Classes begin February 13
Day, Evening and Online Classes

Spring 2012 schedule of classes

www.norcocollege.edu
### 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.

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<th>Location</th>
<th>Instructor</th>
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<td>02/13/12 - 04/06/12</td>
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<td>02/13/12 - 04/06/12</td>
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</tbody>
</table>

The above sections are short term hybrid classes. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

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

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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.

### EVENING

**ACC-1B**  
All sections below are short term online classes that require an on-site proctored final exam. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

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### WEEKEND

**ACC-1B**  
All sections below are short term online classes that require an on-site proctored final exam. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com). Please note the start and end dates.

<table>
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<th>Section</th>
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</table>
ACC-38 MANAGERIAL ACCOUNTING 3.00 UNITS
Conceptual and technical analysis of accounting information used by managers. Course for non-accounting majors.
- PREREQUISITE: ACC-1A.

ONLINE 32631
04/16/12 06/07/12
Last day to add: 04/24/12
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-63 INCOME TAX ACCTNG 3.00 UNITS
Theory and method of preparation of federal income tax returns for individuals.
- PREREQUISITE: None.

ONLINE 32632
04/16/12 06/07/12
Last day to add: 04/24/12
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.
- ADVISORY: CIS-1A.

EVENING 32633
06:30PM 09:40PM TH ATEC 119 M Scott
02/13/12 04/06/12
Last day to add: 02/20/12
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.

ADMINISTRATION OF JUSTICE

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

EVENING 32635
06:00PM 09:10PM TH JFK 116 F Pradia
Last day to add: 02/24/12

ADJ-4 LEGAL ASPECTS OF EVIDENCE 3.00 UNITS
Origin, development, philosophy, and Constitutional-based evidence.
- PREREQUISITE: None.

EVENING 32636
06:00PM 09:10PM T JFK 116 V Pradia
Last day to add: 02/24/12

ADJ-23 CRIM JUSTICE REPORT WRITING 3.00 UNITS
An introductory course emphasizing the practical aspects of preparing written reports for the criminal justice system.
- PREREQUISITE: None.

EVENING 32634
06:00PM 09:10PM M JFK 116 J Oller
Last day to add: 02/24/12

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: None.

33172 04:15PM 05:15PM M IT 110 R Gibbons
04:15PM 05:10PM W IT 110
06:00PM 09:10PM MW IT 128
Last day to add: 02/24/12
The above section is a web-enhanced class. Internet access may be required.

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

32641 11:15AM 12:15PM T ATEC 114 C Sternburg
11:15AM 12:10PM TH ATEC 114
02:00PM 05:10PM TTH ST 211
Last day to add: 02/24/12

32642 07:45AM 10:55AM TTH ST 211 P Campo
11:15AM 12:15PM T WEG W6
11:15AM 12:10PM TH WEG W6
Last day to add: 02/24/12
The above section is a web-enhanced class. Internet access may be required.

32643 11:15AM 12:15PM T WEG W6 P Campo
08:30AM 11:40AM WF ST 211
11:15AM 12:10PM TH WEG W6
Last day to add: 02/24/12
The above section is a web-enhanced class. Internet access may be required.

33174 08:30AM 11:40AM M ST 211 P Campo
11:15AM 12:15PM T WEG W6
11:15AM 12:10PM TH WEG W6
12:30PM 03:40PM F ST 211
Last day to add: 02/24/12
The above section is a web-enhanced class. Internet access may be required.

32644 12:45PM 03:55PM MW ST 211 C Sternburg
04:15PM 05:15PM M ATEC 114
04:15PM 05:10PM W ATEC 114
Last day to add: 02/24/12

32645 04:15PM 05:15PM M ATEC 114 C Sternburg
04:15PM 05:10PM W ATEC 114
06:00PM 09:10PM MW ST 211
Last day to add: 02/24/12

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.

32637 04:15PM 05:40PM MW IT 101 S Standen
Last day to add: 02/24/12
The above section is a web-enhanced class. Internet access may be required.

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www.norcollegebookstore.com
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.

32646  11:15AM 12:40PM TTH  ECEN 115  A Gray
The above section is a web-enhanced class. Internet access may be required.

32647  02:30PM 03:55PM MW  WEQ W6  A Gray
The above section is a web-enhanced class. Internet access may be required.

ANT-2 CULTURAL ANTHROPOLOGY 3.00 UNITS
An introduction to the anthropological concept of culture and to the methods and theories used in the comparative analysis of cultures.
- PREREQUISITE: None.

32650  08:45AM 10:10AM MW  WEQ W6  B Fiero
The above section is a web-enhanced class. Internet access may be required.

32651  09:40AM 11:05AM TTH  ECEN 115  R Mongelluzzo
The above section is a web-enhanced class. Internet access may be required.

32653  10:30AM 01:40PM F  WEQ W6  D Cheetham
The above section is a web-enhanced class. Internet access may be required.

32652  12:45PM 02:10PM MW  WEQ W6  A Gray
The above section is a web-enhanced class. Internet access may be required.

ANT-5 CULTURES OF ANcient MEXICO 3.00 UNITS
Development of civilization in ancient Mexico, from the earliest cultures to Aztec civilization, and their persistence in the modern world.
- PREREQUISITE: None.

EVENING

33168  06:00PM 09:10PM TH  IT 209  C Geralski
The above section is a web-enhanced class. Internet access may be required.

ARCHITECTURE

ARE-24 ARCHITECTURAL DRAFTING 3.00 UNITS
Introduction to architectural drafting techniques with emphasis on line quality, lettering, dimensioning, scaling, notes.
- PREREQUISITE: ENE-21 and 30.

EVENING

32655  06:00PM 07:25PM M  ATEC 109  A Casas
07:30PM 09:20PM M  ATEC 109
06:00PM 09:20PM W  ATEC 109
Last day to add: 02/24/12

ARE-25 ADV ARCH DRAFTING 3.00 UNITS
Advanced study and preparation of detailed architectural drawings.

EVENING

33169  06:00PM 07:25PM T  IT 121  W Brown
07:30PM 09:20PM T  IT 121
06:00PM 09:20PM TH  IT 121
Last day to add: 02/24/12

ARE-26 ARCHITECTURAL RENDERING 3.00 UNITS
Study of rendering techniques necessary to produce architectural presentation layouts.
- PREREQUISITE: None.

32656  09:00AM 03:45PM F  ATEC 109  J Jorgensen
Last day to add: 02/24/12

ARE-35 HIST ARCH BEGIN-GOTHIC 3.00 UNITS
Purposes and types of buildings from antiquity through the Gothic period. Emphasis on processes and sources of design.
- PREREQUISITE: None.

ONLINE

32657  07:30PM 09:10PM MW  ATEC 109  J Jorgensen
Last day to add: 02/24/12

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

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.

EVENING

33230  06:00PM 09:10PM W  ATEC 114  M Brocka
Last day to add: 02/24/12

WARNING! REGISTRATION WILL BE BLOCKED IF YOU HAVE NOT MET THE PREREQUISITE!
### Art - Art Appreciation 3.00 Units
An introductory course for the non-art major. An overview of the creative process and various art forms.
- **Prerequisite:** None.
- **Advisory:** Qualification for ENG-1A.

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All sections of ART-6 below are online classes. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

### Art - Honors Art Appreciation 3.00 Units
Offers students in the Honors Program an introductory course for the non-art major. An overview of the human creative process, and its influence and impact on various art forms.
- **Prerequisite:** None.
- **Advisory:** Qualification for ENG-1A.
- **Limitation on Enrollment:** Enrollment in the Honors Program.

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<th>Code</th>
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<tr>
<td>33173</td>
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<td>IT 208</td>
<td>K Lippire</td>
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### Art - Beginning Drawing 3.00 Units
Introduction to drawing in a variety of media. Exploration of the elements of art, composition, perspective, including development of observational, motor and creative skills.
- **Prerequisite:** None.

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### Art - Intermediate Drawing 3.00 Units
Continued study of the skills acquired in Beginning Drawing, with the emphasis on color theory and color media in drawing.
- **Prerequisite:** ART-17 or 22.

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### Art - Basic Design 3.00 Units
Introduction to the fundamentals of two-dimensional design. The practice of the organization of the visual elements, according to the principles of design.
- **Prerequisite:** None.

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### Bio - 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.

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### Bio - 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.

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### BIO-12  INTRO ORGISMAL POPL BIOL  5.00 UNITS
An intensive course for Life Science majors studying plants, animals, ecology and evolution.
- **PREREQUISITE:** BIO-11.

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Last day to add: 02/24/12

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

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Last day to add: 02/24/12

### 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.

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Last day to add: 02/24/12

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

#### EVENING

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Last day to add: 02/24/12

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

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

#### EVENING

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Last day to add: 02/24/12

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

### BUS-20  BUSINESS MATH  3.00 UNITS
Review of basic math and its application to business, percentages, pricing, depreciation and inventory.
- **PREREQUISITE:** None.

#### EVENING

<table>
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Last day to add: 02/24/12

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[www.norcocollegebookstore.com](http://www.norcocollegebookstore.com)
BUS-22 MGMT COMMUNICATIONS 3.00 UNITS
Examines the dynamics of organizational communication including interpersonal, verbal, nonverbal and written.
- PREREQUISITE: None.

The above section is a hybrid class. Computer with Internet access may be required.

All sections of BUS-22 below are web-enhanced classes. Internet access may be required.

<table>
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EVENING

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<td>33215</td>
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<td>Last day to add: 02/24/12</td>
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BUS-30 ENTREPRENEURSHIP 3.00 UNITS
Surveys the nature and extent of business. Includes organizations and opportunities in business.
- PREREQUISITE: None.

EVENING

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<tr>
<td>32693</td>
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<td>IT 209</td>
<td>R Carrigan</td>
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<td>Last day to add: 02/24/12</td>
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</table>

The above section is a hybrid class that meets alternating Mondays beginning 02/13/12. Computer with Internet access required. See www.opencampus.com.

BUS-70 INTRO ORGANIZATION DEVELOPMENT 3.00 UNITS
Introduction to techniques for improving organizational effectiveness through process improvement and development of people.
(Same as MAG-70)
- PREREQUISITE: None.
- ADVISORY: MAG-44.

ONLINE

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<th>Time</th>
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<tr>
<td>33216</td>
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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-80 PRINCIPLES OF LOGISTICS 3.00 UNITS
Introduction to the field of logistics and the methods for improving product distribution effectiveness.
- PREREQUISITE: None.

ONLINE

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<tr>
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<td>Last day to add: 02/21/12</td>
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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-85 WAREHOUSE MANAGEMENT 3.00 UNITS
Analysis of warehouse location, operation and management.
- PREREQUISITE: None.

EVENING

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<tr>
<td>32696</td>
<td>06:00PM 07:43PM</td>
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<td>R Beck</td>
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<td>Last day to add: 02/24/12</td>
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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.

ONLINE

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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.

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.

The above section is a short term online class. Internet access may be required.

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<td>IT 117</td>
<td>S Freitas</td>
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<td>MW</td>
<td>IT 117</td>
<td>S Tyler</td>
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<tr>
<td>32705</td>
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The above section is a web-enhanced class. Internet access may be required.

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

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.

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

COMMUNICATION STUDIES

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.

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<td>33142</td>
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The above section is a short term class. Please note the start and end dates.

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Please note the start and end dates.

Get important textbook information, including ISBN numbers and pricing, and reserve for in-store pickup or delivery to your home!

www.norcocolegebookstore.com
COM-1H  HONORS PUBLIC SPEAKING  3.00 UNITS
Enhanced instruction in the preparation, presentation and evaluation of a variety of speeches for students in the Honors Program.
- PREREQUISITE: None.
- ADVISORY: COM-51 and/or qualification for ENG-1A.
- LIMITATION ON ENROLLMENT: Enrollment in the Honors Program.

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.

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.

Most Computer Information Systems courses have an 18 hour laboratory requirement to be arranged. Your instructor will have details on the first day of class.
CIS-1A  C++ PROGRAMMING: OBJECTS  3.00 UNITS
Object-oriented program development using C++. (Same as CSC-17A)
- PREREQUISITE: None.
- ADVISORY: Previous programming experience writing functions and using arrays on PC platforms as well as CIS/CSC-5.

32707  02:00PM 03:55PM  TTH  ATEC 118  A Rainey
Last day to add: 02/24/12

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

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

EVENING 33198  05:30PM 09:30PM  TH  ATEC 118  C Andersen
Last day to add: 02/24/12

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

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

32717  12:45PM 02:10PM  MW  ATEC 118  V Browne
Last day to add: 02/24/12

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

CIS-35  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. (Same as GAM-35)
- PREREQUISITE: None.

