulations in construction.</td>
<td>None.</td>
<td>06:30PM - 09:50PM</td>
<td>TH</td>
<td>IT 122</td>
<td>J Thomas</td>
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<tr>
<td>CON-71</td>
<td>ENERGY CONSERVATION</td>
<td>1.50</td>
<td>Application of current Energy Conservation Standards, regulations and codes to residential building.</td>
<td>None.</td>
<td>06:00PM - 09:35PM</td>
<td>M</td>
<td>IT 123</td>
<td>J Thomas</td>
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<td>02/23/15 - 04/09/15</td>
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<tr>
<td>CON-72</td>
<td>CALIF STATE ACCESSIBILITY</td>
<td>1.50</td>
<td>Examines the provisions of Title 24 accessibility standards of the California Uniform Building Code.</td>
<td>None.</td>
<td>06:00PM - 09:35PM</td>
<td>M</td>
<td>IT 123</td>
<td>J Thomas</td>
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<td>04/20/15 - 06/08/15</td>
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<td>Last day</td>
<td>04/24/15</td>
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<tr>
<td>DAN-6</td>
<td>DANCE APPRECIATION</td>
<td>3.00</td>
<td>A non-technical course leading to the appreciation and understanding of dance as communication, entertainment and art.</td>
<td>None.</td>
<td>06:00PM - 09:35PM</td>
<td>M</td>
<td>IT 117</td>
<td>S Roginski</td>
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<td>Last day</td>
<td>03/06/15</td>
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<tr>
<td>EAR-26</td>
<td>HEALTH, SAFETY AND NUTRITION</td>
<td>3.00</td>
<td>A study of health, safety and nutrition factors of importance to the teacher, child and family of the young child.</td>
<td>None.</td>
<td>10:30AM - 01:40PM</td>
<td>F</td>
<td>LIBR 108</td>
<td>B Zentgraf</td>
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<tr>
<td>EAR-34</td>
<td>INFANT/TODDLER CARE &amp; EDUC</td>
<td>3.00</td>
<td>Applies current theory and research to the care and education of infants and toddlers in group settings.</td>
<td>None.</td>
<td>06:00PM - 09:35PM</td>
<td>M</td>
<td>IT 129</td>
<td>L Vazquez</td>
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<tr>
<td>EAR-44</td>
<td>ADMIN I PROGRAM ECE</td>
<td>3.00</td>
<td>Introduction to the administration of early childhood programs.</td>
<td>EAR-20, 24, 28 and 42.</td>
<td>06:00PM - 09:20PM</td>
<td>TH</td>
<td>IT 209</td>
<td>T Oliver</td>
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<td>02/19/15 - 06/04/15</td>
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<th>Units</th>
<th>Description</th>
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<tbody>
<tr>
<td>ENG-1A</td>
<td>ENGLISH COMPOSITION</td>
<td>4.00</td>
<td>Teaches college-level critical reading, academic writing, and research skills. PREREQUISITE: ENG-50 or 80 or qualifying placement level.</td>
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<tr>
<td>ENG-60A</td>
<td>ENGL FUND: SENT TO PARAGRAPH</td>
<td>4.00</td>
<td>This course instills basic writing, reading, and grammar skills via sentence and paragraph writing. (Non-degree credit course. Pass/No Pass only.) PREREQUISITE: None.</td>
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<tr>
<td>ENG-60B</td>
<td>ENGL FUND: PARAGRAPH TO ESSAY</td>
<td>4.00</td>
<td>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.</td>
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<tr>
<td>GAM-44</td>
<td>PORTFOLIO PRODUCTION</td>
<td>2.00</td>
<td>Creation and presentation of a professional portfolio including compositing, audio and video editing skills to present work in 3D modeling, animation, game design, game programming, audio or concept art. PREREQUISITE: GAM-23, 32, 46, 48, 52, CIS/CSC-17B, 18B, or MUC-6.</td>
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<tr>
<td>GAM-79A</td>
<td>GAME STUDIO: ANIMATION</td>
<td>4.00</td>
<td>This is the culminating class in the area of animation for game development. Students work in interdisciplinary teams to develop an original digital game. The classroom production environment utilizes game industry production practices and constructs including milestones and deliverables. PREREQUISITE: GAM-48.</td>
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<tr>
<td>GAM-79B</td>
<td>GAME STUDIO: CHARACTER MODELING</td>
<td>4.00</td>
<td>This is the culminating class in the area of character modeling for game art. Students work in interdisciplinary teams to develop an original digital game. The classroom production environment utilizes game industry production practices and constructs including milestones and deliverables. PREREQUISITE: GAM-34.</td>
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<tr>
<td>GAM-79C</td>
<td>GAME STUDIO: ENVIRONMENTS</td>
<td>4.00</td>
<td>This is the culminating class in the area of developing environments and vehicles for games. Students work in interdisciplinary teams to develop an original digital game. The classroom production environment utilizes game industry production practices and constructs including milestones and deliverables. PREREQUISITE: GAM-46.</td>
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<tr>
<td>GAM-79D</td>
<td>GAME STUDIO: AUDIO</td>
<td>4.00</td>
<td>This is the culminating class in the area of game audio. Students work in interdisciplinary teams to develop an original digital game. The classroom production environment utilizes game industry production practices and constructs including milestones and deliverables. PREREQUISITE: MUC-6.</td>
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</tbody>
</table>
GAM-79E  GAME STUDIO: GAME DESIGN  4.00 UNITS
This is the culminating class in the area of game design. Students work in interdisciplinary teams to develop an original digital game. The classroom production environment utilizes game industry production practices and constructs including milestones and deliverables.
PREREQUISITE: GAM-23.

