Fall Semester
AUGUST 29 - DECEMBER 15, 2016

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For important information regarding fees, payment deadlines, financial aid and registration please refer to our Information Pages. Para información en español, por favor refiérase a la sección 17-25 de nuestra Páginas de Información.
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Start Date</th>
<th>Last Day to Add</th>
<th>Description</th>
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</thead>
</table>
| ACC-1A     | PRINCIPLES OF ACCOUNTING I                       | 3     | 8/31/16    | 10/19/16        | An introduction to accounting principles and procedures. Special emphasis on basic bookkeeping and accounting principles for students who are non-accounting majors. Emphasis is on recording transactions, preparing financial statements and completing the accounting cycle. | 37130 09:40AM 11:05AM IT Rm 117 P. Worsham  
             |                                                  |       |            |                 | Hybr Tues, Thur  
             |                                                  |       |            |                 | TBA TBA  
             |                                                  |       |            |                 | TBA TBA  
             |                                                  |       |            |                 | Online                                                                                     |
| ACC-1B     | PRINCIPLES OF ACCOUNTING II                      | 3     | 10/24/16   | 12/15/16        | A study of managerial accounting principles and information systems.                                                                                                                                            | 37138 09:40AM 11:05AM IT Rm 117 P. Worsham  
             |                                                  |       |            |                 | Hybr Tues, Thur  
             |                                                  |       |            |                 | TBA TBA  
             |                                                  |       |            |                 | TBA TBA  
             |                                                  |       |            |                 | Online                                                                                     |
| ACC-1A     | PRINCIPLES OF ACCOUNTING I                       | 3     | 8/30/16    | 12/15/16        | An introduction to accounting principles and procedures. Special emphasis on basic bookkeeping and accounting principles for students who are non-accounting majors. Emphasis is on recording transactions, preparing financial statements and completing the accounting cycle. | 37131 06:00PM 09:10PM JFK Rm 116 Y. Kirkpatrick  
             |                                                  |       |            |                 | Hybr Wed  
             |                                                  |       |            |                 | TBA TBA  
             |                                                  |       |            |                 | TBA TBA  
             |                                                  |       |            |                 | Online                                                                                     |
| ACC-1B     | PRINCIPLES OF ACCOUNTING II                      | 3     | 10/24/16   | 12/15/16        | A study of managerial accounting principles and information systems.                                                                                                                                            | 37135 06:00PM 09:10PM JFK Rm 116 Y. Kirkpatrick  
             |                                                  |       |            |                 | Hybr Wed  
             |                                                  |       |            |                 | TBA TBA  
             |                                                  |       |            |                 | TBA TBA  
             |                                                  |       |            |                 | Online                                                                                     |
| ACC-55     | APPLIED ACCOUNTING/BOOKKEEPING                   | 3     | 8/29/16    | 12/14/16        | An introduction to basic bookkeeping and accounting principles for students who are non-accounting majors. Emphasis is on recording transactions, preparing financial statements and completing the accounting cycle. | 37139 08:45AM 10:10AM STEM Rm 302 M. Snow  
             |                                                  |       |            |                 | Web Enh Lect Mon, Wed                                                                                                                                     |
| ACC-67     | U.S. & CALIFORNIA INCOME TAX PREP                | 4     | 10/24/16   | 12/15/16        | A CTEC-approved course which provides 45 hours of federal credit, 15 hours of California state credit and 2 hours of ethics (included in the 15 hours of state credit) towards the qualifying education requirement for tax preparers. | 37941 05:30PM 09:45PM JFK Rm 119 J. Muir  
             |                                                  |       |            |                 | Hybr Wed  
             |                                                  |       |            |                 | TBA TBA  
             |                                                  |       |            |                 | TBA TBA  
             |                                                  |       |            |                 | Online                                                                                     |
| ADJ-1      | INTRODUCTION ADMINISTRATION OF JUSTICE           | 3     | 8/29/16    | 12/14/16        | The history and philosophy of administration of justice in America.                                                                                                                                           | 37142 02:30PM 03:55PM STEM Rm 115 E. Ramirez  
<pre><code>         |                                                  |       |            |                 | Web Enh Lect Mon, Wed                                                                                                                                     |
</code></pre>
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<th>Start Date to End Date</th>
<th>Last Day to Add:</th>
<th>Description</th>
<th>PREREQUISITE:</th>
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</thead>
<tbody>
<tr>
<td>ADJ-13</td>
<td>CRIMINAL INVESTIGATION</td>
<td>3</td>
<td>8/30/16 to 12/15/16</td>
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<td>Fundamentals of investigation; crime scene search and recording, interviews and interrogation. (Same as JUS-13)</td>
<td>None</td>
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<tr>
<td>ADJ-2</td>
<td>PRINCIPLES OF JUSTICE SYSTEM</td>
<td>3</td>
<td>8/30/16 to 12/15/16</td>
<td></td>
<td>An examination of due process in criminal proceedings. (Same as JUS-2)</td>
<td>None</td>
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<tr>
<td>ADJ-4</td>
<td>LEGAL ASPECTS OF EVIDENCE</td>
<td>3</td>
<td>8/30/16 to 12/15/16</td>
<td></td>
<td>Origin, development, philosophy, and Constitutional-based evidence. (Same as JUS-4)</td>
<td>None</td>
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<tr>
<td>ADJ-5</td>
<td>COMMUNITY RELATIONS</td>
<td>3</td>
<td>8/30/16 to 12/13/16</td>
<td>Last Day to Add: 11/18/16</td>
<td>Principal emphasis will be placed upon examining the relationship between diverse communities and the justice system. (Same as JUS-5)</td>
<td>None</td>
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</tbody>
</table>

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<thead>
<tr>
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<th>PREREQUISITE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMY-10</td>
<td>SURVEY HUMAN ANAT/PHYSIO</td>
<td>3</td>
<td>8/29/16 to 12/14/16</td>
<td>Last Day to Add: 11/18/16</td>
<td>For Allied Health majors: a survey of the structure and function of human cells, tissues and systems. PREREQUISITE: None.</td>
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<tr>
<td>AMY-2A</td>
<td>ANATOMY AND PHYSIOLOGY I</td>
<td>4</td>
<td>8/29/16 to 12/15/16</td>
<td>Last Day to Add: 11/18/16</td>
<td>An integrated study of body organization and terminology, cells and tissues, skeletal and muscular systems, and eye and ear. PREREQUISITE: BIO-1 or 1H.</td>
<td>None</td>
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<tr>
<td>AMY-2A</td>
<td>ANATOMY AND PHYSIOLOGY I</td>
<td>4</td>
<td>8/29/16 to 12/15/16</td>
<td>Last Day to Add: 11/18/16</td>
<td>An integrated study of body organization and terminology, cells and tissues, skeletal and muscular systems, and eye and ear. PREREQUISITE: BIO-1 or 1H.</td>
<td>None</td>
</tr>
</tbody>
</table>
AMY-2A ANATOMY AND PHYSIOLOGY I 4 UNITS
8/29/16 to 12/15/16
An integrated study of body organization and terminology, cells and tissues, skeletal and muscular systems, and eye and ear. PREREQUISITE: BIO-1 or 1H.

37149 11:30AM 12:20PM IT Rm 101 P. Campo
Web Enh Lect Tues
11:30AM 12:35PM IT Rm 101
Web Enh Lect Thur
08:00AM 11:10AM ST Rm 207
Web Enh Lab Tues, Thur

ANT-1 PHYSICAL ANTHROPOLOGY 3 UNITS
8/30/16 to 12/15/16
Last Day to Add: 11/18/16
Examination of human biological evolution and physical diversity, incorporating genetics, primates, fossils, and relationship to the animal world. PREREQUISITE: None.