All sections of CIS-35 below are web-enhanced classes. Internet access may be required.

33202  08:45AM 10:10AM  MW  IT  202  Staff
Last day to add: 02/24/12

33204  10:30AM 11:55AM  MW  IT  202  Staff
Last day to add: 02/24/12

32719  11:15AM 12:40PM  TTH  IT  106  Staff
Last day to add: 02/24/12

CIS-37  BEGINNING GAME LEVEL DESIGN  3.00 UNITS
An introduction to level design. Students will design and create 3D computer games. No previous computer programming experience required. (Same as GAM-37)
- PREREQUISITE: None.

32721  08:45AM 11:55AM  F  IT  202  J Finley
Last day to add: 02/24/12

The above section is a web-enhanced class. Internet access may be required.
CIS-38B SIM GAMING/3D ANIMATION  4.00 UNITS
Animate objects created with a 3D modeling program and then implement them in a real-time interactive simulation or video game. (Same as GAM-38B)
  • PREREQUISITE: CIS/GAM-38A.

32723  02:00PM 05:00PM TTH IT 202 T Dunipace Last day to add: 02/24/12

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

CIS-38C SIM GAMING/DYNAMICS/RENDERING  4.00 UNITS
 Create dramatic cinematic sequences based on 3D animations and incorporate them into a simulation or video game. (Same as GAM-38C)
  • PREREQUISITE: CIS/GAM-38B.

32724  02:30PM 05:30PM MW IT 202 Staff Last day to add: 02/24/12

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

CIS-39 CURRENT TECHNIQUES IN GAME ART  4.00 UNITS
Introduction to the fundamental techniques, concepts, and vocabulary of advanced sculpting for game art, animation, concept art, and digital illustration. (Same as GAM-39)
  • PREREQUISITE: None.
  • ADVISORY: Ability to manipulate graphics including layers and textures with PhotoShop or concurrent enrollment in CIS-78A or ADM-71.

33189  09:40AM 11:05AM TTH IT 202 Staff Last day to add: 02/24/12
11:15AM 12:40PM TTH IT 202 Staff Last day to add: 02/24/12

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

CIS-44 PORTFOLIO PRODUCTION  3.00 UNITS
Creation and presentation of a professional portfolio including compositing, audio and video editing skills to present work in 3D modeling, animation or concept art. (Same as GAM-44)
  • PREREQUISITES: CIS/GAM-38A, 38B and 38C.

32726  08:45AM 11:55AM F IT 106 Staff
12:10PM 03:15PM F IT 106 Staff

Last day to add: 02/24/12

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

CIS-54A INTRO TO FLASH  3.00 UNITS
Prepares students to learn Flash, an animation and interactivity tool for the web and training mediums. (Same as CAT-54A)
  • PREREQUISITE: None.
  • ADVISORY: Competency in the use of a computer and familiarity with the Internet; CIS-95A.

EVENING
33181  06:00PM 09:10PM M ATEC 118 Staff Last day to add: 02/24/12

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

CIS-56A DESIGNING WEB GRAPHICS  3.00 UNITS
Learn to create, modify and effectively employ graphic elements of webpages using Photoshop and ImageReady. (Same as CAT-56A)
  • PREREQUISITE: None.
  • ADVISORY: Competency in the use of a computer and familiarity with the Internet.

EVENING
32730  06:00PM 09:10PM W ATEC 118 W Manges Last day to add: 02/24/12

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

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

32733  09:40AM 11:00AM TTH ATEC 118 C Brotherton  02/14/12 04/05/12 Last day to add: 02/20/12

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

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.

33178  09:40AM 11:00AM TTH ATEC 118 C Brotherton  04/17/12 06/07/12 Last day to add: 04/23/12

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

CIS-81 INTRO ADOBE INDESIGN  3.00 UNITS
Page design and layout techniques using Adobe InDesign. (Same as CAT-81)
  • PREREQUISITE: None.

EVENING
32735  06:00PM 09:10PM W IT 202 D Lopez Last day to add: 02/24/12

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

COMPUTER SCIENCE

CSC-5 PROGRAM LOGIC USING C++  3.00 UNITS
Introduction to computer programming for gaming, business, scientific and mathematical applications using C++. (Same as CIS-5)
  • PREREQUISITE: None.
  • ADVISORY: CIS-1A.

All sections of CSC-5 below are web-enhanced classes. Internet access may be required.

32751  11:15AM 01:15PM TTH ATEC 118 A Rainey Last day to add: 02/24/12
CONSTRUCTION TECHNOLOGY

CON-60 INTRO TO CONSTRUCTION 3.00 UNITS
Introduction to materials, techniques and sources of information in building construction.
- PREREQUISITE: None.

EVENING
32737 06:30PM 09:40PM T IT 122 H Lindner Last day to add: 02/24/12

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

EVENING
32738 06:30PM 09:40PM M IT 122 R Skaggs Last day to add: 02/24/12

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

EVENING
32739 06:30PM 09:40PM W IT 122 J Thomas Last day to add: 02/24/12

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
32740 06:30PM 09:40PM W IT 122 J Thomas Last day to add: 02/24/12

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
32741 06:30PM 09:40PM W IT 122 J Thomas Last day to add: 02/24/12

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
32742 06:30PM 09:40PM W IT 122 J Thomas Last day to add: 02/24/12

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

EVENING
32743 06:30PM 09:40PM T JFK 204 P Link Last day to add: 02/24/12
CON-67  MECHANICAL CODE  3.00 UNITS
Review of mechanical codes and regulations in construction.
- PREREQUISITE: None.

EVENING
32744  06:30PM 09:40PM  TH  IT 122  L Franske
Last day to add: 02/24/12

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

EVENING
32745  06:30PM 10:05PM  M  IT 123  J Thomas
02/13/12 04/02/12  Last day to add: 02/24/12

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
32746  06:30PM 10:05PM  M  IT 123  J Thomas
04/16/12 06/04/12  Last day to add: 04/20/12

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

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
32747  06:30PM 09:40PM  T  IT 123  J Thomas
Last day to add: 02/24/12

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
32752  06:00PM 09:10PM  T  WEQ W5  Staff
Last day to add: 02/24/12

EARLY CHILDHOOD EDUCATION
EAR-19  OBSERVATION METHODS-ECE  3.00 UNITS
Overview of observation and assessment approaches in order to
develop, design, and implement curriculum that is responsive to and
supportive of children's typical and atypical developmental needs.
- PREREQUISITE: EAR-20.

33186  08:45AM 11:55AM  W  ECEN 115  J Stenger
Last day to add: 02/24/12

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

EVENING
32756  06:00PM 09:10PM  T  ECEN 115  J Stenger
Last day to add: 02/24/12

EAR-24  CREATIVE ACTIVITIES  3.00 UNITS
Integration of creative activity into various aspects of the curriculum.
- PREREQUISITE: None.

32757  02:00PM 05:10PM  TH  ECEN 115  S Burnett
Last day to add: 02/24/12

EAR-26  CHILD HEALTH  3.00 UNITS
A study of health, safety and nutrition factors of importance to the
teacher, child and family of the young child.
- PREREQUISITE: EAR-20.

EVENING
33185  06:00PM 09:10PM  TH  ECEN 115  B Zentgraf
Last day to add: 02/24/12

EAR-28  PRINCIPLES/PRACTICES  3.00 UNITS
The effects of the different principles and practices used to educate
young children.
- PREREQUISITE: None.

33195  10:30AM 01:40PM  F  ECEN 115  S Burnett
Last day to add: 02/24/12

EAR-30  INTRNSHP/EARLY CHILD  4.00 UNITS
Supervised student teaching at the Early Childhood Lab School.

33188  09:00AM 01:00PM  MW  STOK E102  S Burnett
08:00AM 10:05AM  F  ECEN 115  S Burnett
Last day to add: 02/24/12

The above section meets MW at the Innovative Learning Center at
Stokoe Elementary, 4501 Ambs Dr., Riverside and requires
background clearance prior to the first day of class. Please complete
the form at https://web.rccd.us/ilcform/. For more information,
call 951-328-3757.

33194  09:00AM 01:00PM  TTH  STOK E102  S Burnett
08:00AM 10:05AM  F  ECEN 115  S Burnett
Last day to add: 02/24/12

The above section meets TTH at the Innovative Learning Center at
Stokoe Elementary, 4501 Ambs Dr., Riverside and requires
background clearance prior to the first day of class. Please complete
the form at https://web.rccd.us/ilcform/. For more information,
call 951-328-3757.

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

32764 08:00AM 09:25AM TTH ECEN 115 C Rajakone
32763 08:45AM 10:10AM MW IT 122 C Rajakone

ECO-7 MACROECONOMICS 3.00 UNITS
Economic theory and analysis as applied to the U.S. economy as a whole.

- PREREQUISITE: None.
- ADVISORY: Qualification for ENG-1A and MAT-52.

32767 09:40AM 11:05AM TTH IT 117 P Boelman
32765 02:30PM 03:55PM MW WEQ W7 P Boelman

EVENING 32766 06:00PM 09:10PM W ATEC 204 P Boelman

ECO-8 MICROECONOMICS 3.00 UNITS
Economic theory and analysis applied to consumer and producer behavior in markets.

- PREREQUISITE: None.
- ADVISORY: Qualification for ENG-1A and MAT-52.

32769 11:15AM 12:40PM TTH IT 101 P Boelman
32768 12:45PM 02:10PM MW IT 117 P Boelman

ELECTRONICS

ELE-10 SURVEY ELECTRONICS 4.00 UNITS
Basic electronic theory, including Ohm’s Law, DC, AC, solid state devices, and oscilloscope operation.

- PREREQUISITE: None.

EVENING 32770 06:30PM 09:40PM WTH CACT 1 G Graham

ELE-21 DC-AC ELECTRONICS 4.00 UNITS
Basic DC/AC theory including Ohm’s Law circuit theorems, generation, reactance, resonance, filters and transformers.

- PREREQUISITE: None.

EVENING 33170 06:30PM 09:40PM M CACT 1 S Curren

ELE-24 ACTIVE CIRCUIT ANALYSIS 3.00 UNITS
Mathematical analysis of electronic devices and circuits.

- PREREQUISITE: None. ELE-23 recommended.

33241 06:00PM 09:10PM TH JFK 112 Staff

ELE-26 MICROPROCESSORS, MICROCONTROLLERS 4.00 UNITS
Introduction to microprocessors and microcontrollers.

- PREREQUISITE: None.
- ADVISORY: ELE-25.

EVENING 33171 06:30PM 09:40PM M CACT 1 A Casas

ENGINEERING

ENE-1B PLANE SURVEYING, II 3.00 UNITS
Fundamental surveying methods and procedures.

- PREREQUISITE: ENE-1A.

EVENING 32773 06:00PM 08:05PM T JFK 112 Staff

The above section meets on alternating Fridays beginning February 25, 2012.

ENE-21 DRAFTING 3.00 UNITS
Fundamentals of mechanical drawing including lettering, instruments, projection, freehand drawing, and auxiliary views.

- PREREQUISITE: None.

32775 08:10AM 09:35AM M ATEC 109 A Casas

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www.norcocollegebookstore.com
### ENE-35 Statics 3.00 UNITS
Forces, free-body diagrams, moments of inertia, friction, second moments and analytical and graphical problem solving.
- **PREREQUISITE:** PHY-4A.

#### EVENING
3.00PM 09:40PM  W  IT  123  P Silva  
Last day to add: 02/24/12

---

### 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
06:00PM 07:25PM  T  ATEC 109  G Cordier  
07:30PM 09:20PM  T  ATEC 109  
06:00PM 09:20PM  TH  ATEC 109  
Last day to add: 02/24/12

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### 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
06:00PM 07:25PM  M  IT  127  G Cordier  
07:30PM 09:20PM  M  IT  127  
06:00PM 09:20PM  W  IT  127  
Last day to add: 02/24/12

---

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

#### EVENING
08:10AM 09:35AM  T  IT  127  E Wales  
09:40AM 11:30AM  T  IT  127  
08:10AM 11:30AM  TH  IT  127  
Last day to add: 02/24/12

3.00PM 02:00PM 3:25PM  T  IT  125  C Garcia  
03:30PM 05:20PM  T  IT  125  
02:00PM 05:20PM  W  IT  125  
Last day to add: 02/24/12

---

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

#### EVENING
06:00PM 07:25PM  T  IT  125  C Garcia  
07:30PM 09:20PM  T  IT  125  
06:00PM 09:20PM  TH  IT  125  
Last day to add: 02/24/12

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

#### EVENING
06:00PM 07:25PM  M  IT  125  C Garcia  
07:30PM 09:10PM  M  IT  125  
06:00PM 09:10PM  W  IT  125  
Last day to add: 02/24/12

---

### ENGLISH

**ENG-1A ENGLISH COMPOSITION** 4.00 UNITS
Teaches college-level critical reading, academic writing, and research skills.
- **PREREQUISITE:** ENG-50 or qualifying placement level.