32042  08:00AM 11:20AM  F  IT 125 J Ruiz
 11:50AM 03:10PM  F  IT 125 J Ruiz
02/20/15 06/05/15  Last day to add: 03/03/15
The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this section.

GAM-79F  GAME STUDIO: GAME PROGRAMMING  4.00 UNITS
This is the culminating class in the game programming track. Students work in interdisciplinary teams to develop an original digital game. The classroom production environment utilizes game industry production practices and constructs including milestones and deliverables.
PREREQUISITE: CIS/CSC-17B, CIS/CSC-18B or GAM/CSC-52.

32044  08:00AM 11:20AM  F  IT 125 J Ruiz
11:50AM 03:10PM  F  IT 125 J Ruiz
02/20/15 06/05/15  Last day to add: 03/03/15
The above section is a web-enhanced class. Internet access is required. Designated laboratory hours are included in the meeting times for this section.

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.

32108  09:30AM 10:20AM  T  IT 110 L Dominguez
02/17/15 04/07/15  Last day to add: 02/21/15
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.  

33733  09:30AM 10:20AM  TH  IT 110 D Payan
02/19/15 04/09/15  Last day to add: 02/23/15
The above section is a hybrid class that is intended for students in the Puente program. Computer with Internet access required. See www.opencampus.com. Please consult the Puente counselor prior to enrolling.

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.

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.

< EVENING
33744  06:00PM 09:20PM  TH  WEQ W6  N Corselli
02/19/15 06/04/15  Last day to add: 03/02/15

HIS-6  POL SOC HIST OF US  3.00 UNITS
A history of the United States from Colonial time to 1877.
PREREQUISITE: None.
ADVISORY: Qualification for ENG-1A.

< EVENING
33752  10:30AM 01:50PM  F  HUM 103 T Russell
02/20/15 06/05/15  Last day to add: 03/03/15
The above section is a web-enhanced class. Internet access is required.

< EVENING
33753  06:00PM 09:35PM  M  HUM 103 M Hickerson
02/23/15 06/08/15  Last day to add: 03/06/15

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

< WEEKEND
33755  08:00AM 11:20AM  S  HUM 103 M Hickerson
02/21/15 06/06/15  Last day to add: 03/04/15

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.