37152 11:15AM 12:40PM HUM Rm 111 TBA
Web Enh Lect Tues, Thur

AMY-2B ANATOMY & PHYSIO II 4 UNITS
8/29/16 to 12/15/16
Last Day to Add: 11/18/16
An integrated study of these systems: nervous, endocrine, cardiovascular, respiratory, urinary, digestive and reproductive organ systems. PREREQUISITE: AMY-2A.

37150 05:15PM 06:05PM ST Rm 207 R. Allen
Web Enh Lect Tues
05:15PM 06:20PM ST Rm 207
Web Enh Lect Thur
06:30PM 09:40PM ST Rm 211
Lab Tues, Thu

ANT-1 PHYSICAL ANTHROPOLOGY 3 UNITS
9/2/16 to 12/9/16
Last Day to Add: 11/4/16
Examination of human biological evolution and physical diversity, incorporating genetics, primates, fossils, and relationship to the animal world. PREREQUISITE: None.

37154 07:00AM 11:05AM HUM Rm 111 D. Cheetham
Web Enh Lect Fri

ANT-1 PHYSICAL ANTHROPOLOGY 3 UNITS
8/29/16 to 12/14/16
Last Day to Add: 11/18/16
Examination of human biological evolution and physical diversity, incorporating genetics, primates, fossils, and relationship to the animal world. PREREQUISITE: None.

37155 04:15PM 05:40PM HUM Rm 111 A. Tripp
Web Enh Lect Mon, Wed

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www.norcocollagebooksstore.com
<p>| Course Code | Course Title                  | Units | Time Period          | Last Day to Add | Description                                                                 | Prerequisite | Timeslot          | Location       | Instructor      |
|-------------|-------------------------------|-------|----------------------|-----------------|------------------------------------------------------------------------------|--------------|------------------|----------------|----------------|----------------|
| ANT-1       | PHYSICAL ANTHROPOLOGY         | 3     | 8/29/16 to 12/14/16  |                 | Examination of human biological evolution and physical diversity, incorporating genetics, primates, fossils, and relationship to the animal world. | None         | 02:00PM - 03:25PM | HUM Rm 111     | TBA            |
| ANT-1H      | HONORS PHYSICAL ANTHROPOLOGY  | 3     | 8/29/16 to 12/14/16  |                 | An honors class that examines human biological evolution and physical diversity, incorporating genetics, primates, fossils, and relationship to the animal world. | None         | 12:45PM - 02:10PM | STEM Rm 125    | A. Gray        |
| ANT-2       | CULTURAL ANTHRO              | 3     | 8/29/16 to 12/14/16  |                 | An introduction to the anthropological concept of culture and to the methods and theories used in the comparative analysis of cultures. | None         | 10:30AM - 11:55AM | HUM Rm 111     | TBA            |
| ANT-2       | CULTURAL ANTHRO              | 3     | 8/30/16 to 12/15/16  |                 | An introduction to the anthropological concept of culture and to the methods and theories used in the comparative analysis of cultures. | None         | 09:40AM - 11:05AM | HUM Rm 111     | TBA            |
| ANT-2       | CULTURAL ANTHRO              | 3     | 8/30/16 to 12/15/16  |                 | An introduction to the anthropological concept of culture and to the methods and theories used in the comparative analysis of cultures. | None         | 04:15PM - 05:40PM | HUM Rm 111     | A. Mejia        |
| ANT-4       | NATIVE AMERICAN CULTURES      | 3     | 8/29/16 to 12/12/16  |                 | A survey of Native American cultures and peoples of North America.            | None         | 06:00PM - 09:10PM | HUM Rm 111     | C. Goralski     |</p>
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Start Date</th>
<th>End Date</th>
<th>Last Day to Add</th>
<th>Description</th>
<th>Instructor(s)</th>
<th>Days and Times</th>
<th>Locations</th>
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</thead>
<tbody>
<tr>
<td>ANT-6</td>
<td>INTRODUCTION TO ARCHAEOLOGY</td>
<td>3</td>
<td>8/29/16</td>
<td>12/14/16</td>
<td>Last Day to Add: 11/18/16</td>
<td>Examination of the goals, concepts, discoveries, and methods of modern archaeology as they are used to reconstruct and interpret ancient societies. PREREQUISITE: None.</td>
<td>TBA</td>
<td>12:45PM 02:10PM HUM Rm 111</td>
<td>TBA</td>
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<td>ANT-7</td>
<td>ANTHROPOLOGY OF RELIGION</td>
<td>3</td>
<td>8/29/16</td>
<td>12/14/16</td>
<td>Last Day to Add: 11/18/16</td>
<td>Anthropological study of religion in world cultures, focusing on beliefs, ritual, mythology, and the role of religion in traditional societies. PREREQUISITE: None.</td>
<td>A. Gray</td>
<td>02:30PM 03:55PM HUM Rm 111</td>
<td>A. Gray</td>
</tr>
<tr>
<td>ANT-8</td>
<td>LANGUAGE AND CULTURE</td>
<td>3</td>
<td>8/31/16</td>
<td>12/14/16</td>
<td>Last Day to Add: 11/18/16</td>
<td>An introduction to the anthropological study of language and communication in world cultures. PREREQUISITE: None.</td>
<td>O. Lancaster</td>
<td>06:00PM 09:10PM HUM Rm 111</td>
<td>O. Lancaster</td>
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<tr>
<td>ARE-24</td>
<td>ARCHITECTURAL DRAFTING</td>
<td>3</td>
<td>8/29/16</td>
<td>12/15/16</td>
<td>Last Day to Add: 11/18/16</td>
<td>Introduction to architectural drafting techniques with emphasis on line quality, lettering, dimensioning, scaling, notes. PREREQUISITE: ENE-21 and 30.</td>
<td>C. Bohigian</td>
<td>06:00PM 07:25PM IT Rm 127</td>
<td>IT Rm 127</td>
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<td>07:35PM 09:40PM IT Rm 127</td>
<td>Lab Rm 127</td>
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<td>06:00PM 09:10PM IT Rm 127</td>
<td>Lab Rm 127</td>
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<tr>
<td>ARE-36</td>
<td>HIST ARCH RENAISSANCE-MODERN</td>
<td>3</td>
<td>9/1/16</td>
<td>12/15/16</td>
<td>9/1/16 to 12/15/16</td>
<td>Purposes and types of buildings from Renaissance to present day. Emphasis on processes and sources of design. PREREQUISITE: None.</td>
<td>TBA</td>
<td>06:00PM 09:10PM ATEC Rm 109</td>
<td>TBA</td>
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<tr>
<td>ART-1</td>
<td>HIST ART: ANCIENT/MED</td>
<td>3</td>
<td>8/29/16</td>
<td>12/12/16</td>
<td>8/3/16 to 12/14/16</td>
<td>Survey of the history of Western art: Prehistoric through the Medieval periods. PREREQUISITE: †None. ADVISORY: Qualification for ENG-1A.</td>
<td>C. Goux</td>
<td>06:00PM 09:10PM WEQ Rm W7</td>
<td>C. Goux</td>
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<tr>
<td>ART-17</td>
<td>BEGINNING DRAWING</td>
<td>3</td>
<td>8/29/16</td>
<td>12/15/16</td>
<td>8/29/16 to 12/15/16</td>
<td>Introduction to drawing in a variety of media. Exploration of the elements of art, composition, perspective, including development of observational, motor and creative skills. PREREQUISITE: None.</td>
<td>M. Lindeman</td>
<td>02:00PM 02:50PM ATEC Rm 209</td>
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<td>02:00PM 03:05PM ATEC Rm 209</td>
<td>Web Enh Lect Tue</td>
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<td></td>
<td>03:05PM 05:10PM ATEC Rm 209</td>
<td>Web Enh Lect Thu</td>
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<td>Web Enh Lab Tue, Thur</td>
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</tbody>
</table>
ART-17  BEGINNING DRAWING 3 UNITS  
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
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.
37169  08:00AM 08:50AM ATEC Rm 209 Q. Bemiller
     Web Enh Lect Mon
     08:00AM 09:05AM ATEC Rm 209
     Web Enh Lect Wed
     09:05AM 11:10AM ATEC Rm 209
     Web Enh Lab Mon, Wed