#### EVENING
08:15AM 10:20AM  MW  IT  125  L Nurick  
Last day to add: 02/24/12

3.00PM 02:00PM 4:20PM  TTH ATEC 109  D Firl  
Last day to add: 02/24/12

---

### Placement Guidelines:

#### ENGLISH 1A
One of the following:
1. Qualifying preparation score based on the DTLSS or Accuplacer test and academic background.
2. A grade of C or better in ENG-50.

#### ENGLISH 1B
A grade of C or better in EN 1A.

#### ENGLISH 50
One of the following:
1. Qualifying preparation score based on the DTLSS or Accuplacer test and academic background.
2. Successful completion of ENG-50B or ESL-55.

**ENGLISH 60A:**
There is no prerequisite; the course is open to all students.

It is strongly recommended that students register in an appropriate composition course (ENG-1A, 50, 60A, or 95B) during their first semester of enrollment.

See “Moving through English” for more details.
32791 10:30AM 12:35PM MW IT 125 L Nurick Last day to add: 02/24/12
32795 10:30AM 12:35PM TTH ATEC 109 D Firl Last day to add: 02/24/12
32792 12:45PM 02:50PM MW ST 108 S Tschetter Last day to add: 02/24/12
32804 12:45PM 02:50PM MW CACT 1 N Capps Last day to add: 02/24/12
32794 02:00PM 04:05PM TTH IT 109 D Mills Last day to add: 02/24/12

The above section is designed for students in the Puente Program. See the instructor and a counselor before enrolling.

32797 02:00PM 03:10PM T IT 111 M Bader 04/16/12 06/04/12
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.

32803 02:00PM 03:10PM T IT 111 M Bader 02/13/12 04/02/12
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.

32796 03:00PM 05:05PM MW IT 111 D Schwankle Last day to add: 02/24/12
32799 04:15PM 06:20PM TTH IT 210 E Leduc Last day to add: 02/24/12

**EVENING**
32798 05:30PM 07:35PM MW IT 111 D Schwankle Last day to add: 02/24/12
32802 06:30PM 08:35PM TTH IT 210 E Leduc Last day to add: 02/24/12

**ENG-1A** **HONORS ENGLISH COMP** **4.00 UNITS**

Offers students in the Honors Program an enriched experience in the development of college-level critical reading, academic writing, and research skills.

- **PREREQUISITE:** ENG-50 or qualifying placement level.
- **LIMITATION ON ENROLLMENT:** Enrollment in the Honors Program.

All sections of ENG-1A have a 1-hour per week laboratory requirement to be arranged on the Norco College campus. Your instructor will have details the first day of class.

32805 10:30AM 12:35PM MW IT 210 M Bader Last day to add: 02/24/12

---

**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.

All sections of ENG-1B have a 1-hour per week laboratory requirement to be arranged on the Norco College campus. Your instructor will have details the first day of class.

32808 08:15AM 10:20AM TTH IT 110 M Cluff Last day to add: 02/24/12
32809 12:45PM 02:50PM MW IT 208 A Romagnoli Last day to add: 02/24/12

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

32807 02:00PM 04:05PM MW IT 122 J Mull Last day to add: 02/24/12
32806 02:00PM 04:05PM TTH IT 110 L Nelson Last day to add: 02/24/12

The above section is designed with special emphasis in African American culture. See the instructor and a counselor before enrolling.

32813 02:00PM 04:05PM TTH IT 121 M Cluff Last day to add: 02/24/12
32814 03:00PM 05:05PM MW IT 123 A Romagnoli Last day to add: 02/24/12

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

**EVENING**
32812 06:30PM 08:35PM MW IT 110 J Mull Last day to add: 02/24/12

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

**ENG-1BH** **HON CRITICAL THINK/WRIT** **4.00 UNITS**

An Honors course that focuses on literature and argument, while 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.

All sections of ENG-1BH have a 1-hour per week laboratory requirement to be arranged on the Norco College campus. Your instructor will have details the first day of class.

32815 10:30AM 12:35PM MW IT 110 S Tschetter Last day to add: 02/24/12

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
<th>Prerequisites/Advisory Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-4</td>
<td>WRITING TUTOR TRAINING</td>
<td>2.00</td>
<td>Designed for students interested in receiving training and experience in tutoring writing in a lab/classroom setting.</td>
<td>PREREQUISITE: ENG-1A or 1AH.</td>
</tr>
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<td></td>
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<td>ENG-4 has a weekly laboratory requirement to be arranged on the Norco College campus. Your instructor will have details the first day of class.</td>
<td></td>
</tr>
<tr>
<td>ENG-7</td>
<td>BRITISH LITERATURE I</td>
<td>3.00</td>
<td>Survey of British literature from 1800 to the present.</td>
<td>PREREQUISITE: None. ADVISORY: ENG-1B or 1BH.</td>
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<td>33207 05:30PM 06:55PM TTH IT 110 A Flick Last day to add: 02/24/12</td>
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</tr>
<tr>
<td>ENG-8</td>
<td>INTRODUCTION TO MYTHOLOGY</td>
<td>3.00</td>
<td>A study of Greco-Roman and other mythological traditions. (Same as HUM-8)</td>
<td>PREREQUISITE: None. ADVISORY: ENG-1B or 1BH.</td>
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<td>33210 06:00PM 09:10PM M ST 108 B Pavlis Last day to add: 02/24/12</td>
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<tr>
<td>ENG-20</td>
<td>SURVEY AFRICAN AMER LITERATURE</td>
<td>3.00</td>
<td>Survey of African American literature from the early oral traditions to contemporary literature. Students who have taken ENG-21 and ENG-22 may not receive credit for ENG-20.</td>
<td>PREREQUISITE: None. ADVISORY: ENG-1B or 1BH.</td>
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<td>33206 10:30AM 11:55AM MW IT 123 L Nelson Last day to add: 02/24/12</td>
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<tr>
<td>ENG-30</td>
<td>CHILDREN'S LITERATURE</td>
<td>3.00</td>
<td>Survey of children's literature from early times with an emphasis on contemporary material.</td>
<td>PREREQUISITE: None. ADVISORY: Qualification for ENG-1A.</td>
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<td>33208 06:00PM 09:10PM W ST 108 B Pavlis Last day to add: 02/24/12</td>
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<tr>
<td>ENG-50</td>
<td>BASIC ENGLISH COMP</td>
<td>4.00</td>
<td>Prepares students for college-level reading and academic writing.</td>
<td>PREREQUISITE: ENG-60B, ESL-55 or qualifying placement level. ADVISORY: REA-82 or qualifying placement level.</td>
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<td>All sections of ENG-50 have a 1-hour per week laboratory requirement to be arranged on the Norco College campus. Your instructor will have details the first day of class.</td>
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<td>The above section is a hybrid class. Computer with Internet access required. See <a href="http://www.opencampus.com">www.opencampus.com</a>.</td>
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<td>32823 08:15AM 10:20AM TTH IT 111 T Comstock Last day to add: 02/24/12</td>
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<td>32816 10:30AM 12:35PM MW ST 108 A Elizalde Last day to add: 02/24/12</td>
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<td>32817 10:30AM 12:35PM TTH IT 211 L Nelson Last day to add: 02/24/12</td>
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<td>The above section is designed with special emphasis on African American culture and requires concurrent enrollment in GUI-47-3268. See the instructor and a counselor before enrolling.</td>
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<td>32818 12:45PM 02:50PM MW IT 111 A Elizalde Last day to add: 02/24/12</td>
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<td>32820 02:00PM 04:05PM MW IT 210 M Nadelson Last day to add: 02/24/12</td>
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<td>32821 03:00PM 05:05PM TTH LIBR 110 N Null Last day to add: 02/24/12</td>
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<td>32824 04:15PM 06:20PM MW IT 210 M Nadelson Last day to add: 02/24/12</td>
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<td>32822 05:30PM 07:35PM TTH IT 111 N Null Last day to add: 02/24/12</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.)</td>
<td>PREREQUISITE: None.</td>
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<td>All sections of ENG-60A have a 1-hour per week laboratory requirement to be arranged on the Norco College campus. Your instructor will have details the first day of class.</td>
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<td>32830 08:15AM 10:20AM MW IT 210 D Chaffin Last day to add: 02/24/12</td>
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</tbody>
</table>
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.

All sections of ENG-60B have a 1-hour per week laboratory requirement to be arranged on the Norco College campus. Your instructor will have details the first day of class.
ENGLISH AS A SECOND LANGUAGE

SPRING 2012
ESL ONE-STOP DATES
(NEW ESL STUDENTS MUST TAKE PTESL TEST)

We offer “ESL One-Stop” sessions. You can take the ESL placement test and attend a college orientation on the same date. An ESL One-Stop session takes about 3 ½ hours.

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

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

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

ESL-51 BASIC WRITING AND GRAMMAR 4.00 UNITS
A beginning ESL course for non-native speakers focusing on basic academic writing and grammar skills.
(Non-degree credit course. Pass-No Pass only.)
★ PREREQUISITE: None.

EVENING
32853 06:30PM 09:00PM M JFK 118 N Rodriguez
06:30PM 09:00PM W JFK 118
08:10PM 09:00PM W JFK 118
Last day to add: 02/24/12

ESL-52 LOW-INTERMED WRITING/GRAMMAR 4.00 UNITS
A low-intermediate ESL course for non-native speakers focusing on academic writing and grammar skills.
(Non-degree credit course. Pass-No Pass only.)
★ PREREQUISITE: Qualifying placement level on a state-approved placement instrument, or successful completion of ESL-51.

EVENING
32854 06:30PM 09:00PM M WEQ W4 D Tougas
06:30PM 09:00PM W WEQ W4
08:10PM 09:00PM W WEQ W4
Last day to add: 02/24/12

ESL-53 INTERMED WRITING/GRAMMAR 4.00 UNITS
An intermediate English as a Second Language course for non-native speakers focusing on academic writing and grammar skills.
(Non-degree credit course. Pass-No Pass only.)
★ PREREQUISITE: Qualifying placement level on a state-approved placement instrument, or successful completion of ESL-52.

EVENING
32855 06:30PM 09:00PM T IT 211 L Tougas
06:30PM 09:00PM TH IT 211
08:10PM 09:00PM TH IT 211
Last day to add: 02/24/12

ESL-54 HIGH-INTERMED WRITING/GRAMMAR 5.00 UNITS
A high-intermediate English as a Second Language course for non-native speakers of English focusing on academic grammar and writing skills, especially paragraph development.
(Degree-credit course. Letter Grade, or Pass-No Pass option.)
★ PREREQUISITE: Qualifying placement level on a state-approved placement instrument, or successful completion of ESL-53.

32856 10:30AM 01:00PM MW IT 127 M Shirinian
Last day to add: 02/24/12

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.

32857 09:40AM 12:10PM TTH IT 123 M Shirinian
Last day to add: 02/24/12

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.

32859 08:00AM 09:25AM TTH ATEC 205 E Ogbuchiekw4
32858 08:45AM 10:10AM MW ATEC 114 R Christov
33166 10:30AM 11:55AM MW ATEC 114 R Christov
32861 02:30PM 03:55PM MW ATEC 205 Staff
Last day to add: 02/24/12

EVENING
32860 06:30PM 09:40PM M ATEC 205 R Jacobsen
Last day to add: 02/24/12

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.

32863 09:40AM 11:05AM TTH ATEC 205 E Ogbuchielekw4
32862 10:30AM 11:55AM MW ATEC 205 E Ogbuchiekw4
32864 12:45PM 02:10PM MW ATEC 205 R Christov
Last day to add: 02/24/12

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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.

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 transfer major. Required materials fee will be charged to the student and is not covered by BOGW.
- PREREQUISITE: None.

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.

HEALTH SCIENCE

HES-1  HEALTH SCIENCE  3.00 UNITS  
- PREREQUISITE: None.

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.

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.
### HIS-7 Political Sociology of the United States 3.00 UNITS
A history of the United States from 1877 to the present.
- **PREREQUISITE:** None.
- **ADVISORY:** Qualification for ENG-1A.