< EVENING
33765  10:30AM 01:50PM  F  IT 209 E Heimlich
02/20/15 06/05/15  Last day to add: 03/03/15
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<th>Units</th>
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<tbody>
<tr>
<td>ILA-1</td>
<td>INTRODUCTION TO TUTOR TRAINING 1.00 UNITS</td>
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<td>An introduction to the skills necessary for tutoring in the subject areas.</td>
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<td>Practical application of tutoring strategies, methodologies, learning</td>
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<td>styles, problem solving, and working with diverse students populations.</td>
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<td>PREREQUISITE: None.</td>
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<td>ADVISORY: Qualification for ENG-1A.</td>
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<td>09:30AM 11:35AM F</td>
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<td>02/20/15 04/10/15 Last day to add: 02/24/15</td>
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<tr>
<td>KIN-16</td>
<td>INTRO TO ATHLETIC TRAINING 3.00 UNITS</td>
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<td>Analyzes and applies basic concepts of athletic training with emphasis on</td>
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<td>care and prevention of athletic injuries.</td>
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<td>PREREQUISITE: None.</td>
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<td>33779</td>
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<td>03:00PM 04:30PM TH</td>
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<td>02/19/15 06/15 04/15 Last day to add: 03/02/15</td>
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<tr>
<td>KIN-30</td>
<td>FIRST AID AND CPR 3.00 UNITS</td>
<td></td>
<td>Earn &quot;National Safety Council Advanced First Aid&quot; and &quot;American Heart</td>
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<td>Association Healthcare Professional&quot; certificates. First Aid and CPR fees</td>
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<td>totaling $20.00 will be charged to the student and are not covered by</td>
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<td>BOGW. Drop deadlines for non-payment apply.</td>
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<td>PREREQUISITE: None.</td>
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<td>33780</td>
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<td>05:45PM 09:25PM M</td>
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<td>02/23/15 06/15 10/25 Last day to add: 03/08/15</td>
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<tr>
<td>LIB-1</td>
<td>INFORMATION COMPETENCY 1.00 UNITS</td>
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<td>Presents the fundamentals of the effective use of libraries, electronic</td>
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<td>databases and information.</td>
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<td>PREREQUISITE: None.</td>
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<td>03:00PM 04:15PM W</td>
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<td>02/18/15 04/08/15 Last day to add: 02/22/15</td>
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<td>The above section is a hybrid class. Computer with Internet access</td>
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<tr>
<td></td>
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<td>required. See <a href="http://www.opencampus.com">www.opencampus.com</a>.</td>
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<tr>
<td>33801</td>
<td></td>
<td></td>
<td>03:00PM 04:15PM W</td>
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<td>02/22/15 06/06/15 Last day to add: 04/26/15</td>
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<td>required. See <a href="http://www.opencampus.com">www.opencampus.com</a>.</td>
</tr>
<tr>
<td>MAG-44</td>
<td>PRINCIPLES OF MANAGEMENT 3.00 UNITS</td>
<td></td>
<td>An overview of the concepts, processes and techniques of organizational</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>management.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>PREREQUISITE: None.</td>
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<tr>
<td>33802</td>
<td></td>
<td></td>
<td>06:30PM 09:40PM TH</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>02/19/15 06/04/15 Last day to add: 03/06/15</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>The above section is a hybrid class that meets on alternating Thursdays</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>beginning 2/26/15. Computer with Internet access required. See</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://www.opencampus.com">www.opencampus.com</a>.</td>
</tr>
<tr>
<td>MAG-47</td>
<td>APPLIED BUS, MGMT ETHICS 3.00 UNITS</td>
<td></td>
<td>An examination of ethical concerns including corporate, personal, global,</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>environmental, public related issues ethics audits, and corporate social</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>responsibility. (Same as BUS-47)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>PREREQUISITE: None.</td>
</tr>
<tr>
<td>33804</td>
<td></td>
<td></td>
<td>06:30PM 09:40PM TH</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>02/19/15 06/04/15 Last day to add: 03/06/15</td>
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<td>The above section is a hybrid class that meets on alternating Thursdays</td>
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<td></td>
<td>beginning 2/19/15. Computer with Internet access required. See</td>
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<td><a href="http://www.opencampus.com">www.opencampus.com</a>.</td>
</tr>
<tr>
<td>MAG-53</td>
<td>HUMAN RELATIONS 3.00 UNITS</td>
<td></td>
<td>Practical application of basic psychology in building better employer-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>employee-relationships.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>PREREQUISITE: None.</td>
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<td>33805</td>
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<td>02/17/15 04/10/15</td>
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<td>Last day to add: 02/25/15</td>
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<td></td>
<td>required. See <a href="http://www.opencampus.com">www.opencampus.com</a>.</td>
</tr>
<tr>
<td>MAT-12</td>
<td>STATISTICS 4.00 UNITS</td>
<td></td>
<td>A study of statistical methods and their application to hypothesis testing</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>and estimation of population parameters.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>PREREQUISITE: MAT-35 or qualifying placement level.</td>
</tr>
<tr>
<td>33819</td>
<td></td>
<td></td>
<td>10:30AM 12:35PM M</td>
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<tr>
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<td></td>
<td>02/23/15 06/08/15 Last day to add: 03/06/15</td>
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<td>The above section is a hybrid class. Computer with Internet access</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>required. See <a href="http://www.opencampus.com">www.opencampus.com</a>.</td>
</tr>
<tr>
<td>MUS-19</td>
<td>MUSIC APPRECIATION 3.00 UNITS</td>
<td></td>
<td>A survey of music in the Western world focused on listening, including</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>terminology for describing musical elements, forms, styles, and the roles</td>
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<td></td>
<td></td>
<td>of music and musicians in society.</td>
</tr>
<tr>
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<td></td>
<td></td>
<td>PREREQUISITE: None.</td>
</tr>
<tr>
<td>33807</td>
<td></td>
<td></td>
<td>06:00PM 09:10PM TH</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>02/19/15 06/04/15 Last day to add: 03/02/15</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>The above section is a web-enhanced class. Internet access is required.</td>
</tr>
<tr>
<td>PHI-10</td>
<td>INTRO TO PHILOSOPHY 3.00 UNITS</td>
<td></td>
<td>Introduction to the major questions of Western philosophy and their</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>answers.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>PREREQUISITE: None.</td>
</tr>
<tr>
<td>33905</td>
<td></td>
<td></td>
<td>10:30AM 01:50PM F</td>
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<td></td>
<td></td>
<td>02/20/15 06/05/15 Last day to add: 03/03/15</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td>The above section is a web-enhanced class. Internet access is required.</td>
</tr>
</tbody>
</table>
Online

33906  
ONLINE  S Crasnow  
02/17/15 04/10/15  
The above section is an online class. Computer with Internet access required. See www.opencampus.com.

33907  
ONLINE  S Crasnow  
04/20/15 06/11/15  
The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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

Evening

33911  
6:00PM-9:20PM  
TH  
WEQ W5  
T Keith  
02/19/15 06/04/15  
The above section is a web-enhanced class. Internet access is required.