ART-17  BEGINNING DRAWING 3 UNITS  
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
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.
37170  02:40PM 03:30PM ATEC Rm 209 K. Frost
     Web Enh Lect Mon
     02:40PM 03:45PM ATEC Rm 209
     Web Enh Lect Wed
     03:45PM 05:50PM ATEC Rm 209

ART-2  HIST ART: RENAISS/CONTEMP 3 UNITS  
8/30/16 to 12/15/16  Last Day to Add: 11/18/16
Survey of the history of Western art: Renaissance through Contemporary. PREREQUISITE: None. ADVISORY: Qualification for ENG-1A.
37173  08:00AM 09:25AM WEQ Rm W5 TBA
     Web Enh Lect Tues, Thur
     Web Enh Lab Mon, Wed

ART-20  BEGINNING SCULPTURE 3 UNITS  
8/29/16 to 12/15/16
Introduction to the fundamentals of sculptural design and creation, using a variety of methods and materials. A materials fee of $15 will be charged at the time of registration. PREREQUISITE: None.
37835  06:00PM 06:50PM ATEC Rm 209 TBA
     Web Enh Lect Mon
     06:00PM 07:05PM ATEC Rm 209
     Web Enh Lect Wed
     07:05PM 09:10PM ATEC Rm 209
     Web Enh Lab Tues, Thur

ART-22  BASIC DESIGN 3 UNITS  
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
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.
37174  09:40AM 10:30AM ATEC Rm 209 Q. Bemiller
     Web Enh Lect Tues
     09:40AM 10:45AM ATEC Rm 209
     Web Enh Lect Thur
     10:45AM 12:50PM ATEC Rm 209
     Web Enh Lab Tues, Thur

ART-24  THREE DIMENSIONAL DESIGN 3 UNITS  
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Introduction to the fundamentals of three-dimensional design. A materials fee of $15 will be charged at the time of registration. PREREQUISITE: None.
37175  06:00PM 06:50PM ATEC Rm 209 M. Lindeman
     Web Enh Lect Tues
     06:00PM 07:05PM ATEC Rm 209
     Web Enh Lect Thur
     07:05PM 09:10PM ATEC Rm 209
     Web Enh Lab Tues, Thur

ART-26  BEGINNING PAINTING 3 UNITS  
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Introduction to painting (oil or acrylic); technique, process, perception, color theory, composition, and creativity. PREREQUISITE: ART-17.
37176  11:20AM 12:10PM ATEC Rm 209 Q. Bemiller
     Web Enh Lect Mon
     11:20AM 12:25PM ATEC Rm 209
     Web Enh Lect Wed
     12:25PM 02:30PM ATEC Rm 209
     Web Enh Lab Mon, Wed

ART-27  INTERMEDIATE PAINTING 3 UNITS  
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Intermediate painting (oil or acrylic); various techniques, process, perception, color theory, composition, and creativity. PREREQUISITE: ART-23 or 26.
37177  11:20AM 12:10PM ATEC Rm 209 Q. Bemiller
     Web Enh Lect Mon
     11:20AM 12:25PM ATEC Rm 209
     Web Enh Lect Wed
     12:25PM 02:30PM ATEC Rm 209
     Web Enh Lab Mon, Wed

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ART-40A FIGURE DRAWING-INTRODUCTION 3 UNITS
8/29/16 to 12/14/16  Last Day to Add: 11/18/16
Introduction to drawing the human figure from a nude model. A variety of materials will be used. PREREQUISITE: ART-17.
37179 08:00AM 10:30AM   ATEC Rm 209   B. May
        10:40AM 03:55PM   ATEC Rm 209
        Web Enh Lab Fri

ART-6 ART APPRECIATION 3 UNITS
8/29/16 to 12/14/16  Last Day to Add: 11/18/16
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.
37180 12:45PM 02:10PM   WEQ Rm W6   B. May
        Web Enh Lect Mon, Wed

BIO-1 GENERAL BIOLOGY 4 UNITS
8/29/16 to 12/14/16  Last Day to Add: 11/18/16
A study of life as revealed in biological systems using cellular, organismal and ecological approaches. The basic principles of cellular biology, biochemistry, genetics, evolution, ecology and the social implications of biology. PREREQUISITE: None.
37185 11:15AM 12:40PM   ST Rm 203   B. Moore
        Web Enh Lect Tues, Thur
        09:30AM 12:40PM   IT Rm 128
        Web Enh Lab Fri

BIO-1 GENERAL BIOLOGY 4 UNITS
8/29/16 to 12/14/16  Last Day to Add: 11/18/16
A study of life as revealed in biological systems using cellular, organismal and ecological approaches. The basic principles of cellular biology, biochemistry, genetics, evolution, ecology and the social implications of biology. PREREQUISITE: None.
37186 11:15AM 12:40PM   THTR Rm 101   T. Friedrich Finnern
        Web Enh Lect Tues, Thur
        02:00PM 05:10PM   IT Rm 128
        Web Enh Lab Tues

ART-6 ART APPRECIATION 3 UNITS
8/30/16 to 12/13/16  Last Day to Add: 11/18/16
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.
37842 06:00PM 09:10PM   JFK Rm 114   TBA
        Web Enh Lect Tues

BIO-1 GENERAL BIOLOGY 4 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
A study of life as revealed in biological systems using cellular, organismal and ecological approaches. The basic principles of cellular biology, biochemistry, genetics, evolution, ecology and the social implications of biology. PREREQUISITE: None.
37187 06:00PM 07:25PM   STEM Rm 201   TBA
        Web Enh Lect Mon, Wed
        06:00PM 09:10PM   IT Rm 128
        Web Enh Lab Tues

BIO-1 GENERAL BIOLOGY 4 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
A study of life as revealed in biological systems using cellular, organismal and ecological approaches. The basic principles of cellular biology, biochemistry, genetics, evolution, ecology and the social implications of biology. PREREQUISITE: None.
37188 08:00AM 09:25AM   IT Rm 101   M. Gutierrez
        Web Enh Lect Tues, Thur
        09:40AM 12:50PM   IT Rm 128
        Web Enh Lab Thur