<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>32895</td>
<td>10:30AM-11:55AM</td>
<td>MW</td>
<td>ATEC 211</td>
<td>S Kyriakos</td>
<td>Last day to add: 02/24/12</td>
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<tr>
<td>32896</td>
<td>12:45PM-02:10PM</td>
<td>MW</td>
<td>ATEC 211</td>
<td>S Kyriakos</td>
<td>Last day to add: 02/24/12</td>
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<td>32897</td>
<td>02:00PM-03:25PM</td>
<td>TTH</td>
<td>ATEC 211</td>
<td>S Kyriakos</td>
<td>Last day to add: 02/24/12</td>
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<td>32898</td>
<td>04:15PM-05:40PM</td>
<td>MW</td>
<td>ATEC 211</td>
<td>S Kyriakos</td>
<td>Last day to add: 02/24/12</td>
</tr>
</tbody>
</table>

All sections of HIS-7 below are web-enhanced class. Internet access may be required.

### ENG-1AH Honors English Composition 4.00 UNITS
An Honors course that focuses on literature and argument, while developing critical thinking, reading, and writing skills beyond the level achieved in ENG-1A or 1AH.
- **PREREQUISITE:** ENG-50 or qualifying placement level.
- **LIMITATION ON ENROLLMENT:** Enrollment in the Honors Program.

<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>32805</td>
<td>10:30AM-12:35PM</td>
<td>MW</td>
<td>IT 210</td>
<td>M Bader</td>
<td>Last day to add: 02/24/12</td>
</tr>
</tbody>
</table>

All sections of ENG-1AH and ENG-1BH have a 1-hour per week laboratory requirement to be arranged on the Norco College campus. Your instructor will have details the first day of class.

### ENG-1BH Honors Critical Thinking/Writing 4.00 UNITS
An Honors course that focuses on literature and argument, while 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.

<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>32815</td>
<td>10:30AM-12:35PM</td>
<td>MW</td>
<td>IT 110</td>
<td>S Tschetter</td>
<td>Last day to add: 02/24/12</td>
</tr>
</tbody>
</table>

### HUMANITIES

**HUM-5 Arts & Ideas: Renaissance-Modern 3.00 UNITS**
An interdisciplinary study of the origins of movements in art, literature, music, philosophy and religion in Western civilization from the Renaissance through the post-Modern era.
- **PREREQUISITE:** None.
- **ADVISORY:** Qualification for ENG-1A.

<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>32906</td>
<td>12:45PM-02:10PM</td>
<td>MW</td>
<td>IT 101</td>
<td>B Pavlis</td>
<td>Last day to add: 02/24/12</td>
</tr>
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</table>

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

### ONLINE

**ONLINE**

<table>
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<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>33227</td>
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<td>ON</td>
<td>LINE</td>
<td>B Pavlis</td>
<td>Last day to add: 02/24/12</td>
</tr>
</tbody>
</table>

The above section is an online class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).
HUM-8  INTRODUCTION TO MYTHOLOGY  3.00 UNITS
A study of Greco-Roman and other mythological traditions.
• PREREQUISITE: None.
• ADVISORY: ENG-1B or 1BH.

EVENING
33228  06:00PM 09:10PM  M  ST 108  B Pavlis
Last day to add: 02/24/12
The above section is a web-enhanced class. Internet access may be required.

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

32903  08:00AM 09:25AM  TTH  IT 101  B Skinner
Last day to add: 02/24/12
The above section is a web-enhanced class. Internet access may be required.

JPN-2  JAPANESE 2  5.00 UNITS
Further development of basic skills in understanding, reading, communicating and writing in Japanese.
• PREREQUISITE: JPN-1.

32910  09:00AM 11:55AM  T  LIBR 121  C Dealba-Yount
09:00AM 12:10PM  TH  LIBR 109
Last day to add: 02/24/12

JOURNALISM
JOU-20  NEWSPAPER  3.00 UNITS
Emphasis on both theory and practice in producing the college newspaper.
• PREREQUISITE: None.
• ADVISORY: JOU-1 or PHO-8 or ENG-1A or 1AH.

33240  09:40AM 11:05AM  T  IT 125  C Risling
11:15AM 12:50PM  T  IT 125
09:40AM 12:50PM  TH  IT 125
Last day to add: 03/15/12

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

33124  08:00AM 09:25AM  TTH  WEQ W7  T Wallstrom
Last day to add: 02/24/12
33125  09:40AM 11:05AM  TTH  WEQ W7  T Wallstrom
Last day to add: 02/24/12
33126  11:15AM 12:40PM  TTH  WEQ W7  T Wallstrom
Last day to add: 02/24/12

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.

EVENING
32831  03:00PM 04:25PM  TH  WEQ W3  J Winn
06:00PM 08:30PM  TH  WEQ W3
Last day to add: 02/24/12

KIN-30  FIRST AID AND CPR  3.00 UNITS
Earn “American Red Cross Responding to Emergencies” and “American Heart Association Healthcare Professional” certificates. First Aid and CPR fees totaling $16.75 are also required and are not covered by BOGW. Drop deadlines for non-payment apply.
• PREREQUISITE: None.

33117  08:00AM 09:25AM  MW  WEQ W3  P Mahoney
Last day to add: 02/24/12

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Day(s)</th>
<th>Instructor(s)</th>
<th>Additional Information</th>
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<td>TTH</td>
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<tr>
<td>33120</td>
<td>11:15AM</td>
<td>TTH</td>
<td>B Wimer</td>
<td>Last day to add: 02/24/12</td>
</tr>
</tbody>
</table>

### KIN-38 STRESS MANAGEMENT 3.00 UNITS
Stress Management is explored through informative lectures, projects, and discussion, while the lab component offers students an opportunity to practice a variety of relaxation techniques.
- **PREREQUISITE:** None.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Day(s)</th>
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<tr>
<td>11:50AM</td>
<td>MW</td>
<td></td>
<td>WEQ W2</td>
<td>Last day to add: 02/24/12</td>
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<tr>
<td>33122</td>
<td>12:45PM</td>
<td>MW</td>
<td>B Wimer</td>
<td>Last day to add: 02/24/12</td>
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<tr>
<td>02:05PM</td>
<td>MW</td>
<td></td>
<td>WEQ W2</td>
<td>Last day to add: 02/24/12</td>
</tr>
</tbody>
</table>

### KIN-A40 KARATE, BEGINNING 1.00 UNITS
Develops basic skills needed for unarmed self-defense by using shifting, blocking, punching and kicking.
- **PREREQUISITE:** None.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Day(s)</th>
<th>Instructor(s)</th>
<th>Additional Information</th>
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<tr>
<td>33127</td>
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<td>MW</td>
<td>D Namekata</td>
<td>Last day to add: 02/24/12</td>
</tr>
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</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Day(s)</th>
<th>Instructor(s)</th>
<th>Additional Information</th>
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<td>Last day to add: 02/24/12</td>
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<td>10:30AM</td>
<td>TTH</td>
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<td>F Stewart</td>
<td>Last day to add: 02/24/12</td>
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### KIN-A64 SOCCER 1.00 UNITS
Introduces rules, basic skills, offensive and defensive strategies, and competition in soccer.
- **PREREQUISITE:** None.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Day(s)</th>
<th>Instructor(s)</th>
<th>Additional Information</th>
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<tbody>
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<td>TTH</td>
<td>F Melgarejo</td>
<td>Last day to add: 02/24/12</td>
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<td>10:30AM</td>
<td>MW</td>
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<td>L Jalayer</td>
<td>Last day to add: 02/24/12</td>
</tr>
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</table>

### KIN-A75 WALKING FOR FITNESS 1.00 UNITS
Provides instruction in walking technique and fitness, nutrition, and weight control as it relates to a walking program.
- **PREREQUISITE:** None.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Day(s)</th>
<th>Instructor(s)</th>
<th>Additional Information</th>
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<tbody>
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<td>TTH</td>
<td>B Wimer</td>
<td>Last day to add: 02/24/12</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Day(s)</th>
<th>Instructor(s)</th>
<th>Additional Information</th>
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<tbody>
<tr>
<td>33133</td>
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<td>MW</td>
<td>M Kassouf</td>
<td>Last day to add: 02/24/12</td>
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</table>

### KIN-A95 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
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<th>Instructor(s)</th>
<th>Additional Information</th>
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<tr>
<td>33134</td>
<td>12:45PM</td>
<td>MW</td>
<td>L Jalayer</td>
<td>Last day to add: 02/24/12</td>
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</table>

### LIBRARY

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Day(s)</th>
<th>Instructor(s)</th>
<th>Additional Information</th>
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<tbody>
<tr>
<td>33239</td>
<td>03:00PM</td>
<td>TH</td>
<td>V Harris</td>
<td>Last day to add: 02/20/12</td>
</tr>
</tbody>
</table>

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.

### MACHINE SHOP TECHNOLOGY

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Day(s)</th>
<th>Instructor(s)</th>
<th>Additional Information</th>
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<tbody>
<tr>
<td>32913</td>
<td>06:00PM</td>
<td>WTH</td>
<td>K Wils</td>
<td>Last day to add: 02/24/12</td>
</tr>
</tbody>
</table>

### MANAGEMENT

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

<table>
<thead>
<tr>
<th>Course</th>
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<th>Day(s)</th>
<th>Instructor(s)</th>
<th>Additional Information</th>
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<tbody>
<tr>
<td>32914</td>
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<td>TH</td>
<td>E Davalos</td>
<td>Last day to add: 02/24/12</td>
</tr>
</tbody>
</table>

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www.norcocollagebookstore.com
MANUFACTURING TECHNOLOGY

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

EVENING
32919  06:00PM 09:10PM W  CACT 2  K Wils
Last day to add: 02/24/12

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

EVENING
32916  06:00PM 09:10PM W  IT 117  G Zwart
02/15/12 05/30/12
Last day to add: 02/26/12

The above section is a short term hybrid class that meets alternating Wednesdays beginning 02/15/12. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

ONLINE
32915  ONLINE  G Zwart
04/16/12 06/07/12
Last day to add: 04/24/12

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

EVENING
32917  06:30PM 09:40PM W  IT 117  G Zwart
02/15/12 05/30/12
Last day to add: 02/26/12

The above section is a short term hybrid class that meets alternating Wednesdays beginning 02/15/12. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

ONLINE
32916  ONLINE  G Zwart
04/16/12 06/07/12
Last day to add: 04/24/12

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-70  INTRO ORGANIZATION DEVELOPMENT  3.00 UNITS
Introduction to techniques for improving organizational effectiveness through process improvement and development of people.
(Same as BUS-70)
- PREREQUISITE: None.
- ADVISORY: MAG-44.

EVENING
33229  06:30PM 09:40PM W  JFK 117  A Riker
02/21/12 05/29/12
Last day to add: 02/25/12

The above section is a short term hybrid class that meets alternating Tuesdays beginning 02/21/12. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

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

EVENING
33175  06:00PM 08:15PM TH  IT 123  Staff
08:25PM 09:15PM TH  IT 124
09:00AM 12:10PM S  IT 124
Last day to add: 02/24/12

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
33000  06:30PM 09:40PM T  JFK 117  A Riker
02/14/12 05/29/12
Last day to add: 02/25/12

The above section is a short term hybrid class that meets alternating Tuesdays beginning 02/14/12. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

MKT-42  RETAIL MANAGEMENT  3.00 UNITS
Survey of retail management, philosophies, strategies, concepts and objectives.
- PREREQUISITE: None.

EVENING
33214  06:30PM 09:40PM T  JFK 117  A Riker
02/21/12 05/06/12
Last day to add: 03/03/12

The above section is a short term hybrid class that meets alternating Tuesdays beginning 02/21/12. Computer with Internet access required. See www.opencampus.com. Please note the start and end dates.

MATHEMATICS

MAT-1A  CALCULUS I  4.00 UNITS
Plane analytic geometry, functions, differentiation with applications and basic integration.
- PREREQUISITE: MAT-10 or qualifying placement level.