33920  
6:00PM-9:20PM  
TH  
HUM 201  
P Tran  
02/19/15 06/04/15  
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

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.

Weekend

33918  
8:00AM-11:20AM  
S  
IT 117  
C MacDougall  
02/21/15 06/06/15  
The above section is a web-enhanced class. Internet access is required.

PHY-11 PHYSICS LAB  1.00 UNITS
A laboratory for the non-science major with emphasis on lab techniques. Student experimentation and demonstrations.
PREREQUISITE: None.
COREQUISITE: PHY-10.

Evening

33921  
6:00PM-9:20PM  
TH  
WEQ W6  
B Skinner  
02/23/15 06/08/15  
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

33931  
6:00PM-7:50PM  
M  
WEQ W6  
B Skinner  
02/23/15 06/08/15  
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

33935  
8:00AM-11:20AM  
S  
IT 122  
Staff  
02/21/15 06/06/15  
The above section is an online class. Computer with Internet access required. See www.opencampus.com.

33938  
10:30AM-11:55AM  
M  
WEQ W6  
L Adams  
02/23/15 06/08/15  
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

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.

33946  
7:00AM-10:20AM  
F  
ATEC 204  
R Alcaraz  
02/20/15 06/05/15  
The above section is a web-enhanced class. Internet access is required.

33947  
8:00AM-11:20AM  
S  
IT 101  
J Hicks  
02/21/15 06/06/15  
The above section is a web-enhanced class. Internet access is required.

33948  
7:00AM-10:20AM  
M  
ATEC 204  
R Alcaraz  
02/20/15 06/05/15  
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

33949  
8:00AM-11:20AM  
S  
IT 101  
J Hicks  
02/21/15 06/06/15  
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.

33953  
6:00PM-7:50PM  
M  
IT 109  
L Krajewski  
02/23/15 06/08/15  
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

33963  
6:00PM-9:20PM  
TH  
JFK 118  
M Campos  
02/17/15 06/04/15  
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.
RLE-80      REAL ESTATE PRINCIPLES                 3.00  UNITS
Fundamental course covering the basic laws, principles and terminology of California real estate practice.
PREREQUISITE: None.
33966  04:00PM 05:35PM  M  IT  101  T Wagner
02/23/15 06/08/15
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

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.
PREREQUISITE: None.
33982  10:30AM 01:50PM  F  ATEC 210  R Halili
02/20/15 06/05/15
The above section is a web-enhanced class. Internet access is required.

33980  06:00PM 09:20PM  TH  IT  101  M Ysais
02/19/15 06/04/15

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.
### 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>33990</td>
<td>08:00AM-01:50PM</td>
<td>F</td>
<td>LIBR 121</td>
<td>O Rios</td>
</tr>
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<td></td>
<td>01:50PM-02:55PM</td>
<td>F</td>
<td>LIBR 121</td>
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<td>02/20/15-06/05/15</td>
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<td></td>
<td></td>
<td>Last day to add: 03/03/15</td>
</tr>
</tbody>
</table>

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

- **ONLINE**
  - **34003**
    - Time: 02/17/15-04/10/15
    - Days: W
    - Location: ON LINE
    - Instructor: W Stevens
    - Last day to add: 02/25/15
    - The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

- **ONLINE**
  - **34004**
    - Time: 04/20/15-06/11/15
    - Days: W
    - Location: ON LINE
    - Instructor: W Stevens
    - Last day to add: 04/28/15
    - The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).
### California State University General Education Requirements 2014-2015

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.

Courses that may be applied to one of two different areas are listed only in one area, with the second option listed in parenthesis. 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-1 or HIS-1H satisfy this requirement.

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 & GEGlab and PHY-10/PH-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.

Some Fridays, as noted:

#### Monday & Wednesday - Schedule

<table>
<thead>
<tr>
<th>Start Time</th>
<th>Course</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:30AM</td>
<td>COM-9-33564</td>
<td>MTWTH</td>
<td>07:30AM</td>
<td>COM-9-33564 (D7)</td>
</tr>
<tr>
<td>08:00AM</td>
<td>ENG-1A-33639</td>
<td>MTWTH</td>
<td>08:00AM</td>
<td>ENG-1A-33639</td>
</tr>
<tr>
<td>09:00AM</td>
<td>ENG-1A-33637</td>
<td>MTWTH</td>
<td>09:00AM</td>
<td>ENG-1A-33637</td>
</tr>
<tr>
<td>10:00AM</td>
<td>ENG-1A-33636</td>
<td>MTWTH</td>
<td>10:00AM</td>
<td>ENG-1A-33636</td>
</tr>
<tr>
<td>11:00AM</td>
<td>ENG-1A-33635</td>
<td>MTWTH</td>
<td>11:00AM</td>
<td>ENG-1A-33635</td>
</tr>
<tr>
<td>12:00PM</td>
<td>ENG-1B-33661</td>
<td>MTWTH</td>
<td>12:00PM</td>
<td>ENG-1B-33661 (C2)</td>
</tr>
<tr>
<td>02:00PM</td>
<td>COM-9-33586</td>
<td>MTWTH</td>
<td>02:00PM</td>
<td>COM-9-33586 (D7)</td>
</tr>
<tr>
<td>03:00PM</td>
<td>ENG-1A-33567</td>
<td>MTWTH</td>
<td>03:00PM</td>
<td>ENG-1A-33567</td>
</tr>
<tr>
<td>04:00PM</td>
<td>ENG-1A-33566</td>
<td>MTWTH</td>
<td>04:00PM</td>
<td>ENG-1A-33566</td>
</tr>
<tr>
<td>05:00PM</td>
<td>ENG-1A-33564</td>
<td>MTWTH</td>
<td>05:00PM</td>
<td>ENG-1A-33564</td>
</tr>
<tr>
<td>06:00PM</td>
<td>ENG-1A-33563</td>
<td>MTWTH</td>
<td>06:00PM</td>
<td>ENG-1A-33563</td>
</tr>
<tr>
<td>07:00PM</td>
<td>ENG-1A-33562</td>
<td>MTWTH</td>
<td>07:00PM</td>
<td>ENG-1A-33562</td>
</tr>
<tr>
<td>08:00PM</td>
<td>ENG-1A-33561</td>
<td>MTWTH</td>
<td>08:00PM</td>
<td>ENG-1A-33561</td>
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<tr>
<td>09:00PM</td>
<td>ENG-1A-33560</td>
<td>MTWTH</td>
<td>09:00PM</td>
<td>ENG-1A-33560</td>
</tr>
<tr>
<td>10:00PM</td>
<td>ENG-1A-33559</td>
<td>MTWTH</td>
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<td>ENG-1A-33559</td>
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<tr>
<td>11:00PM</td>
<td>ENG-1A-33558</td>
<td>MTWTH</td>
<td>11:00PM</td>
<td>ENG-1A-33558</td>
</tr>
<tr>
<td>12:00PM</td>
<td>ENG-1A-33557</td>
<td>MTWTH</td>
<td>12:00PM</td>
<td>ENG-1A-33557</td>
</tr>
</tbody>
</table>

Excluding GEG & GEGlab and PHY-10/PH-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.
California State University General Education Requirements 2014-2015

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.

<table>
<thead>
<tr>
<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>
<th>Lifelong Learning &amp; Self-Development</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral Communication</td>
<td>Written Communication</td>
<td>Critical Thinking</td>
<td>Physical Science</td>
<td>Life Science</td>
<td>Lab Activity</td>
<td>Mathematical/Quantitative Reasoning</td>
<td>Arts</td>
<td>Humanities</td>
<td>Social Sciences</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Oral Communication

Written Communication

Critical Thinking

Physical Science

Life Science

Lab Activity

Mathematics/Quantitative Reasoning

Arts

Humanities

Social Sciences

Lifelong Learning & Self-Development

Start Time | min. of 3 semester units with a grade of "C" or better |
--- | --- |
07:30AM or 08:00AM or 08:15AM or 08:45AM | ENG-1B-33662 (C2) CHE-1B-33543 (we-tabb) CHE-2A-33544 (we-tab-TUE) CHE-2A-33545 (we-lab-TUE) GEG-1-33728 |
09:00AM | ENG-1B-33663 (C2) ENG-2A-33514 (we-lec) |
09:30AM or 09:40AM | ENG-1A-33640 COM-1-33577 ENG-1A-33645 ENG-1A-33657 ENG-1B+332113 (C2) |
10:05AM or 10:30AM or 11:15AM or 11:25 AM or 11:45AM | CHE-1B-33543 (we-tabb) CHE-2A-33544 (we-tab-TUE) CHE-2A-33545 (we-lab-TUE) GEG-1-33728 |
02:00PM or 02:30PM | ENG-1B-33659 (C2) ENG-1B-33120 (C2) CHE-1A-33519 (we-lab) CHE-2A-33545 (we-lec) PHY-10-32054 |
3:00 or 4:15PM | COM-9-33583 (D7) ENG-1A-33645 ENG-1A-33647 ENG-1A-33664 (C2) ENG-1A-33645 ENG-1A-33646 ENG-1A-33655 |
5:00PM and beyond | CHE-1A-33542 (we-lec) AMY-2A-33476 (lab) MAT-1A-33825 (lec) MAT-1A-33827 (lec) MAT-2-32005 |

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

min. of 3 semester units with a grade of "C" or better

minimum of 9 semester units 3 courses minimum

at least 1 course from each area

At least 1 course from each area

minimum of 3 semester units

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 must 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 subject to cancelation

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.

The Tuesday & Thursday - Schedule:

12:30PM to 15:00PM - College Hour - TTH only

07:30AM or 08:00AM or 08:15AM or 08:45AM
09:00AM
09:30AM or 09:40AM
10:05AM or 10:30AM or 11:15AM or 11:25 AM or 11:45AM
02:00PM or 02:30PM
3:00 or 4:15PM
5:00PM and beyond

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.
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.