BIO-1 GENERAL BIOLOGY 4 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
A study of life as revealed in biological systems using cellular, organismal and ecological approaches. The basic principles of cellular biology, biochemistry, genetics, evolution, ecology and the social implications of biology. PREREQUISITE: None.
<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Dates</th>
<th>Last Day to Add:</th>
<th>Prerequisites/Advisory Notes</th>
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<td>BIO-1</td>
<td>GENERAL BIOLOGY</td>
<td>4</td>
<td>8/29/16 to 12/15/16</td>
<td>11/18/16</td>
<td>A study of life as revealed in biological systems using cellular, organismal and ecological approaches. The basic principles of cellular biology, biochemistry, genetics, evolution, ecology and the social implications of biology. PREREQUISITE: None.</td>
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<td>GENERAL BIOLOGY</td>
<td>4</td>
<td>8/29/16 to 12/15/16</td>
<td>11/18/16</td>
<td>A study of life as revealed in biological systems using cellular, organismal and ecological approaches. The basic principles of cellular biology, biochemistry, genetics, evolution, ecology and the social implications of biology. PREREQUISITE: None.</td>
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<tr>
<td>BIO-11</td>
<td>INTRO MOLEC &amp; CELL BIOLOGY</td>
<td>5</td>
<td>8/29/16 to 12/15/16</td>
<td>11/18/16</td>
<td>An intensive course for Life Science majors studying the principles of biochemistry, metabolism, homeostasis, cells, genetics, cell communication, development, evolution and diversity at the cellular level. PREREQUISITE: CHE-1A or 1AH. ADVISORY: MAT-35 AND ENG-50 or 80 or qualifying placement level.</td>
</tr>
<tr>
<td>BIO-34</td>
<td>HUMAN GENETICS</td>
<td>3</td>
<td>8/30/16 to 12/15/16</td>
<td>11/18/16</td>
<td>A comprehensive survey of human genetics with an emphasis on the role of genetics and environment on cells, individuals, family and human populations. Discussions on human genetic disorders and the social implications of modern human genetics will be included. †PREREQUISITE: None. †ADVISORY: High school biology or any college life science course with laboratory.</td>
</tr>
<tr>
<td>BIO-36</td>
<td>ENVIRONMENTAL SCIENCE</td>
<td>3</td>
<td>8/30/16 to 12/15/16</td>
<td>11/18/16</td>
<td>A study of human populations, food resources, nutrient cycles and energy flow, pollution, and solutions to environmental problems of the world. PREREQUISITE: None.</td>
</tr>
<tr>
<td>BIO-8</td>
<td>PRINCIPLES OF ECOLOGY</td>
<td>4</td>
<td>8/29/16 to 12/15/16</td>
<td></td>
<td>A study of basic ecological relationships between organisms and their environment. †This course may require field trips. PREREQUISITE: None.</td>
</tr>
</tbody>
</table>

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**BUS-10**  INTRO TO BUSINESS  
3 UNITS  
8/30/16 to 12/15/16  
Last Day to Add: 11/18/16  
Considers scope, function and organization of business, including principles and practices, with an integrated global perspective.  
PREREQUISITE: None.  
37197  08:45AM 10:10AM  ATEC Rm 119  A. Martin  
Web Enh Lect Mon, Wed  

**BUS-11**  OPPORTUNITY ANALYSIS FOR ENTREPRENEURS  
2 UNITS  
8/30/16 to 12/13/16  
Last Day to Add: 11/18/16  
Examines the process of transforming ideas into business opportunities. PREREQUISITE: †None.  
37204  06:30PM 08:35PM  JFK Rm 118  A. Martin  
Lect Tues  

**BUS-12**  OPPORTUNITY ANALYSIS FOR ENTREPRENEURS  
2 UNITS  
8/30/16 to 12/13/16  
Last Day to Add: 11/18/16  
Examines the process of transforming ideas into business opportunities. PREREQUISITE: †None.  
37204  06:30PM 08:35PM  JFK Rm 118  A. Martin  
Lect Tues  

**BUS-13**  DEVELOP SUCCESSFUL BUSINESS PLAN/MODEL  
2 UNITS  
9/1/16 to 12/15/16  
Last Day to Add: 11/18/16  
Provides a systematic process for developing a business plan/model. PREREQUISITE: None.  
37205  06:30PM 08:35PM  JFK Rm 118  T. Johnson  
Lect Thur  

**BUS-18A**  BUSINESS LAW I  
3 UNITS  
8/30/16 to 10/18/16  
Last Day to Add: 10/4/16  
Legal and ethical environment of business torts, contracts, sales and principles of employment. PREREQUISITE: None.  
37207  06:30PM 09:40PM  JFK Rm 102  T. Wagner  
Hybr Tues  
TBA TBA  
TBA TBA  
Online  

**BUS-18A**  BUSINESS LAW I  
3 UNITS  
8/29/16 to 12/12/16  
Last Day to Add: 11/18/16  
Legal and ethical environment of business torts, contracts, sales and principles of employment. PREREQUISITE: None.  
37208  06:30PM 09:40PM  JFK Rm 117  TBA  
Web Enh Lect Mon
BUS-18B  BUSINESS LAW II  3 UNITS  
8/29/16 to 12/15/16  Last Day to Add: 11/18/16  
Commercial paper, business organizations, government regulations, protection of property rights and international law. PREREQUISITE: None.  
37210  06:30PM 09:40PM  JFK Rm 102  T. Wagner  
Hybr Tues  
TBA TBA  TBA TBA  
Online  

BUS-20  BUSINESS MATH  3 UNITS  
8/29/16 to 12/15/16  Last Day to Add: 11/18/16  
Introduces math based approaches to solving common business problems. Includes the areas of business statistics, pricing, payroll, taxes, interest, personal finance, and business finance. PREREQUISITE: None.  
37212  06:00PM 07:25PM  IT Rm 109  R. Beck  
Hybr Thur  
TBA TBA  TBA TBA  
Online  

BUS-22  MGMT COMMUNICATIONS  3 UNITS  
8/29/16 to 12/14/16  Last Day to Add: 11/18/16  
Examines the dynamics of organizational communication including interpersonal, verbal, nonverbal and written. PREREQUISITE: None. ADVISORY: CAT-30.  
37217  10:30AM 11:55AM  IT Rm 208  V. Mixson  
Web Enh Lect Mon, Wed  

BUS-24  BUSINESS COMMUNICATION  3 UNITS  
8/30/16 to 12/15/16  
This course applies the principles of ethical and effective communication to the creation of letters, memos, emails and written and oral reports for a variety of business situations.  
1PREREQUISITE: ENG-1A OR 1AH.  
37901  11:15AM 12:40PM  IT Rm 125  P. Seariac  
Web Enh Lect Tues, Thur  

BUS-47  APPLIED BUSINESS, MANAGEMENT ETHICS  3 UNITS  
9/1/16 to 12/15/16  Last Day to Add: 11/18/16  
An examination of ethical concerns including corporate, personal, global, environmental, public related issues ethics audits, and corporate social responsibility. (Same as MAG-47) PREREQUISITE: None.  
37219  06:30PM 09:40PM  IT Rm 111  A. Riker  
Web Enh Lect Thur  

BUS-80  PRINCIPLES OF LOGISTICS  3 UNITS  
8/29/16 to 12/15/16  Last Day to Add: 11/18/16  
Introduction to the field of logistics and the methods for improving product distribution effectiveness. PREREQUISITE: None.  
37221  06:00PM 07:25PM  IT Rm 109  R. Beck  
Hybr Tues  
TBA TBA  TBA TBA  
Online  

BUS-82  FREIGHT CLAIMS  1.5 UNITS  
10/26/16 to 12/14/16  Last Day to Add: 11/30/16  
Review of the techniques for avoiding losses in transit and of the preparation, filing and resolution of freight claims. PREREQUISITE: None.  
37223  06:30PM 09:40PM  IT Rm 210  C. Pentis  
Web Enh Lect Wed  

BUS-83  CONTRACTS  1.5 UNITS  
8/31/16 to 10/19/16  Last Day to Add: 10/5/16  
An analysis of considerations involved in the drafting and negotiation of freight and logistics contracts. PREREQUISITE: None.  
37224  06:30PM 09:40PM  JFK Rm 119  C. Pentis  
Web Enh Lect Wed  