EVENING
32933  09:40AM 11:45AM TTH  WEG W5  R Prior
11:50AM 12:55PM TTH  WEG W5
Last day to add: 02/24/12

EVENING
32934  05:30PM 07:35PM MW  ATEC 119  Staff
07:40PM 08:45PM W  ATEC 119
Last day to add: 02/24/12

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<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
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<tbody>
<tr>
<td>MAT-1B</td>
<td>CALCULUS II</td>
<td>4.00</td>
<td>Integration, applications of integration, series, parametric equations, and polar coordinates.</td>
</tr>
<tr>
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<td>* PREREQUISITE: MAT-1A.</td>
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<tr>
<td>32935</td>
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<td>09:40AM 11:45AM TTH ATEC 119 J Rey Last day to add: 02/24/12</td>
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<td></td>
<td>EVENING</td>
<td>07:40AM 08:45PM M IT 109 Last day to add: 02/24/12</td>
</tr>
<tr>
<td>MAT-1C</td>
<td>CALCULUS III</td>
<td>4.00</td>
<td>Vectors, partial differentiation and multiple integrals with applications.</td>
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<td>* PREREQUISITE: MAT-1B.</td>
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<tr>
<td>32937</td>
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<td>09:40AM 11:45AM TTH IT 209 B Johnson Last day to add: 02/24/12</td>
</tr>
<tr>
<td>MAT-2</td>
<td>DIFFERENTIAL EQUATIONS</td>
<td>4.00</td>
<td>Introduction to differential equations and their applications.</td>
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<td>* PREREQUISITE: MAT-1B.</td>
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<tr>
<td>32938</td>
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<td></td>
<td>02:00PM 04:05PM TTH IT 206 D Smith Last day to add: 02/24/12</td>
</tr>
<tr>
<td>MAT-5</td>
<td>CALCULUS, SHORT COURSE</td>
<td>4.00</td>
<td>Calculus for economics, business, biology and social science majors.</td>
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<td></td>
<td>Applications of the derivative and integration.</td>
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<td>* PREREQUISITE: MAT-35 or qualifying placement level.</td>
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<tr>
<td>32964</td>
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<td>09:40AM 11:45AM TTH ATEC 210 A Robles Last day to add: 02/24/12</td>
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<tr>
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<td>02:00PM 04:05PM MW ATEC 210 A Robles Last day to add: 02/24/12</td>
</tr>
<tr>
<td>MAT-6</td>
<td>DISCRETE MATHEMATICS</td>
<td>3.00</td>
<td>Fundamental topics in mathematics for Computer Science.</td>
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<td></td>
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<td>(Same as CSC-6)</td>
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<td>* PREREQUISITE: MAT-10.</td>
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<td>* ADVISORY: CIS/CSC-5.</td>
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<tr>
<td>33234</td>
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<td>02:30PM 03:55PM MW ATEC 118 M Soriano Last day to add: 02/24/12</td>
</tr>
<tr>
<td>MAT-10</td>
<td>PRECALCULUS</td>
<td>4.00</td>
<td>College-level algebra and trigonometry preparation for calculus.</td>
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<td>* PREREQUISITE: MAT-36 or qualifying placement level.</td>
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<tr>
<td>32920</td>
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<td>08:15AM 10:20AM MW IT 109 J Rey Last day to add: 02/24/12</td>
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<td></td>
<td></td>
<td>EVENING</td>
<td>05:30PM 07:35PM TTH JFK 119 R Ries Last day to add: 02/24/12</td>
</tr>
<tr>
<td>MAT-11</td>
<td>COLLEGE ALGEBRA</td>
<td>4.00</td>
<td>College-level algebra.</td>
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<td>* PREREQUISITE: MAT-35 or qualifying placement level.</td>
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<tr>
<td>32925</td>
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<td>09:40AM 11:45AM TTH IT 206 D Smith Last day to add: 02/24/12</td>
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<td>32927</td>
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<td>EVENING</td>
<td>10:30AM 12:35PM MW ATEC 119 Staff Last day to add: 02/24/12</td>
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<td>32923</td>
<td></td>
<td></td>
<td>03:00PM 05:05PM MW WEG W4 Staff Last day to add: 02/24/12</td>
</tr>
<tr>
<td>MAT-12</td>
<td>STATISTICS</td>
<td>3.00</td>
<td>A study of statistical methods and their application to hypothesis testing and estimation of population parameters.</td>
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<td>* PREREQUISITE: MAT-35 or qualifying placement level.</td>
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<tr>
<td>32929</td>
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<td>08:45AM 10:10AM MW ATEC 119 A Robles Last day to add: 02/24/12</td>
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<tr>
<td>32938</td>
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<td></td>
<td>02:00PM 03:25PM TTH IT 209 R Ries Last day to add: 02/24/12</td>
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<td>32928</td>
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<td>04:15PM 05:40PM TTH LIBR 108 Staff Last day to add: 02/24/12</td>
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<td></td>
<td>EVENING</td>
<td>06:00PM 09:10PM W WEG W7 Staff Last day to add: 02/24/12</td>
</tr>
<tr>
<td>MAT-32</td>
<td>INTRO TO SYMBOLIC LOGIC</td>
<td>3.00</td>
<td>Principles of deductive reasoning applying modern symbolic techniques.</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td>(Same as PHI-32)</td>
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<td>* PREREQUISITE: None.</td>
</tr>
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<td></td>
<td>* LIMITATION ON ENROLLMENT: May not be taken if credit for PHI-32 has been granted.</td>
</tr>
<tr>
<td>32939</td>
<td></td>
<td></td>
<td>11:15AM 12:40PM MW IT 209 R Ries Last day to add: 02/24/12</td>
</tr>
<tr>
<td>MAT-35</td>
<td>INTERMEDIATE ALGEBRA</td>
<td>5.00</td>
<td>Algebra preparation for college-level mathematics.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>* PREREQUISITE: MAT-52 or qualifying placement level.</td>
</tr>
<tr>
<td>32949</td>
<td></td>
<td></td>
<td>07:00AM 09:30AM TTH ATEC 119 Staff Last day to add: 02/24/12</td>
</tr>
<tr>
<td>32943</td>
<td></td>
<td></td>
<td>07:50AM 10:20AM MW IT 101 Staff Last day to add: 02/24/12</td>
</tr>
<tr>
<td>32944</td>
<td></td>
<td></td>
<td>08:45AM 10:10AM MW LIBR 108 B Johnson Last day to add: 02/24/12</td>
</tr>
</tbody>
</table>

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

32971 07:20AM 09:25AM  TTH ATEC 204 Staff Last day to add: 02/24/12
32966 08:15AM 10:20AM  MW IT 206 S Park Last day to add: 02/24/12
32978 09:40AM 11:45AM  TTH IT 109 S Park Last day to add: 02/24/12
32967 10:30AM 12:35PM  MW IT 206 S Park Last day to add: 02/24/12
32968 12:45PM 02:50PM  MW ECEN 115 Staff Last day to add: 02/24/12
32980 02:00PM 04:05PM  MW IT 206 R Ries Last day to add: 02/24/12
32981 02:00PM 04:05PM  WEQ W5 S Park Last day to add: 02/24/12

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.

32953 06:00AM 07:25PM  TTH LIBR 108 E Chung Last day to add: 02/24/12
32955 07:45PM 09:10PM  TTH LIBR 108 E Chung Last day to add: 02/24/12

All sections of MAT-36 below are hybrid classes. Computer with Internet access required. See www.opencampus.com.

32962 10:00AM 12:30PM  TTH ATEC 210 B Johnson Last day to add: 02/24/12
32948 10:30AM 11:55AM  MW WEQ W6 E Chung Last day to add: 02/24/12
32947 10:00AM 11:25AM  MW WEQ W6 E Chung Last day to add: 02/24/12
32954 06:00PM 07:25PM  TTH ATEC 205 J DeGuzman Last day to add: 02/24/12
32957 07:45PM 09:10PM  TTH ATEC 205 J DeGuzman Last day to add: 02/24/12
32956 09:40AM 11:45AM  TTH ATEC 205 J DeGuzman Last day to add: 02/24/12
32960 09:40AM 11:45AM  TTH ATEC 205 J DeGuzman Last day to add: 02/24/12

All sections of MAT-35 below are hybrid classes. Computer with Internet access required. See www.opencampus.com.

32958 10:00AM 12:30PM  TTH LIBR 108 J DeGuzman Last day to add: 02/24/12
32959 07:45PM 09:10PM  TTH LIBR 108 E Chung Last day to add: 02/24/12

All sections of MAT-35 below are online classes that require proctored exams, either on an RCCD campus or by an off-site proctor approved by the instructor. Computer with Internet access required. See www.opencampus.com.

32952 10:00AM 12:30PM  TTH LIBR 108 J DeGuzman Last day to add: 02/24/12
32948 10:30AM 11:55AM  MW ATEC 210 B Johnson Last day to add: 02/24/12

The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.
### 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>Term</th>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>EVENING</td>
<td>32982</td>
<td>10:30AM 11:55AM</td>
<td>MW</td>
<td>WEQ W4</td>
<td>A Robles</td>
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<tr>
<td></td>
<td>32983</td>
<td>04:15PM 05:40PM</td>
<td>TTH</td>
<td>ATEC 205</td>
<td>D Smith</td>
</tr>
</tbody>
</table>

### 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>Term</th>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVENING</td>
<td>32988</td>
<td>08:00AM 09:25AM</td>
<td>TTH</td>
<td>ATEC 211</td>
<td>Staff</td>
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<tr>
<td></td>
<td>32986</td>
<td>12:45PM 02:10PM</td>
<td>MW</td>
<td>WEQ W7</td>
<td>Staff</td>
</tr>
</tbody>
</table>

### 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>Term</th>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVENING</td>
<td>32989</td>
<td>08:45AM 10:10AM</td>
<td>MW</td>
<td>ATEC 210</td>
<td>J Frewing</td>
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<td>32990</td>
<td>12:45PM 02:10PM</td>
<td>MW</td>
<td>ATEC 119</td>
<td>Staff</td>
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</tbody>
</table>

### 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.

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

MUC-1 PERFORM TECHNIQUES-STUDIO REC  2.00 UNITS
Introduction to practical performance techniques for the recording studio. Students will have the opportunity to plan and implement their own recording session utilizing techniques such as sound design, microphone technique, sound effects, mixing and production. This course is appropriate for vocalists, instrumentalists and future recording artists.

- PREREQUISITE: None.

33003 03:45PM 05:20PM  W  THTR 204  B Kerr
12:45PM 05:15PM  F  THTR 204  Last day to add: 02/24/12

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.

33006 12:45PM 03:15PM  MW  IT 106  B Kerr
Last day to add: 02/24/12

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.

33221 02:00PM 04:30PM  TTH  IT 106  D Valcarcel
Last day to add: 02/24/12

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.

33004 11:00AM 12:20PM  MWF  THTR 204  D Humble
Last day to add: 03/16/12

The above section has additional laboratory hours to be arranged.

MUC-11 STUDIO ARTS ENSEMBLE  2.00 UNITS
Designed for instrumentalists, vocalists and technical crew interested in the field of commercial music and entertainment. This ensemble is open to singers, guitarists, drummers, bassists, horn players, string players, pianists/keyboardists and/or technical crew members who work collaboratively to study, perform and/or record selected musical arrangements.

- PREREQUISITE: None.

33183 03:45PM 05:40PM  TTH  THTR 204  Staff
Last day to add: 03/15/12

The above section has additional laboratory hours to be arranged.

MUSIC

MUS-19 MUSIC APPRECIATION  3.00 UNITS
Study of musical style, form and materials, organized to acquaint the student with representative musical literature through listening, reading and writing.

- PREREQUISITE: None.

ONLINE
33008 33008 ON  LINE  D Humble
Last day to add: 02/24/12

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

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.

33217 12:45PM 02:10PM  MW  THTR 101  Staff
Last day to add: 02/24/12

MUS-37 CLASS GUITAR  1.00 UNITS
Fundamentals of guitar performance and basic musicianship.

- PREREQUISITE: None.

33016 08:00AM 10:50AM  F  THTR 204  R Scarano
Last day to add: 02/24/12

EVENING
33015 06:00PM 08:50PM  T  THTR 204  R Scarano
Last day to add: 02/24/12

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.

33219 TBA  D Humble
Last day to add: 02/24/12

MUS-89 MUSIC OF MULTICULTURAL AMERICA  3.00 UNITS
A comparative and integrative study of the multicultural musical styles of the United States.

- PREREQUISITE: None.

ONLINE
33218 33218 ON LINE  I Zubizarreta
Last day to add: 02/24/12

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

MUS-93 THE BUSINESS OF MUSIC  3.00 UNITS
An overview of the business side of performing, recording and publishing music.

- PREREQUISITE: None.