Area A-1
Area A-2
Area A-3
Area B-1
Area B-2
Area B-3
Area B-4
Area C-1
Area C-2
Area D
Area E

**Oral Communication**
**Written Communication**
**Critical Thinking**
**Physical Science**
**Life Science**
**Lab Activity**
**Mathematics/Quantitative Reasoning**
**Arts**
**Humanities**
**Social Sciences**
**Lifelong Learning & Self-Development**

<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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<tr>
<td>Monday morning or evening</td>
<td>COM-1-33578</td>
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<td>MAT-12-33819</td>
<td>DAN-6-32073</td>
<td>HIS-6-33753 (D6)</td>
<td>PHI-10-32062</td>
<td>ANT-3-32097</td>
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<td>ART-5-33502</td>
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<td>HIS-7-33765 (D6)</td>
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**ONLINE - Schedule**

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<thead>
<tr>
<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>
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<tr>
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<td>one from each group with a grade of “C” or better</td>
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<td>one science course must have a lab</td>
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<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>
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</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.
The courses listed below are those that Norco College is offering during the **SPRING 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 Interssegmental 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.

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### Monday & Wednesday - Schedule

**some Fridays, as noted**

<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 6</th>
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<td>ENGL-1A-33559</td>
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<td>SOC-1-33976</td>
<td>GEG-1L-33730</td>
<td>AMY-2-33478 (lab)</td>
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<td>and beyond</td>
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</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 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 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 HIS 7 or HIS 7H and POL-1 or POL 1H satisfy this requirement.
### Intersegmental General Education Transfer Curriculum (IGETC) 2014-2015

The courses listed below are those that Norco College is offering during the **SPRING 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>
<th>Area 6</th>
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<tbody>
<tr>
<td>English Composition</td>
<td>Critical Thinking</td>
<td>Oral Communication</td>
<td>Mathematical Concepts &amp; Quantitative Reasoning</td>
<td>Arts</td>
<td>Humanities</td>
<td>Social Sciences</td>
<td>Physical Science</td>
<td>Biological Science</td>
<td>Science Lab</td>
<td>Languages Other Than English</td>
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<thead>
<tr>
<th>Start Time</th>
<th>UC 2 courses required: one from area 1A and one from area 1B</th>
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</table>

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.

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.

<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>minimum of 6 - 9 semester units</td>
<td></td>
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<tr>
<td>CSU: 3 courses required: one from each area</td>
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<tr>
<td>minimum of 9 semester units</td>
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<tr>
<td>minimum of 7 semester units total</td>
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<tr>
<td>one course OR (Proficiency equivalency - see counselor)</td>
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</tr>
</tbody>
</table>

**START TIME**

| 07:30AM or 08:00AM or 08:15AM or 08:45AM | 09:30AM or 09:45AM | 10:30AM or 11:15AM or 11:30AM | 12:00PM or 12:15PM or 12:30PM or 12:45PM | 01:00PM or 01:15PM or 01:30PM or 01:45PM | 02:00PM or 02:15PM or 02:30PM or 02:45PM | 03:00PM or 03:15PM or 03:30PM or 03:45PM | 06:00PM or 06:15PM or 06:30PM | | | |
|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------| | | |
| ENG-1B-33662 | ENG-1B-33665 | MAT-1A-33815 | MAT-1A-33825 (lec) | MAT-1A-33827 (lec) | MAT-1B-33828 (lec) | MAT-2-33205s | ENG-1A-33640 | ENG-1A-33645 | ENG-1A-33652 | ENG-1A-33657 |
| ENG-1B-33669 | ENG-1B-33660 | ENG-1A-33658 | ENG-1A-33657 | ENG-1A-33672 (lec) | ENG-1A-33673 (lec) | ENG-1A-33674 (lec) | ENG-1A-33640 | ENG-1A-33652 | ENG-1A-33652 | ENG-1A-33657 |
| ENG-1B-33665 | | | | | | | | | | |
| ENG-1B-33659 | ENG-1B-32120 | | | | | | | | | |
| ENG-1B-33658 | ENG-1B-33660 | ENG-1A-33657 | ENG-1A-33672 (lec) | ENG-1A-33673 (lec) | ENG-1A-33674 (lec) | ENG-1A-33640 | ENG-1A-33652 | ENG-1A-33652 | ENG-1A-33657 | ENG-1A-33657 |
| ENG-1B-33665 | | | | | | | | | | |
| ENG-1B-32015 | ENG-1B-33646 | ENG-1B-33655 | ENG-1A-33657 | ENG-1A-33657 | ENG-1A-33657 | ENG-1A-33657 | ENG-1A-33657 | ENG-1A-33657 | ENG-1A-33657 | ENG-1A-33657 |

Excluding GE & 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 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.

The complete IGETC pattern can be found in the Norco College Catalog.
Intersegmental General Education Transfer Curriculum (IGETC) 2014-2015

The courses listed below are those that Norco College is offering during the **SPRING 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.