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<th>End Date</th>
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<th>Description</th>
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<td>CAT-93</td>
<td>COMPUTERS FOR BEGINNERS</td>
<td>5</td>
<td>8/29/16</td>
<td>12/15/16</td>
<td></td>
<td>An introduction to personal computers for the beginning student. (Same as CIS-93) PREREQUISITE: None.</td>
<td>B. Fuller</td>
<td>IT</td>
<td>10:15AM - 11:40AM</td>
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<tr>
<td>CHE-1A</td>
<td>GENERAL CHEMISTRY I</td>
<td>5</td>
<td>8/29/16</td>
<td>12/15/16</td>
<td></td>
<td>Simple chemical systems-gas laws, weight relations, thermodynamics, atomic structure and bonding. PREREQUISITE: CHE-2A or 3 and MAT-35.</td>
<td>M. Farnum</td>
<td>HUM</td>
<td>02:30PM - 03:55PM</td>
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<tr>
<td>CHE-1B</td>
<td>GENERAL CHEMISTRY II</td>
<td>5</td>
<td>8/29/16</td>
<td>12/15/16</td>
<td></td>
<td>Sequent to CHE-1A: reaction rates, equilibrium, acid-base, thermodynamics, electrochemistry, nuclear, inorganic and organic chemistry. PREREQUISITE: CHE-1A or 1AH.</td>
<td>TBA</td>
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<td>GENERAL CHEMISTRY I</td>
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<td>8/29/16</td>
<td>12/15/16</td>
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<td>Simple chemical systems-gas laws, weight relations, thermodynamics, atomic structure and bonding. PREREQUISITE: CHE-2A or 3 and MAT-35.</td>
<td>A. Esposito</td>
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<td>ORGANIC CHEMISTRY I</td>
<td>5</td>
<td>8/29/16</td>
<td>12/15/16</td>
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<td>Structure and reactivity of the compounds of carbon for pre-professional programs and science majors. PREREQUISITE: CHE-1B or 1BH.</td>
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<td>CHE-2A</td>
<td>INTRO CHEMISTRY I</td>
<td>4</td>
<td>8/29/16</td>
<td>12/15/16</td>
<td></td>
<td>Introductory chemical concepts with health and environmental applications; fulfills the needs of non-science majors. PREREQUISITE: MAT-52.</td>
<td>W. Cui</td>
<td>IT</td>
<td>06:00PM - 09:10PM</td>
<td>Tues, Thur</td>
<td>Rm 117W</td>
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### CHE-2A  INTRO CHEMISTRY I  4 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Introductory chemical concepts with health and environmental applications; fulfills the needs of non-science majors.
PREREQUISITE: MAT-52.

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<th>Course Code</th>
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### CHE-2A  INTRO CHEMISTRY I  4 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Introductory chemical concepts with health and environmental applications; fulfills the needs of non-science majors.
PREREQUISITE: MAT-52.

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### CHE-2A  INTRO CHEMISTRY I  4 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Introductory chemical concepts with health and environmental applications; fulfills the needs of non-science majors.
PREREQUISITE: MAT-52.

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### CIS-17A  PROG CONCEPTS & METHODOLOGY II: C++  3 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Object-Oriented program development using C++. (Same as CSC-17A) PREREQUISITE: CIS/CSC-5.

<table>
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<td>03:45PM 05:10PM</td>
<td>STEM Rm 302</td>
<td>A. Rainey</td>
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### CIS-17B  C++ PRGM: ADVANCED OBJECTS  3 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
This is an advanced programming course in C++ suitable for complex Business, and Gaming applications. (Same as CSC-17B) PREREQUISITE: None. ADVISORY: CIS/CSC-17A.

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CIS-18A  JAVA PROGRAMMING: OBJECTS  3 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
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: CSC/CIS-5.
37242  06:00PM 09:10PM  IT Rm 106  J. Oconnor
         Web Enh Lect Thur
         09:10PM 10:00PM  IT Rm 106
         Web Enh Lab Thur

CIS-18C  JAVA PROGRAMMING: DATA STRUCTURES  3 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
This course presents the essential principles of data structures for the development of computer programs using Java. (Same as CSC-18C)
PREREQUISITE: None. ADVISORY: CIS/CSC-18A.
37243  05:30PM 08:40PM  ATEC Rm 118  C. Andersen
         Web Enh Lect Tues
         08:50PM 08:40PM  ATEC Rm 118
         Web Enh Lab Tues

CIS-1A  INTRO TO COMP INFO SYS  3 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
An introduction to computer concepts and theory, information systems, and computer applications. The development of computer based solutions to business problems using word processors, spreadsheets, databases, presentation graphics, and the Internet.
PREREQUISITE: None.
37244  04:00PM 05:25PM  ATEC Rm 109  M. Chapman
         Web Enh Lect Mon, Wed
         05:35PM 06:25PM  LIBR Rm LRC
         Web Enh Lab Mon

CIS-1A  INTRO TO COMP INFO SYS  3 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
An introduction to computer concepts and theory, information systems, and computer applications. The development of computer based solutions to business problems using word processors, spreadsheets, databases, presentation graphics, and the Internet.
PREREQUISITE: None.
37246  09:40AM 11:05AM  ATEC Rm 118  B. Steffel
         Web Enh Lect Tues, Thur
         11:15AM 12:05PM  ATEC Rm 118
         Web Enh Lab Thur

CIS-1A  INTRO TO COMP INFO SYS  3 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
An introduction to computer concepts and theory, information systems, and computer applications. The development of computer based solutions to business problems using word processors, spreadsheets, databases, presentation graphics, and the Internet.
PREREQUISITE: None.
37248  06:00PM 09:10PM  ATEC Rm 118  W. Ibekwe
         Web Enh Lect Wed
         09:10PM 10:00PM  ATEC Rm 118
         Web Enh Lab Wed

CIS-1A  INTRO TO COMP INFO SYS  3 UNITS
9/2/16 to 12/9/16  Last Day to Add: 11/4/16
An introduction to computer concepts and theory, information systems, and computer applications. The development of computer based solutions to business problems using word processors, spreadsheets, databases, presentation graphics, and the Internet.
PREREQUISITE: None.
37250  08:45AM 12:50PM  ATEC Rm 118  B. Fuller
         Web Enh Lect Fri
         01:00PM 02:10PM  ATEC Rm 118
         Web Enh Lab Fri

CIS-5  PROGRAMMING CONCEPTS & METHODOLOGY I C++  4 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Introduction to computer science for gaming, business, scientific and mathematical applications using C++. (Same as CSC-5)
PREREQUISITE: None. ADVISORY: CIS-1A.
37254  02:00PM 03:25PM  ATEC Rm 118  TBA
         Web Enh Lect Tues, Thur
         03:35PM 05:00PM  ATEC Rm 118
         Web Enh Lab Tues, Thur

CIS-5  PROGRAMMING CONCEPTS & METHODOLOGY I C++  4 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Introduction to computer science for gaming, business, scientific and mathematical applications using C++. (Same as CSC-5)
PREREQUISITE: None. ADVISORY: CIS-1A.
37255  06:30PM 07:55PM  IT Rm 106  M. Chapman
         Web Enh Lect Mon, Wed
         08:05PM 09:30PM  IT Rm 106
         Web Enh Lab Mon, Wed