33220 12:45PM 02:10PM  MW  IT 109  V Mixson
Last day to add: 02/24/12

Get important textbook information, including ISBN numbers and pricing, and reserve for in-store pickup or delivery to your home!
www.norcollegebookstore.com
## PHILOSOPHY

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHI-10</td>
<td>INTRO TO PHILOSOPHY</td>
<td>3.00</td>
<td>Introduction to the major questions of Western philosophy and their answers.</td>
</tr>
<tr>
<td></td>
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<td>PREREQUISITE: None.</td>
</tr>
<tr>
<td>33020</td>
<td>04:15PM-05:40PM TTH</td>
<td>WEQ W7</td>
<td>C Gordon</td>
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<td>Last day to add: 02/24/12</td>
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### EVENING

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<th>Course</th>
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<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>33017</td>
<td></td>
<td>3.00</td>
<td>The above section is a web-enhanced class. Internet access may be required.</td>
</tr>
<tr>
<td>06:00PM-09:10PM M</td>
<td></td>
<td>ATEC 114</td>
<td>N Westbrook</td>
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<td></td>
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<td>Last day to add: 02/24/12</td>
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### WEEKEND

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<tbody>
<tr>
<td>33225</td>
<td></td>
<td>3.00</td>
<td>The above section is a short term class. Please note the start and end dates.</td>
</tr>
<tr>
<td>08:00AM-11:10AM S</td>
<td></td>
<td>IT 117</td>
<td>R Booher</td>
</tr>
<tr>
<td></td>
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<td>Last day to add: 02/24/12</td>
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### PHI-11 CRITICAL THINKING

<table>
<thead>
<tr>
<th>Title</th>
<th>Units</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>3.00</td>
<td>Introduction to critical thinking as it relates to everyday experience and general knowledge.</td>
</tr>
<tr>
<td></td>
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<td>PREREQUISITE: None.</td>
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</table>

### EVENING

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<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>33018</td>
<td></td>
<td>3.00</td>
<td>The above section is an online class. Computer with Internet access required. See <a href="http://www.opencampus.com">www.opencampus.com</a>.</td>
</tr>
<tr>
<td>06:00PM-09:10PM S</td>
<td></td>
<td>IT 117</td>
<td>S Crasnow</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Last day to add: 02/21/12</td>
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</table>

### PHI-12 ETHICS: CONTEMP MORAL ISSUES

<table>
<thead>
<tr>
<th>Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3.00</td>
<td>An examination of contemporary moral problems in light of ethical theory.</td>
</tr>
<tr>
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<td>PREREQUISITE: None.</td>
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</table>

### EVENING

<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
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<tbody>
<tr>
<td>33023</td>
<td></td>
<td>3.00</td>
<td>The above section is a web-enhanced class. Internet access may be required.</td>
</tr>
<tr>
<td>10:30AM-11:55AM MW</td>
<td></td>
<td>WEQ W7</td>
<td>S Crasnow</td>
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<td>Last day to add: 02/24/12</td>
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### PHI-15 BIO-MEDICAL ETHICS

<table>
<thead>
<tr>
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<th>Units</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>3.00</td>
<td>Introduction to the major ethical questions which affect medical research and the health care industry.</td>
</tr>
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<td>PREREQUISITE: None.</td>
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### EVENING

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<th>Course</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>33024</td>
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<td>3.00</td>
<td>The above section is a web-enhanced class. Internet access may be required.</td>
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<tr>
<td>06:00PM-07:25PM TTH</td>
<td></td>
<td>WEQ W7</td>
<td>C Gordon</td>
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<td>Last day to add: 02/24/12</td>
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## PHOTOGRAPHY

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<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHO-20</td>
<td>INTRO DIGITAL STILL PHOTO</td>
<td>3.00</td>
<td>Digital imaging processes. Explores digital image creation, retrieval, manipulation, printing and storage.</td>
</tr>
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<td>PREREQUISITE: None.</td>
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### EVENING

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>33026</td>
<td></td>
<td>3.00</td>
<td>The above section is a web-enhanced class. Internet access may be required.</td>
</tr>
<tr>
<td>09:00AM-03:25PM F</td>
<td></td>
<td>IT 127</td>
<td>B May</td>
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<td>Last day to add: 02/24/12</td>
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</table>

## PHYSICAL EDUCATION – See Kinesiology

### PHYSICAL SCIENCE

<table>
<thead>
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<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>PHS-1</td>
<td>INTRO PHYSICAL SCI</td>
<td>3.00</td>
<td>Descriptive survey of the physical sciences: astronomy, geology, physics, chemistry as they relate to daily living.</td>
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<td></td>
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<td>PREREQUISITE: None.</td>
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### EVENING

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<tr>
<td>09:40AM-11:05AM TTH</td>
<td></td>
<td>ST 207</td>
<td>D Johnson</td>
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<td>Last day to add: 02/24/12</td>
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### PHYSICS

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<tbody>
<tr>
<td>PHY-4A</td>
<td>MECHANICS</td>
<td>4.00</td>
<td>The study of the mathematical laws describing the effects of forces on bodies.</td>
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<td>PREREQUISITE: None.</td>
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### EVENING

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<th>Course</th>
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<th>Units</th>
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<tr>
<td>08:45AM-10:10AM MW</td>
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<td>ST 207</td>
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<td>Last day to add: 02/24/12</td>
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</tbody>
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## WARNING!

REGISTRATION WILL BE BLOCKED IF YOU HAVE NOT MET THE PREREQUISITE!
PHY-4B  ELEC MAGNETISM  4.00 UNITS
The study of mathematical law describing the electro- magnetic interactions between bodies.
- **PREREQUISITE:** PHY-4A.
- **COREQUISITE:** MAT-1B.

33032  10:30AM 11:55AM  MW  ST  207  P Tran  
01:00PM 04:10PM  M  ST  207  Last day to add: 02/24/12

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

PHY-10  INTRO GEN PHYSICS  3.00 UNITS
Introduces study of mechanics, matter, heat, sound light, electricity, magnetism and nuclear physics.
- **PREREQUISITE:** MAT-52.

**EVENING**
33029  06:00PM 07:25PM  MW  ST  207  P Tran  
Last day to add: 02/24/12

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**
33030  06:00PM 09:10PM  TH  ST  207  P Tran  
Last day to add: 02/24/12

POLITICAL SCIENCE

POL-1  AMERICAN POLITICS  3.00 UNITS
The principles, institutions, policies and critical issues in American politics.
- **PREREQUISITE:** None.
- **ADVISORY:** Qualification for ENG-1A.

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Last day to add</th>
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<tbody>
<tr>
<td>33037</td>
<td>08:00AM 09:25AM</td>
<td>TTH</td>
<td>WEQ W6</td>
<td>R Brown</td>
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<tr>
<td>33035</td>
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<td>ATEC 204</td>
<td>R Greene</td>
<td>02/24/12</td>
</tr>
<tr>
<td>33042</td>
<td>09:40AM 11:05AM</td>
<td>TTH</td>
<td>ATEC 204</td>
<td>D Makin</td>
<td>02/24/12</td>
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</table>

All sections of POL-1 below are hybrid classes Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Last day to add</th>
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<td>33036</td>
<td>10:30AM 11:55AM</td>
<td>M</td>
<td>ATEC 204</td>
<td>R Greene</td>
<td>02/24/12</td>
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<tr>
<td>33033</td>
<td>10:30AM 11:55AM</td>
<td>W</td>
<td>ATEC 204</td>
<td>R Greene</td>
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All sections of POL-1 below are web-enhanced classes Internet access may be required.

<table>
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<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
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<tr>
<td>33034</td>
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<td>TTH</td>
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<td>D Makin</td>
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<tr>
<td>33038</td>
<td>02:00PM 03:25PM</td>
<td>TTH</td>
<td>ATEC 204</td>
<td>M Omae</td>
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<tr>
<td>33046</td>
<td>04:15PM 05:40PM</td>
<td>MW</td>
<td>ATEC 204</td>
<td>R Greene</td>
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**EVENING**
33043  06:00PM 09:10PM  M  ATEC 204  I Cargile  
Last day to add: 02/24/12

33044  06:00PM 09:10PM  T  THTR 101  R Greene  
Last day to add: 02/24/12

All sections of POL-1 below are online classes Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

<table>
<thead>
<tr>
<th>Section</th>
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<td>33045</td>
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</tbody>
</table>

POL-11  POLITICAL THEORY  3.00 UNITS
Examines political ideas and thinkers from Socrates to the present and their application to contemporary issues and debates.
- **PREREQUISITE:** None.
- **ADVISORY:** Qualification for ENG-1A.

33205  04:15PM 05:40PM  TTH  ATEC 204  R Brown  
Last day to add: 02/24/12

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

PSYCHOLOGY

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Last day to add</th>
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<tbody>
<tr>
<td>33058</td>
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<td>F</td>
<td>ATEC 210</td>
<td>A Avila</td>
<td>02/24/12</td>
</tr>
<tr>
<td>33052</td>
<td>08:00AM 09:25AM</td>
<td>TTH</td>
<td>ATEC 210</td>
<td>J Zeeb</td>
<td>02/24/12</td>
</tr>
</tbody>
</table>

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

33051  08:45AM 10:10AM  MW  ATEC 205  K Norton  
Last day to add: 02/24/12

33049  10:30AM 11:55AM  M  WEQ W6  B Adams  
Last day to add: 02/24/12

The above section is a hybrid class. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

**PSY-33** THEORIES OF PERSONALITY 3.00 UNITS
A survey of the basic concepts and principles of the prevailing theories of personality and an assessment of how well they meet the standards of the scientific process.
- **PREREQUISITE:** None.

**EVENING**
33060 06:00PM 09:10PM T IT 117 W Radtke
Last day to add: 02/24/12

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

**EVENING**
33071 07:00AM 08:30AM TTH LIBR 110 M Sloniger
08:40AM 09:30AM TTH LIBR 110
Last day to add: 02/24/12
33070 10:00AM 11:30AM TTH LIBR 110 M Sloniger
11:40AM 12:30PM TTH LIBR 110
Last day to add: 02/24/12

**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.

**EVENING**
33074 07:15AM 08:45AM MW LIBR 110 M Sloniger
08:55AM 09:45AM MW LIBR 110
Last day to add: 02/24/12
33072 10:30AM 12:00PM MW LIBR 110 M Sloniger
12:10PM 01:00PM MW LIBR 110
Last day to add: 02/24/12
33073 05:00PM 06:30PM MW LIBR 110 D Eaves
06:40PM 07:30PM MW LIBR 110
Last day to add: 02/24/12

**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.

**EVENING**
33075 08:00AM 09:25AM TTH LIBR 108 M Adebayo-Ige
Last day to add: 02/24/12
33076 07:45PM 09:10PM MW LIBR 110 M Shefcik
Last day to add: 02/24/12
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.

All sections of RLE-80 are short term online classes Computer with
Internet access required. See 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.

ONLINE
33085  02/13/12 04/06/12 02/21/12
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.

SIMULATION & GAME DEVELOPMENT

Most Simulation & Game Development courses have an 18 hour
laboratory requirement to be arranged. Your instructor will have
details on the first day of class.

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.

EVENING
33192  06:00PM 09:10PM  TTH  IT  202  J Finley
The above section is a web-enhanced class. Internet access may be
required.

GAM-23  DIGITAL GAME DESIGN  3.00 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: None.

33187  09:40AM 11:00AM  TTH  IT  106  J Perry
The above section is a web-enhanced class. Internet access may be
required.

GAM-35  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.
(Same as CIS-35)
● PREREQUISITE: None.

All sections of GAM-35 below are web-enhanced classes
Internet access may be required.

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

All sections of RLE-81 are short term online classes Computer with
Internet access required. See 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.

All sections of RLE-82 are short term online classes Computer with
Internet access required. See www.opencampus.com. Please note
the start and end dates.

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

All sections of RLE-83 are short term online classes Computer with
Internet access required. See www.opencampus.com. Please note
the start and end dates.

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reserve for in-store pickup or delivery to your home!

www.norcocolegebookstore.com
GAM-37 BEGINNING GAME LEVEL DESIGN 3.00 UNITS
An introduction to level design. Students will design and create 3D computer games. No previous computer programming experience required. (Same as CIS-37)

- PREREQUISITE: None.

33161 08:45AM 11:55AM F IT 202 J Finley
 Last day to add: 02/24/12

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

GAM-38B SIM GAMING/3D ANIMATION 4.00 UNITS
Animate objects created with a 3D modeling program and then implement them in a real-time interactive simulation or video game. (Same as CIS-38B)

- PREREQUISITE: CIS/GAM-38A.

33163 02:00PM 05:00PM TTH IT 202 T Dunipace
 Last day to add: 02/24/12

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

GAM-38C SIM GAMING/DYNAMICS/RENDERING 4.00 UNITS
Create dramatic cinematic sequences based on 3D animations and incorporate them into a simulation or video game. (Same as CIS-38C)

- PREREQUISITE: CIS/GAM-38B.

33164 02:30PM 05:30PM MW IT 202 Staff
 Last day to add: 02/24/12

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

GAM-39 CURRENT TECHNIQUES IN GAME ART 4.00 UNITS
Introduction to the fundamental techniques, concepts, and vocabulary of advanced sculpting for game art, animation, concept art, and digital illustration. (Same as CIS-39)

- PREREQUISITE: None.
- ADVISORY: Ability to manipulate graphics including layers and textures with PhotoShop or concurrent enrollment in CIS-78A or ADM-71.