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

### One Class Meeting per week - 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>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>Composition</td>
<td>Critical Thinking</td>
<td>Oral Communication</td>
<td>Mathematical Concepts &amp; Quantitative Reasoning</td>
<td>Arts</td>
<td>Humanities</td>
<td>Social Sciences</td>
<td>Physical Science</td>
<td>Biological Science</td>
<td>Science</td>
</tr>
<tr>
<td>Monday morning or evening</td>
<td>COM-1-33578</td>
<td>MAT-12-33819</td>
<td>DAN-6-32073</td>
<td>HS-6-33753 (A4)</td>
<td>Phil-10-32062</td>
<td>ANT-3-32097</td>
<td>POL-1-33925</td>
<td>POL-1-33931</td>
<td>PSY-1-33938</td>
<td>PSY-9-33953</td>
</tr>
<tr>
<td>Tuesday early afternoon or evening</td>
<td>COM-1-33574</td>
<td>COM-9-33588</td>
<td>ART-6-32079</td>
<td>HS-6-33754 (A4)</td>
<td>T-3-34000</td>
<td>HUM-10-33762</td>
<td>ANT-2-32099</td>
<td>POL-1-33932</td>
<td>PSY-1-33931</td>
<td>SOC-12-33986</td>
</tr>
<tr>
<td>Wednesday morning or evening</td>
<td>COM-1-33573</td>
<td>MAT-12-33823</td>
<td>ART-5-33502</td>
<td>THE-3-34002</td>
<td>HS-6-33749 (A4)</td>
<td>HUM-10-33763</td>
<td>ANT-2-33483 (S1)</td>
<td>EAR-2D-33603</td>
<td>ECO-8-33613</td>
<td>POL-1-33923</td>
</tr>
<tr>
<td>Thursday evening</td>
<td>COM-9-33582</td>
<td>COM-9-33589</td>
<td>MUS-19-32087</td>
<td>HS-6-32029 (A4)</td>
<td>HS-7-33756 (A4)</td>
<td>HS-6-32029 (A4)</td>
<td>HS-7-33756 (A4)</td>
<td>PSY-1-33945</td>
<td>SOC-1-33980</td>
<td>SPA-1-33990</td>
</tr>
<tr>
<td>Friday morning or early afternoon</td>
<td>COM-9-33585</td>
<td>COM-9-33588</td>
<td>ART-6-33504</td>
<td>HUM-10-33769</td>
<td>Phil-10-33905</td>
<td>HS-6-33756 (A4)</td>
<td>HUM-10-33769</td>
<td>PSY-1-33947</td>
<td>SOC-1-33984</td>
<td></td>
</tr>
<tr>
<td>Saturday morning</td>
<td>COM-9-33585</td>
<td>COM-9-33588</td>
<td>ART-6-33503</td>
<td>HUM-10-33769</td>
<td>Phil-10-33905</td>
<td>HS-6-33756 (A4)</td>
<td>HUM-10-33769</td>
<td>PSY-1-33947</td>
<td>SOC-1-33984</td>
<td></td>
</tr>
</tbody>
</table>

### ONLINE - 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>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>Composition</td>
<td>Critical Thinking</td>
<td>Oral Communication</td>
<td>Mathematical Concepts &amp; Quantitative Reasoning</td>
<td>Arts</td>
<td>Humanities</td>
<td>Social Sciences</td>
<td>Physical Science</td>
<td>Biological Science</td>
<td>Science</td>
</tr>
<tr>
<td>Length of class</td>
<td>minimum of 6 - 9 semester units</td>
<td>minimum of 3 semester units</td>
<td>at least one course from each area</td>
<td>minimum of 9 semester units</td>
<td>minimum of 3 courses from at least two disciplines</td>
<td>min. of 9 semester units</td>
<td>total minimum of one course from area 5A and one course from area 5B</td>
<td>one course OR (Proficiency equivalency - see counselor)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Full term | COM-1-33578 | MAT-12-33819 | DAN-6-32073 | HS-6-33753 (A4) | Phil-10-32062 | ANT-3-32097 | POL-1-33925 | POL-1-33931 | PSY-1-33938 | PSY-9-33953 | SOC-12-33986 |
| First 8-weeks | MUS-19-32087 | HS-6-32029 (A4) | HS-7-33761 (A4) | HUM-10-33762 | ANT-2-32099 | POL-1-33932 | PSY-1-33931 | SOC-1-33975 | SOC-2-33981 |
| Second 8-weeks | ART-6-33504 | HUM-10-33769 | Phil-10-33905 | HS-6-33749 (A4) | EAR-2D-33603 | ECO-8-33613 | POL-1-33923 | POL-1-33941 | SOC-20-33987 |

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 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.
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:
  - Thursday, June 4
  - Friday, June 5
  - Saturday, June 6

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.