Get important textbook information, including ISBN numbers and pricing, and reserve for in-store pickup or delivery to your home! www.norcocolegebooksstore.com
CIS-59  TYPOGRAPHY AND GRAPHIC DESIGN  3 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Use of typography and layout for high impact visual communication for print, web and other media. (Same as ADM-62) PREREQUISITE: †None.
37933  08:00AM 10:30AM  ATEC Rm 109  B. Steffel
Web Enh Lect Fri
10:40AM 03:55PM  ATEC Rm 109
Web Enh Lab Fri

CIS-66  WEB DEVELOPMENT I  3 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
An introduction to the web technologies and languages. †This course provides in-depth understanding of the roles of markup and scripting languages to display text and multimedia content for basic web pages. PREREQUISITE: †None.
37257  03:00PM 04:50PM  IT Rm 127  J. Oconnor
Web Enh Lect Tues
03:00PM 04:00PM  IT Rm 127
Web Enh Lect Thur
04:10PM 05:00PM  IT Rm 127

CIS-78A INTRO ADOBE PHOTOSHOP  3 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Introduction to Adobe Photoshop including selections, layers, masks, channels and vector art for manipulating images. (Same as CAT-78A) PREREQUISITE: None.
37259  08:00AM 09:25AM  IT Rm 127  C. Brotherton
Web Enh Lect Tues, Thur
09:35AM 10:25AM  IT Rm 127
Web Enh Lab Thur

CIS-81  INTRO ADOBE INDESIGN  3 UNITS
8/29/16 to 12/15/16
Page design and layout techniques using Adobe InDesign. (Same as CAT-81) PREREQUISITE: None.
37935  10:35AM 12:00PM  IT Rm 127  C. Brotherton
Web Enh Lect Tues, Thur
12:00PM 12:50PM  IT Rm 127
Web Enh Lab Thur

CIS-93  COMPUTERS FOR BEGINNERS  3 UNITS
8/29/16 to 12/15/16
An introduction to personal computers for the beginning student. (Same as CAT-93) PREREQUISITE: None.
37932  10:15AM 11:40AM  IT Rm 106  B. Fuller
Web Enh Lect Tues, Thur
11:50AM 12:40PM  IT Rm 106
Web Enh Lab Tues

COM-1 PUBLIC SPEAKING  3 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Prepare, present and evaluate a variety of speeches. PREREQUISITE: None. ADVISORY: COM-51 and/or qualification for ENG-1A.
37263  04:15PM 05:40PM  IT Rm 210  J. Muto
Hybr Thur
TBA TBA  TBA TBA
Online

COM-1 PUBLIC SPEAKING  3 UNITS
8/29/16 to 12/12/16  Last Day to Add: 11/18/16
Prepare, present and evaluate a variety of speeches. PREREQUISITE: None. ADVISORY: COM-51 and/or qualification for ENG-1A.
37264  06:00PM 09:10PM  IT Rm 210  N. Aceves
Web Enh Lect Mon

COM-1 PUBLIC SPEAKING  3 UNITS
8/30/16 to 12/15/16  Last Day to Add: 11/18/16
Prepare, present and evaluate a variety of speeches. PREREQUISITE: None. ADVISORY: COM-51 and/or qualification for ENG-1A.
37265  08:00AM 09:25AM  IT Rm 210  A. Olaerts
Lect Tues, Thur
<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Start Date</th>
<th>End Date</th>
<th>Last Day to Add</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<tr>
<td>COM-1</td>
<td>PUBLIC SPEAKING</td>
<td>3</td>
<td>9/3/16</td>
<td>10/16/16</td>
<td>11/12/16</td>
<td>10:30AM</td>
<td>WEQ Rm W4</td>
<td>M. Lewis</td>
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<td>9/3/16</td>
<td>10/16/16</td>
<td>11/12/16</td>
<td>08:00AM</td>
<td>IT Rm 211B</td>
<td>A. Olaerts</td>
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<td>8/29/16</td>
<td>12/14/16</td>
<td>11/18/16</td>
<td>11:15AM</td>
<td>IT Rm 109</td>
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<td>8/30/16</td>
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<td>IT Rm 210</td>
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<td>8/30/16</td>
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<td>11/18/16</td>
<td>04:15PM</td>
<td>CACT Rm 1</td>
<td>S. Cruz-Pobocik</td>
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<td>8/30/16</td>
<td>12/13/16</td>
<td>11/18/16</td>
<td>06:30PM</td>
<td>IT Rm 111B</td>
<td>B. Rihan</td>
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</table>

Prerequisites: None. Advisory: COM-51 and/or qualification for ENG-1A.
COM-1  PUBLIC SPEAKING  3 UNITS  
8/30/16 to 12/15/16  Last Day to Add: 11/18/16  
Prepare, present and evaluate a variety of speeches.  
PREREQUISITE: None. ADVISORY: COM-51 and/or qualification for ENG-1A.  
37871  08:45AM 10:10AM IT Rm 123  M. Lewis  
Lect Mon, Wed

COM-6  DYNAMICS OF SMALL GROUP COMMUNICATION  3 UNITS  
8/29/16 to 12/14/16  
Prepares students for effective, ethical participation and leadership in small groups and teams. Develops student’s competence and confidence as a group member and leader. PREREQUISITE: None. ADVISORY: COM-51 and/or qualification for ENG-1A.  
37867  12:45PM 02:10PM IT Rm 109  R. Stinson  
Web Enh Lect Mon, Wed

COM-11  STORYTELLING  3 UNITS  
8/30/16 to 12/15/16  Last Day to Add: 11/18/16  
Students learn the role and history of storytelling and select, prepare, and present stories from a variety of genres and cultures. PREREQUISITE: †None. ADVISORY: COM-51 and/or qualification for ENG-1A.  
37272  11:15AM 12:40PM ATEC Rm 210  M. Lewis  
Lect Tues, Thur

COM-9  INTERPERSONAL COMMUNICATION  3 UNITS  
8/29/16 to 12/14/16  Last Day to Add: 11/18/16  
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.  
37276  04:15PM 05:40PM IT Rm 211  R. Stinson  
Web Enh Lect Mon, Wed

COM-3  ARGUMENTATION AND DEBATE  3 UNITS  
8/30/16 to 12/15/16  Last Day to Add: 11/18/16  
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.  
37277  04:15PM 05:40PM IT Rm 123  D. Romo  
Lect Tues, Thur

COM-9  INTERPERSONAL COMMUNICATION  3 UNITS  
8/29/16 to 12/14/16  Last Day to Add: 11/18/16  
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.  
37278  04:15PM 05:40PM IT Rm 211  R. Stinson  
Web Enh Lect Mon, Wed
COM-9 INTERPERSONAL COMMUNICATION 3 UNITS
9/1/16 to 12/15/16 Last Day to Add: 11/18/16
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.
37282 06:30PM 09:40PM IT Rm 211 G. Stinson
Web Enh Lect Wed

COM-9 INTERPERSONAL COMMUNICATION 3 UNITS
9/1/16 to 12/15/16 Last Day to Add: 11/18/16
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.
37283 06:30PM 09:40PM IT Rm 210 K. Dhalwal
Web Enh Lect Thur

COM-9 INTERPERSONAL COMMUNICATION 3 UNITS
8/30/16 to 12/15/16 Last Day to Add: 11/18/16
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.
37284 09:40AM 11:05AM WEQ Rm W5 M. Lewis
Lect Tues, Thur

COM-9 INTERPERSONAL COMMUNICATION 3 UNITS
8/30/16 to 12/15/16 Last Day to Add: 11/18/16
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.
37286 08:00AM 09:25AM IT Rm 110 M. Lewis
Lect Tues, Thur