33197 09:40AM 11:05AM TTH IT 202 Staff
 11:15AM 12:40PM TTH IT 202
 Last day to add: 02/24/12

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

GAM-42 PHOTOSHOP FOR GAME ART 2.00 UNITS
Introduction to Adobe Photoshop including mastery of digital image editing and techniques for painting custom textures for game art and animation.

- PREREQUISITE: None.

33200 08:00AM 09:00AM TTH IT 202 Staff
 Last day to add: 02/24/12

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

GAM-44 PORTFOLIO PRODUCTION 3.00 UNITS
Creation and presentation of a professional portfolio including compositing, audio and video editing skills to present work in 3D modeling, animation or concept art. (Same as CIS-44)

- PREREQUISITES: CIS/GAM-38A, 38B and 38C.

33236 08:45AM 11:55AM F IT 106 Staff
 12:10PM 03:15PM F IT 106
 Last day to add: 02/24/12

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: CIS/GAM-38A and CIS-78A or GAM-42.

33196 12:45PM 02:10PM MW IT 202 Staff
 Last day to add: 02/24/12

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

NORCO COMPUTER LAB HOURS
Spring 2012 Learning Resource Center Hours

SOCIOLOGY

SOC-1 INTRO TO SOCIOLOGY 3.00 UNITS
An introduction to the basic concepts of societal organization.

- PREREQUISITE: None.

33088 07:10AM 08:35AM MW ATEC 114 K Andacheh
 Last day to add: 02/24/12

33090 08:00AM 09:25AM TTH ATEC 114 K Andacheh
 Last day to add: 02/24/12

33089 08:45AM 10:10AM MW WEO W7 K Andacheh
 Last day to add: 02/24/12

33095 09:40AM 11:05AM TTH ATEC 114 K Andacheh
 Last day to add: 02/24/12

33091 10:30AM 11:55AM MW IT 122 K Andacheh
 Last day to add: 02/24/12

33094 10:30AM 12:10PM F ATEC 210 R Halili
 Last day to add: 02/24/12

33093 04:15PM 05:40PM MW ATEC 205 E Kazsuk
 Last day to add: 02/24/12

33086 04:15PM 05:40PM TTH IT 101 M Ysais
 Last day to add: 02/24/12

EVENING

33087 06:00PM 09:10PM T IT 209 R Halili
 Last day to add: 02/24/12

33092 06:00PM 09:10PM TH IT 101 M Ysais
 Last day to add: 02/24/12
SOC-2 AMER SOCIAL PROB 3.00 UNITS
Identification and analysis of major contemporary social problems.
- PREREQUISITE: None.

33098 11:15AM 12:40PM TTH WEQ W4 K Andacheh
Last day to add: 02/24/12

SOC-10 RACE/ETHNIC RELATIONS 3.00 UNITS
An introduction to the theories, dynamics, history and present status of inter-group conflict in the United States.
- PREREQUISITE: None.

33096 02:00PM 03:25PM TTH WEQ W7 M Ysais
Last day to add: 02/24/12

SOC-12 MARRIAGE FAMILY REL 3.00 UNITS
Contemporary patterns in marriage and family relations.
- PREREQUISITE: None.

33102 09:00AM 12:10PM T LIBR 109 D Hitchcock
LIBR 121 Last day to add: 02/24/12

33103 11:45AM 02:55PM M LIBR 109 D Hitchcock
LIBR 121 Last day to add: 02/24/12

33106 02:00PM 04:55PM T LIBR 121 N Guillen
LIBR 109 Last day to add: 02/24/12

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

33097 06:00PM 09:10PM W THTR 101 E Kazsuk
Last day to add: 02/24/12

33107 11:45AM 02:40PM M LIBR 121 P Rivera
LIBR 109 Last day to add: 02/24/12

33108 06:00PM 09:10PM T LIBR 109 I Vejar
LIBR 121 Last day to add: 02/24/12

33226 02:00PM 03:25PM T LIBR 109 D Hitchcock
LIBR 121 Last day to add: 02/24/12

ENROLLMENT GUIDELINES: SPANISH COURSES
1. If you have taken Spanish in high school or in another college or university, you must have official transcripts on file and request evaluation of the course(s).
   Additionally, we highly recommend that you take the Spanish competency test so that an accurate determination of your skills can be made prior to registration.
2. If you have acquired knowledge of Spanish outside of a formal educational institution, you must file a matriculation appeals petition and take the Spanish competency test.

SPANISH
Do you need information on how to validate your prerequisite? Call the Prerequisite Hotline at 222-8808 (Chemistry and Foreign Languages only).

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.

33104 09:00AM 11:55AM TH LIBR 109 C Solorzano
LIBR 121 Last day to add: 02/24/12

33105 09:00AM 11:55AM TH LIBR 121 R Charcas-Salazar

33100 06:00PM 08:55PM T LIBR 121 D Hitchcock
LIBR 109 Last day to add: 02/24/12

33106 06:10PM 09:20PM M LIBR 121 C Solorzano
LIBR 109 Last day to add: 02/24/12

33107 06:10PM 09:05PM W LIBR 109 C Solorzano
LIBR 121 Last day to add: 02/24/12

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

33226 02:00PM 03:25PM T LIBR 109 D Hitchcock
LIBR 121 Last day to add: 02/24/12

SPEECH – See Communication Studies

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

All Spanish testing for Norco College students is by appointment only. Please visit our online appointment system at: https://esars.rcc.edu/Norco/Assessment/eSARS.asp

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

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

ENROLLMENT GUIDELINES: SPANISH COURSES
1. If you have taken Spanish in high school or in another college or university, you must have official transcripts on file and request evaluation of the course(s).
   Additionally, we highly recommend that you take the Spanish competency test so that an accurate determination of your skills can be made prior to registration.
2. If you have acquired knowledge of Spanish outside of a formal educational institution, you must file a matriculation appeals petition and take the Spanish competency test.

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www.norccollegebookstore.com
### SUPERVISED TUTORING

**ILA-800  SUPERVISED TUTORING-MAT  0.00 UNITS**  
Supervised tutoring, study skills development, and assistance in understanding college course assignments.  
- **PREREQUISITE:** None.  
- **COREQUISITE:** Must be enrolled in one other non-tutoring course.  
- **LIMITATION ON ENROLLMENT:** Student must have a referral from an instructor or counselor.  

ILA-800 courses are self-paced open-entry/open-exit classes that provide supervised tutoring, study skills development and assistance in understanding college course assignments. Students receive individualized tutoring and small group instruction outside of class-time to improve learning and study skills in specific subject matter. Students must have a referral from an instructor or counselor in order to enroll.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
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<th>Location</th>
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<tr>
<td>33110</td>
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<td>3.00</td>
<td>08:00AM 09:25AM</td>
<td>THTR 101</td>
<td>R Cowan</td>
<td>Last day to add: 02/24/12</td>
<td>02/13/12 04/06/12</td>
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<td>33113</td>
<td>ON LINE W Stevens</td>
<td>3.00</td>
<td>08:00AM 09:25AM</td>
<td>THTR 101</td>
<td>R Cowan</td>
<td>Last day to add: 02/21/12</td>
<td>02/13/12 04/06/12</td>
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<tr>
<td>33114</td>
<td>ON LINE W Stevens</td>
<td>3.00</td>
<td>08:00AM 09:25AM</td>
<td>THTR 101</td>
<td>R Cowan</td>
<td>Last day to add: 04/24/12</td>
<td>04/16/12 06/07/12</td>
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</table>

### SHORT-TERM CLASSES

#### 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.  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
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<tr>
<td>32624</td>
<td>ON LINE P Worsham</td>
<td>3.00</td>
<td>08:00AM 09:25AM</td>
<td>IT 206</td>
<td>P Worsham</td>
<td>Last day to add: 02/21/12</td>
<td>02/13/12 04/06/12</td>
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<tr>
<td>32625</td>
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<td>3.00</td>
<td>08:00AM 09:25AM</td>
<td>IT 206</td>
<td>P Worsham</td>
<td>Last day to add: 04/24/12</td>
<td>04/16/12 06/07/12</td>
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**ACC-1B  PRINCIPLES OF ACCOUNTING II  3.00 UNITS**  
A study of managerial accounting principles and information systems.  
- **PREREQUISITE:** ACC-1A.  

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<th>Course Code</th>
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<th>Location</th>
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<tr>
<td>32630</td>
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<td>08:00AM 09:25AM</td>
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<td>P Worsham</td>
<td>Last day to add: 04/23/12</td>
<td>04/16/12 06/07/12</td>
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</table>

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www.norcocolegebookstore.com
All sections of ACC-1B below are online classes that require an on-site proctored final exam. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

<table>
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<th>Course Code</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>ACC-38</td>
<td>MANAGERIAL ACCOUNTING</td>
<td>3.00</td>
<td>Conceptual and technical analysis of accounting information used by managers. Course for non-accounting majors.</td>
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<td>PREREQUISITE: ACC-1A.</td>
</tr>
<tr>
<td>ACC-63</td>
<td>INCOME TAX ACCTNG</td>
<td>3.00</td>
<td>Theory and method of preparation of federal income tax returns for individuals.</td>
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<td>PREREQUISITE: None.</td>
</tr>
<tr>
<td>ACC-65</td>
<td>COMPUTERIZED ACCOUNTING</td>
<td>3.00</td>
<td>Computerized accounting through the use of commercial software accounting packages.</td>
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<td>PREREQUISITE: ACC-1A.</td>
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<td>ADVISORY: CIS-1A.</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>
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<td>PREREQUISITE: None.</td>
</tr>
</tbody>
</table>

**BUSINESS ADMINISTRATION**

All sections of BUS-10 below are online classes. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>BUS-20</td>
<td>BUSINESS MATH</td>
<td>3.00</td>
<td>Review of basic math and its application to business, percentages, pricing, depreciation and inventory.</td>
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<td></td>
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<td>PREREQUISITE: None.</td>
</tr>
</tbody>
</table>

All sections of BUS-20 below are online classes. Computer with Internet access required. See [www.opencampus.com](http://www.opencampus.com).

<table>
<thead>
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<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
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<tbody>
<tr>
<td>BUS-70</td>
<td>INTRO ORGANIZATION DEVELOPMENT</td>
<td>3.00</td>
<td>Introduction to techniques for improving organizational effectiveness through process improvement and development of people.</td>
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<td>BUS-80</td>
<td>PRINCIPLES OF LOGISTICS</td>
<td>3.00</td>
<td>Introduction to the field of logistics and the methods for improving product distribution effectiveness.</td>
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<td>BUS-86</td>
<td>TRANSPORTATION/TRAFFIC MGMT</td>
<td>3.00</td>
<td>A study of the domestic freight transportation system, including pricing, regulation and traffic management.</td>
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**COMMUNICATION STUDIES**

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<td>COM-1</td>
<td>PUBLIC SPEAKING</td>
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<td>Prepare, present and evaluate a variety of speeches.</td>
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<td>ADVISORY: COM-51 and/or qualification for ENG-1A.</td>
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Get important textbook information, including ISBN numbers and pricing, and reserve for in-store pickup or delivery to your home! [www.norcocollegebookstore.com](http://www.norcocollegebookstore.com)
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.

33154  08:45AM 10:10AM  MTWTH  IT  211  M Lewis
02/13/12 04/05/12  Last day to add: 02/20/12

33156  08:45AM 10:10AM  MTWTH  IT  211  M Lewis
04/16/12 06/07/12  Last day to add: 04/22/12

COM-12 INTERCULTURAL COMMUNICATION  3.00 UNITS
Explores the diverse communication components across cultures.
- PREREQUISITE: None.
- ADVISORY: COM-51 and/or qualification for ENG-1A.

33233  ON LINE  A Olaerts
04/16/12 06/07/12  Last day to add: 04/24/12
The above section is an online class. Computer with Internet access required. See www.opencampus.com.

COMPUTER INFORMATION SYSTEMS

Most Computer Information Systems courses have an 18 hour laboratory requirement to be arranged. Your instructor will have details on the first day of class.

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

32733  09:40AM 11:00AM  TTH  ATEC 118  C Brotherton
02/14/12 04/05/12  Last day to add: 02/20/12
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

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.

33178  09:40AM 11:00AM  TTH  ATEC 118  C Brotherton
04/17/12 06/07/12  Last day to add: 04/23/12
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

CONSTRUCTION TECHNOLOGY

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

32745  06:30PM 10:05PM  M  IT  123  J Thomas
02/13/12 04/02/12  Last day to add: 02/24/12

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

32746  06:30PM 10:05PM  M  IT  123  J Thomas
04/16/12 06/04/12  Last day to add: 04/20/12

ENGLISH

All sections of ENG-1A, ENG-60A and ENG-60B have a 1-hour per week laboratory requirement to be arranged on the Norco College campus. Your instructor will have details the first day of class.