<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>Thursday June 4</td>
<td>Evening classes meeting Thursdays only will hold their final exam on the evening of Thursday, June 4th.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Friday June 5</td>
<td>F 07:00-10:10</td>
<td>F 10:30-1:04</td>
<td>F 01:00-07:35</td>
</tr>
<tr>
<td></td>
<td>F 07:00-01:35</td>
<td>F 11:35-03:50</td>
<td>F 01:10-05:25</td>
</tr>
<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 June 8</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>MW 07:10-08:35</td>
<td>MWF 10:30-11:45 (11:55)</td>
<td>MWF 02:30-03:20 (03:40)</td>
</tr>
<tr>
<td></td>
<td>MWF 07:15-09:45</td>
<td>MW 10:30-11:55</td>
<td>MWF 02:30-03:40 (03:55)</td>
</tr>
<tr>
<td></td>
<td>MWF 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>MTWTh 07:20-08:30</td>
<td>MWF 10:30-12:35</td>
<td>MTWTh 02:30-03:55</td>
</tr>
<tr>
<td></td>
<td>MW 07:50-10:20</td>
<td>MW 10:30-12:35</td>
<td>MW 02:30-03:55</td>
</tr>
<tr>
<td></td>
<td>MW 08:00-10:05</td>
<td>MW 10:30-01:00</td>
<td>MW 02:30-04:05</td>
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<td></td>
<td>MWF 08:00-10:05</td>
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<td>MW 02:30-05:00</td>
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<tr>
<td></td>
<td>MW 08:15-10:20</td>
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<tr>
<td></td>
<td>MWF 08:15-10:20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuesday June 9</td>
<td>MTW 07:00-09:05</td>
<td>TTh 09:30-12:40</td>
<td>MTWTh 02:00-03:10</td>
</tr>
<tr>
<td></td>
<td>TTh 07:00-09:05</td>
<td>TTh 09:40-12:10</td>
<td>MTWTh 02:00-03:25</td>
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<tr>
<td></td>
<td>TTh 07:00-09:30</td>
<td>TTh 10:00-12:30</td>
<td>TTh 02:00-04:05</td>
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<tr>
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<td>TTh 07:20-09:25</td>
<td>TTh 10:30-12:35</td>
<td>TTh 02:00-04:05</td>
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<tr>
<td></td>
<td>TTh 08:00-09:25</td>
<td>TTh 11:15-12:40</td>
<td>TTh 02:00-05:10</td>
</tr>
<tr>
<td></td>
<td>MTWTh 08:15-09:25</td>
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<td>TTh 02:10-04:40</td>
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<td>TTh 02:30-03:55</td>
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<td></td>
<td></td>
<td>TTh 03:15-05:45</td>
</tr>
<tr>
<td>Wednesday June 10</td>
<td>MTWTh 08:00-09:25</td>
<td>MTWTh 12:40-01:50</td>
<td>MW 03:00-05:05</td>
</tr>
<tr>
<td></td>
<td>MWF 08:45-09:35 (09:55)</td>
<td>MW 12:45-01:55 (02:10)</td>
<td>MWF 03:00-05:05</td>
</tr>
<tr>
<td></td>
<td>MWF 08:45-09:55 (10:10)</td>
<td>MW 12:45-02:10</td>
<td>MW 03:00-05:30</td>
</tr>
<tr>
<td></td>
<td>MTWTh 08:45-09:55</td>
<td>MTWTh 12:45-02:10</td>
<td>MTWTh 04:10-05:35</td>
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<td>MTWTh 08:45-10:10</td>
<td>MTWTh 12:45-02:20</td>
<td>MWF 04:10-05:40</td>
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<td>MW 08:45-10:10</td>
<td>MW 12:45-02:50</td>
<td>MTWTh 04:15-05:40</td>
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<tr>
<td></td>
<td>MWF 08:45-10:20</td>
<td>MWF 01:00-01:50 (02:10)</td>
<td>MTWTh 04:15-06:20</td>
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<tr>
<td></td>
<td>MTW 09:40-11:45</td>
<td></td>
<td>MWF 04:15-06:20</td>
</tr>
<tr>
<td>Thursday June 11</td>
<td>MTWTh 09:40-10:50</td>
<td>MTWTh 10:30-11:40</td>
<td>MTWTh 04:20-05:30</td>
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<td>MTWTh 09:40-11:05</td>
<td>MTWTh 10:30-11:55</td>
<td>MTWTh 04:20-05:10 (05:30)</td>
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<td>TTh 09:40-11:05</td>
<td>MTWTh 11:10-12:20</td>
<td>MTWTh 04:20-05:30</td>
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<td>TTh 09:40-11:45</td>
<td>MTWTh 11:15-12:40</td>
<td>MTWTh 04:20-05:30</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>MTWTh 04:20-05:30</td>
</tr>
</tbody>
</table>

* If you have two finals scheduled at the same time, see your instructors to schedule an alternate time for one of your finals.
† Evening classes that meet Thursday only will hold their final exam on the evening of Thursday, June 4.
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 line 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 1-866-259-7271. 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.

Contact:
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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) 571-6431 to reserve a seat at the information sessions. The costs of the program and important deadlines will be discussed.

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

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Office: Riverside City College – Quadrangle 100
Email: jan.schall@rcc.edu / bill.despres@rcc.edu

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FLORENCE, ITALY

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