COM-9H HONORS INTERPERSONAL COMMUNICATION 3 UNITS
8/30/16 to 12/13/16
Offers students in the Honors Program the opportunity to analyze the dynamics, components and ethics of the two-person communication process in relationships in the context of the world-at-large.
PREREQUISITE: None. ADVISORY: COM-51 and/or qualification for ENG-1A. LIMITATION ON ENROLLMENT: Enrollment in the Honors Program.
37866 02:30PM 05:40PM IT Rm 210 J. Muto
Web Enh Lect Tues

CON-61 MATERIALS OF CONSTR 3 UNITS
8/30/16 to 12/13/16 Last Day to Add: 11/18/16
Introduction to properties and use of materials commonly used in the construction of buildings. PREREQUISITE: None.
37288 06:30PM 09:40PM IT Rm 123 P. Link
Lect Tues

CON-62 BLUEPRINT READING 3 UNITS
8/29/16 to 12/12/16 Last Day to Add: 11/18/16
Overview of the basic concepts of reading construction blueprints. PREREQUISITE: None.
37289 06:00PM 09:10PM IT Rm 122 R. Skaggs
Lect Mon
CON-63A  UNIFORM BLDG CODE/ORDIN  3 UNITS
9/1/16 to 12/15/16  Last Day to Add: 11/18/16
Use of uniform building code in plan checking for compliance.
PREREQUISITE: None.
37290  06:00PM 09:10PM  IT Rm 123  J. Thomas
Lect Thu

CON-63B  ANALYSIS OF REVISIONS-UBC  3 UNITS
9/1/16 to 12/15/16  Last Day to Add: 11/18/16
This course is for students who have successfully completed CON-63A but need refreshing on code revisions. PREREQUISITE: CON-63A.
37291  06:00PM 09:10PM  IT Rm 123  J. Thomas
Lect Thu

CON-63C  ANALYSIS OF REVISIONS-UBC  3 UNITS
9/1/16 to 12/15/16  Last Day to Add: 11/18/16
This course is for students who have successfully completed CON-63A but need refreshing on code revisions. PREREQUISITE: CON-63A.
37292  06:00PM 09:10PM  IT Rm 123  J. Thomas
Lect Thu

CON-63D  ANALYSIS OF REVISIONS-UBC  3 UNITS
9/1/16 to 12/15/16  Last Day to Add: 11/18/16
This course is for students who have successfully completed CON-63A but need refreshing on code revisions. PREREQUISITE: CON-63A.
37293  06:00PM 09:10PM  IT Rm 123  J. Thomas
Lect Thu

CON-65  PLUMBING CODE  3 UNITS
9/1/16 to 12/15/16  Last Day to Add: 11/18/16
Review of plumbing codes and regulations relating to construction.
PREREQUISITE: None.
37294  06:00PM 09:10PM  IT Rm 122  T. Kearns
Lect Thu

CON-66  NATIONAL ELEC CODE  3 UNITS
8/29/16 to 12/12/16  Last Day to Add: 11/18/16
Review of electrical codes and code requirements. PREREQUISITE: None.
37295  06:00PM 09:10PM  IT Rm 123  J. Thomas
Lect Mon

CON-66  NATIONAL ELEC CODE  3 UNITS
11/7/16 to 12/9/16
Review of electrical codes and code requirements. PREREQUISITE: None.
37911  12:45PM 02:55PM  CACT Rm 1  TBA
Lect Mon, Tues, Wed, Thur, Fri

CON-68  BLDG INSPECTORS ENGR  3 UNITS
8/31/16 to 12/14/16  Last Day to Add: 11/18/16
Fundamental static and stress calculations. Properties of sections.
PREREQUISITE: None.
37296  06:30PM 09:40PM  IT Rm 123  J. Thomas
Lect Wed
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<th>Course Code</th>
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<th>Class Details</th>
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<tr>
<td>CON-70</td>
<td>SOIL TECH FUNDAMENTALS</td>
<td>3</td>
<td>8/31/16 to 12/14/16</td>
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<td>37297 06:30PM 09:40PM IT Rm 122 Lect Tues J. Thomas</td>
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<td>CON-74</td>
<td>CONSTRUCTION ESTIMATING</td>
<td>3</td>
<td>8/31/16 to 12/14/16</td>
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<td>37909 06:30PM 09:40PM IT Rm 122 Lect Wed D. Leyva</td>
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<tr>
<td>CSC-11</td>
<td>COMPUTER ARCHITECTURE AND ORG.: ASSEMBLY</td>
<td>3</td>
<td>8/29/16 to 12/15/16</td>
<td>11/18/16</td>
<td>37298 06:00PM 09:10PM ATEC Rm 118 Web Enh Lect Thur 09:10PM 10:00PM ATEC Rm 118 Web Enh Lab Thur A. Rainey</td>
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<td>DAN-6</td>
<td>DANCE APPRECIATION</td>
<td>3</td>
<td>9/2/16 to 12/9/16</td>
<td>11/4/16</td>
<td>37300 10:30AM 02:35PM ATEC Rm 114 Web Enh Lect Fri E. Goe</td>
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<td>EAR-19</td>
<td>OBSERVATION &amp; ASSESSMENT-ECE</td>
<td>3</td>
<td>8/30/16 to 12/13/16</td>
<td>11/18/16</td>
<td>37301 09:30AM 12:40PM IT Rm 209 Lect Tues S. Burnett</td>
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<td>EAR-20</td>
<td>CHILD GROWTH AND DEVELOPMENT</td>
<td>3</td>
<td>8/29/16 to 12/14/16</td>
<td>11/18/16</td>
<td>37302 06:00PM 09:10PM IT Rm 209 Lect Wed A. Calloway</td>
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<td>EAR-20</td>
<td>CHILD GROWTH AND DEVELOPMENT</td>
<td>3</td>
<td>8/29/16 to 12/14/16</td>
<td>11/18/16</td>
<td>37303 08:45AM 10:10AM IT Rm 209 Web Enh Lect Mon, Wed S. Burnett</td>
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<td>EAR-20</td>
<td>CHILD GROWTH AND DEVELOPMENT</td>
<td>3</td>
<td>8/29/16 to 12/14/16</td>
<td>11/18/16</td>
<td>37304 08:00AM 09:25AM IT Rm 209 Web Enh Lect Tues, Thur E. Edwards</td>
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</table>
**EAR-24**  **INTRODUCTION TO CURRICULUM**  3 UNITS  
8/29/16 to 12/12/16  Last Day to Add: 11/18/16  
An overview of knowledge and skills related to providing appropriate curriculum and environments for young children from birth to age 6.  
PREREQUISITE: None.  
37306  10:30AM 01:40PM  IT Rm 209  S. Burnett  
Lect Wed

**EAR-25**  **TEACHING IN A DIVERSE SOCIETY**  3 UNITS  
8/29/16 to 12/12/16  Last Day to Add: 11/18/16  
Students will examine the development of social identities in a diverse society and consider culturally relevant and linguistically anti-bias approaches to supporting all children become competent members of a diverse society. PREREQUISITE: None.  
37307  06:00PM 09:10PM  IT Rm 209  S. Sumiati  
Web Enh Lect Mon

**EAR-28**  **PRINCIPLES AND PRACTICES**  3 UNITS  
8/29/16 to 12/12/16  Last Day to Add: 11/18/16  
An examination of the underlying theoretical principles of developmentally appropriate practices as they apply to various aspects of early childhood education. PREREQUISITE: None.  
37308  10:30AM 01:40PM  IT Rm 209  S. Burnett  
Lect Mon