ENG-1A  ENGLISH COMPOSITION  4.00 UNITS
Teaches college-level critical reading, academic writing, and research skills.
- PREREQUISITE: ENG-50 or qualifying placement level.

32797  02:00PM 03:10PM  T  IT  111  M Bader
04/16/12 06/04/12  Last day to add: 04/21/12
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

32803  02:00PM 03:10PM  T  IT  111  M Bader
02/13/12 04/02/12  Last day to add: 02/18/12
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

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.

32842  10:30AM 12:35PM  MTWTH  IT  111  D Mills
02/13/12 04/05/12  Last day to add: 02/20/12

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.

32850  10:30AM 12:35PM  MTWTH  IT  111  D Mills
04/16/12 06/07/12  Last day to add: 04/22/12

ENG-885  WRITING CLINIC  0.00 UNITS
A self-paced, open-entry/open-exit, Writing and Reading Center-based modular course designed for those who need concentrated attention in various areas of grammar, punctuation, and composition.
- PREREQUISITE: None.

All sections of ENG-885 below are part of an accelerated learning cohort that prepares students for college-level writing, reading and critical thinking. Upon successful completion of this cohort, students will qualify to enroll in ENG-1A in the fall semester. Students must enroll in all three classes concurrently. For additional information, please call 951-739-7817.

33211  08:00AM 10:05AM  MWF  WEG W4  A Elizalde
02/13/12 03/16/12  Last day to add: 03/16/12

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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.

33267 11:20AM 12:10PM TTH IT 121 R Chacon
02/13/12 04/05/12 Last day to add: 02/20/12
The above section is designed for students in the Puente Program. Please see the Puente counselor before enrolling.

HUMANITIES

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

32900 ON LINE B Pavlis
02/13/12 04/06/12 Last day to add: 02/21/12
The above section is an online class. Computer with Internet access required. See www.opencampus.com.

LIBRARY

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

33239 03:00PM 03:50PM TH IT 127 V Harris
02/16/12 04/05/12 Last day to add: 02/20/12
The above section is a hybrid class. Computer with Internet access required. See www.opencampus.com.

MANAGEMENT

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

32916 06:00PM 09:10PM W IT 117 G Zwart
02/15/12 05/30/12 Last day to add: 02/26/12
The above section is a hybrid class that meets alternating Wednesdays beginning 02/15/12. Computer with Internet access required. See www.opencampus.com.

32915 ON LINE G Zwart
04/16/12 06/07/12 Last day to add: 04/24/12
The above section is an online class. Computer with Internet access required. See www.opencampus.com.

MAG-70 INTRO ORGANIZATION DEVELOPMENT 3.00 UNITS
Introduction to techniques for improving organizational effectiveness through process improvement and development of people.
(Same as BUS-70)
  - PREREQUISITE: None.
  - ADVISORY: MAG-44.

33299 ON LINE G Zwart
02/13/12 04/06/12 Last day to add: 02/21/12
The above section is an online class. Computer with Internet access required. See www.opencampus.com.

PHILOSOPHY

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

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.

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.
All sections of RLE-82 below are online classes Computer with Internet access required. See www.opencampus.com.

33081  ON LINE  T Wagner
02/13/12 04/06/12
Last day to add: 02/21/12

33082  ON LINE  T Wagner
04/16/12 06/07/12
Last day to add: 04/24/12

RLE-83  REAL ESTATE FINANCE  3.00 UNITS
Analysis of real estate finance in residential, apartment, commercial and special purpose properties.
● PREREQUISITE: None.
All sections of RLE-83 below are online classes Computer with Internet access required. See www.opencampus.com.

33083  ON LINE  T Wagner
02/13/12 04/06/12
Last day to add: 02/21/12

33084  ON LINE  T Wagner
04/16/12 06/07/12
Last day to add: 04/24/12

RLE-85  REAL ESTATE ECON  3.00 UNITS
Examples of trends and factors affecting real estate values, fluctuations, cycles and market trends.
● PREREQUISITE: None.
33085  ON LINE  C MacKenzie
02/13/12 04/06/12
Last day to add: 02/21/12
The above section is an online class. Computer with Internet access required. See www.opencampus.com.

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.
All sections of THE-3 below are online classes Computer with Internet access required. See www.opencampus.com.

33113  ON LINE  W Stevens
02/13/12 04/06/12
Last day to add: 02/21/12

33114  ON LINE  W Stevens
04/16/12 06/07/12
Last day to add: 04/24/12
IGETC is a guide to choosing your classes that can save you time and money – an even better guide is a Norco College counselor who will work with you to develop an education plan. Your personalized plan will include general education course choices and the courses you’ll need to prepare for your major at your chosen university. In some cases, you can use one course to count for two requirements, saving you time and money.

### IGETC = Intersegmental General Education Transfer Curriculum

**SPRING 2012**

IGETC is a guide to choosing your classes that can save you time and money – an even better guide is a Norco College counselor who will work with you to develop an education plan. Your personalized plan will include general education course choices and the courses you’ll need to prepare for your major at your chosen university. In some cases, you can use one course to count for two requirements, saving you time and money.

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<th>AREA 3</th>
<th>AREA 4</th>
<th>AREA 5</th>
<th>AREA 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Communication</td>
<td>Mathematical Concepts and Quantitative Reasoning</td>
<td>Arts and Humanities</td>
<td>Social and Behavioral Sciences</td>
<td>Physical and Biological Sciences</td>
<td>Language Other Than English</td>
</tr>
</tbody>
</table>
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 (5:30PM and later) and Saturday and Sunday classes will be held at the time and place of the regular class meeting on the following dates:

<table>
<thead>
<tr>
<th>Friday</th>
<th>Saturday</th>
<th>Sunday</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 1</td>
<td>June 2</td>
<td>June 3</td>
</tr>
<tr>
<td>Monday</td>
<td>Tuesday</td>
<td>Wednesday</td>
</tr>
</tbody>
</table>

  **Classes meeting two nights per week shall meet both nights and use the second meeting for the final exam.**

- 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 of full semester weekday classes. 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><strong>FridayJune 1</strong></td>
<td>F 07:00-10:10</td>
<td>F 10:30-01:40</td>
<td>F 01:10-05:25</td>
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<td>F 07:10-11:25</td>
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<td></td>
<td>F 08:45-01:00</td>
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<td>F 07:00-01:35</td>
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<td></td>
<td>F 08:00-02:35</td>
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<td></td>
</tr>
<tr>
<td><strong>MondayJune 4</strong></td>
<td>MW 07:10-08:35</td>
<td>MW 10:30-11:55</td>
<td>MW 02:30-03:55</td>
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<tr>
<td></td>
<td>MW 08:15-10:20</td>
<td>MW 10:30-12:35</td>
<td>MW 02:00-04:05</td>
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<td></td>
<td>MW 08:00-10:05</td>
<td>MW 10:30-01:00</td>
<td>MW 02:30-05:00</td>
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<tr>
<td></td>
<td>MW 07:30-09:45</td>
<td>MW 11:15-01:45</td>
<td>MWF 02:30-03:20 (03:40)</td>
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<tr>
<td></td>
<td>MW 08:30-09:00</td>
<td>MW 10:30-11:20 (11:40)</td>
<td>MWF 02:30-03:40 (03:55)</td>
</tr>
<tr>
<td></td>
<td>MWF 07:20-08:10 (08:30)</td>
<td>MW 10:30-11:45 (11:55)</td>
<td>MWF 02:30-4:05</td>
</tr>
<tr>
<td></td>
<td>MWF 07:10-08:20 (08:35)</td>
<td>MW 10:30-12:05</td>
<td>MWF 02:00-4:05</td>
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<td></td>
<td>MWF 07:00-08:35</td>
<td>MW 10:30-12:35</td>
<td>MTWTh 02:30-03:40</td>
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<td></td>
<td>MWF 08:00-10:05</td>
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<td>MTWTh 02:30-03:55</td>
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<td>MWF 08:15-10:20</td>
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<td>MTWTh 07:20-08:30</td>
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<td>MTWTh 07:10-08:35</td>
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<tr>
<td><strong>TuesdayJune 5</strong></td>
<td>TTh 07:00-09:05</td>
<td>TTh 09:30-12:40</td>
<td>TTh 02:00-03:25</td>
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<td></td>
<td>TTh 07:00-09:30</td>
<td>TTh 09:40-12:10</td>
<td>TTh 02:00-05:10</td>
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<td>TTh 07:20-09:25</td>
<td>TTh 10:00-12:30</td>
<td>TTh 02:00-04:05</td>
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<td></td>
<td>TTh 08:00-09:25</td>
<td>TTh 10:30-12:35</td>
<td>TTh 03:15-05:45</td>
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<td></td>
<td>TTh 08:15-10:20</td>
<td>TTh 11:15-12:40</td>
<td>MTW 02:00-04:05</td>
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<td>MTW 07:00-09:05</td>
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<td>MTWTh 02:00-03:10</td>
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<td>MTW 07:20-09:25</td>
<td></td>
<td>MTWTh 02:00-03:25</td>
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<td></td>
<td>MTWTh 08:15-09:25</td>
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<td><strong>Start 08:00AM – End 10:30AM</strong></td>
<td><strong>Start 11:00AM – End 01:30PM</strong></td>
<td><strong>Start 03:00PM – End 05:30PM</strong></td>
</tr>
<tr>
<td><strong>WednesdayJune 6</strong></td>
<td>MW 08:45-10:10</td>
<td>MW 12:45-02:10</td>
<td>MW 03:00-05:30</td>
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<tr>
<td></td>
<td>MWF 08:45-09:35 (09:55)</td>
<td>MW 12:45-02:50</td>
<td>MW 04:15-05:40</td>
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<tr>
<td></td>
<td>MWF 08:45-09:55 (10:10)</td>
<td>MW 12:45-01:55 (02:10)</td>
<td>MW 03:00-05:05</td>
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<tr>
<td></td>
<td>MW 08:45-10:20</td>
<td>MW 01:00-01:50 (02:10)</td>
<td>MW 04:15-06:20</td>
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<td></td>
<td>MTW 09:40-11:45</td>
<td>MWF 12:45-02:20</td>
<td>MWF 04:20-05:10 (05:30)</td>
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<td></td>
<td>MTWTh 08:45-09:55</td>
<td>MWF 12:45-02:50</td>
<td>MWF 04:15-05:25 (05:40)</td>
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<td></td>
<td>MTWTh 08:45-10:10</td>
<td>MTWTh 12:40-01:50</td>
<td>MWF 04:15-05:50</td>
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<td>MTW 04:15-06:20</td>
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<tr>
<td><strong>ThursdayJune 7</strong></td>
<td>TTh 09:40-11:05</td>
<td>MTWTh 10:30-11:40</td>
<td>TTh 04:15-05:40</td>
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<td>TTh 09:40-11:45</td>
<td>MTWTh 10:30-11:55</td>
<td>TTh 04:15-06:20</td>
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<td>MTWTh 04:15-05:40</td>
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<td></td>
<td>MTWTh 04:20-05:30</td>
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</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.**
Norco College
2001 Third Street
Riverside Community College District
Norco, CA 92860-2600
271x115
B Science & Technology - (ST)
271x95
C Theater - (THTR)
271x86
D Humanities - (HUM)
271x67
E College Safety and Police
271x57
G Wilfred J. Airey Library - (LIBR)
271x37
H Head Start
271x38
I Bookstore
271x105
J Early Childhood Education Center - (ECEN)
271x105
K Center for Applied and Competitive Technologies (CACT)
271x95
L West End Quad - (WEQ)
271x85
M1 Facilities
271x76
N Applied Technology - (ATEC)
271x57
P JFK Middle College High School - (JFK)
271x47
Q Industrial Technology (IT)
271x47
R Sports Complex
274x37
S Student Services - (SSV)
The Corral (Cafeteria and Dining Room)
The Corral (Cafeteria and Dining Room)
The Corral (Cafeteria and Dining Room)
Norco, CA 92860-2600
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The Corral (Cafeteria and Dining Room)
The Corral (Cafeteria and Dining Room)
(STEM)

STEM Center
(Science, Technology, Engineering and Math Center)
Open to all science, technology, engineering and math students to provide information and support leading to university transfer and careers in STEM fields.

Riverside City College
Martin Luther King Building, Rm 222
Tutoring by Faculty and STEM Mentors
Monday - Thursday:
8:00am - 7:00pm
Friday:
8:00am - 3:00pm

951/222-8598

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Ask a certifying official to determine priority registration eligibility
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admissions & records, first floor student services building
monday: 7:30am - 6:00pm
tuesday - thursday: 7:30am - 5:00pm
friday, saturday & sunday: closed

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