**EAR-33**  **INFANT AND TODDLER DEVELOPMENT**  3 UNITS  
9/1/16 to 12/15/16  
A study of infants and toddlers development from pre-conception to age three. †PREREQUISITE: None.  
37884  09:30AM 12:40PM  IT Rm 209  L. Vazquez  
Web Enh Lect Thur

**EAR-40**  **INTRO CHILDREN WITH SPECIAL NEEDS**  3 UNITS  
8/30/16 to 12/13/16  
Introduces concepts basic to an understanding of infants and young children with special needs and their families. Observation required. PREREQUISITE: None.  
37882  06:00PM 09:10PM  IT Rm 209  TBA  
Lect Tues

**EAR-42**  **CHILD, FAMILY, AND COMMUNITY**  3 UNITS  
9/1/16 to 12/15/16  Last Day to Add: 11/18/16  
An examination of the developing child in a societal context focusing on child, family, and the community with an emphasis on historical and socio-cultural factors. PREREQUISITE: None.  
37310  06:00PM 09:10PM  IT Rm 209  T. Oliver  
Lect Thur

**ECO-4**  **INTRO ECONOMICS**  3 UNITS  
8/29/16 to 12/14/16  Last Day to Add: 11/18/16  
An entry-level, general education course which introduces and surveys basic macroeconomic and microeconomic principles. PREREQUISITE: None.  
37312  10:30AM 11:55AM  IT Rm 109  C. Rajakone  
Lect Mon, Wed

**ECO-4**  **INTRO ECONOMICS**  3 UNITS  
8/30/16 to 12/15/16  Last Day to Add: 11/18/16  
An entry-level, general education course which introduces and surveys basic macroeconomic and microeconomic principles. PREREQUISITE: None.  
37313  08:00AM 09:25AM  IT Rm 109  C. Rajakone  
Lect Tues, Thur
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<th>Last Day to Add</th>
<th>Title of Course</th>
<th>Prerequisites</th>
<th>Adjuncts</th>
<th>Location</th>
<th>Lectures/Lab Schedule</th>
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<tr>
<td>ECO-7</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
<td>8/29/16</td>
<td>12/14/16</td>
<td>Economic theory and analysis as applied to the U.S. economy as a whole. PREREQUISITE: MAT-52. ADVISORY: MAT-35 and qualification for ENG-1A.</td>
<td>37314 09:40AM 11:05AM IT Rm 109 P. Boelman Web Enh Lect Tues, Thur</td>
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<tr>
<td>ECO-7</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
<td>8/29/16</td>
<td>12/14/16</td>
<td>Economic theory and analysis as applied to the U.S. economy as a whole. PREREQUISITE: MAT-52. ADVISORY: MAT-35 and qualification for ENG-1A.</td>
<td>37315 12:45PM 02:10PM IT Rm 101 P. Boelman Web Enh Lect Mon, Wed</td>
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<td>ECO-8</td>
<td>Principles of Microeconomics</td>
<td>3</td>
<td>8/30/16</td>
<td>12/15/16</td>
<td>Economic theory and analysis applied to consumer and producer behavior in markets. PREREQUISITE: MAT-52. ADVISORY: MAT-35 and qualification for ENG-1A.</td>
<td>37317 11:15AM 12:40PM IT Rm 109 P. Boelman Web Enh Lect Tues, Thur</td>
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<tr>
<td>ECO-8</td>
<td>Principles of Microeconomics</td>
<td>3</td>
<td>8/31/16</td>
<td>12/14/16</td>
<td>Economic theory and analysis applied to consumer and producer behavior in markets. PREREQUISITE: MAT-52. ADVISORY: MAT-35 and qualification for ENG-1A.</td>
<td>37318 06:00PM 09:10PM IT Rm 109 P. Boelman Web Enh Lect Wed</td>
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<tr>
<td>ECO-8H</td>
<td>Honors Principles of Microeconomics</td>
<td>3</td>
<td>8/29/16</td>
<td>12/14/16</td>
<td>An Honors course that studies economic theory and analysis applied to consumer and producer behavior in markets. PREREQUISITE: MAT-52. ADVISORY: MAT-35 and qualification for ENG-1A. LIMITATION ON ENROLLMENT: Enrollment in the Honors Program.</td>
<td>37885 02:30PM 03:55PM IT Rm 109 P. Boelman Web Enh Lect Mon, Wed</td>
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<tr>
<td>ELE-11</td>
<td>DC Electronics</td>
<td>4</td>
<td>8/29/16</td>
<td>12/15/16</td>
<td>Basic DC electrical theory, devices, circuits and applications including resistors, capacitors, coils and motors. PREREQUISITE: None.</td>
<td>37319 06:30PM 09:40PM IT Rm 124 G. Graham Lect Tues 06:30PM 09:40PM IT Rm 124 Lab Thur</td>
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<tr>
<td>ELE-11</td>
<td>DC Electronics</td>
<td>4</td>
<td>9/19/16</td>
<td>10/21/16</td>
<td>Basic DC electrical theory, devices, circuits and applications including resistors, capacitors, coils and motors. PREREQUISITE: None.</td>
<td>37919 08:00AM 10:05AM IT Rm 124 S. Chng Lect Mon, Tues, Wed, Thur, Fri 10:15AM 12:20PM IT Rm 124 Lab Mon, Tues, Wed, Thur, Fri</td>
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<tr>
<td>ELE-13</td>
<td>AC Electronics</td>
<td>4</td>
<td>8/29/16</td>
<td>12/15/16</td>
<td>Alternating Current (AC) theory, devices, circuits, applications, calculations and measurements of various parameters. PREREQUISITE: ELE-10 or 11 or 21 or 23.</td>
<td>37321 06:30PM 09:40PM STEM Rm 302 TBA Lect Mon 06:30PM 09:40PM STEM Ctr Rm 302 Lab Wed</td>
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</tr>
</tbody>
</table>
### ELE-25 DIGITAL TECHNIQUES 3 UNITS

9/19/16 to 10/21/16
Mathematics, number systems and logic circuits as they relate to modern electronic computers and digital systems. PREREQUISITE: None.  
†ADVISORY: Concurrent enrollment in or prior completion of ELE-10 or 23.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>37323</td>
<td>06:30PM</td>
<td>CACT Rm 1</td>
<td>R. Chomko</td>
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<td>Web Enh Lect Tues</td>
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<tr>
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<td>Web Enh Lab Thur</td>
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</tbody>
</table>

### ELE-27 TECHNICAL COMMUNICATIONS 3 UNITS

9/19/16 to 10/21/16
Procedures for organizing and presenting technical data. (Same as ENE-27) PREREQUISITE: None.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>37939</td>
<td>01:20PM</td>
<td>IT Rm 124</td>
<td>G. Balteria</td>
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<td>03:25PM</td>
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<td>Lect Mon, Tues, Wed, Thur, Fri</td>
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</table>

### ELE-400 INTRO ELECTRICAL TRADES CONSTRUCTION 3.5 UNITS

8/29/16 to 12/15/16  
Electrician training includes construction job-site OSHA safety, first aid and CPR with AED, safe work practices, hazard identification, personal protective equipment, substance abuse, and math review for electrical trade workers. †PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student is a registered State indentured apprentice.

<table>
<thead>
<tr>
<th>Course Code</th>
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<tr>
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<tr>
<td></td>
<td>07:20PM</td>
<td>JEAT Rm 1</td>
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<td></td>
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<tr>
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<td>Lab Mon, Wed</td>
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</tbody>
</table>

### ELE-402 ADV. DC, BASIC AC, TEST EQUIP. & NEC 3.5 UNITS

8/29/16 to 12/15/16  
Circuit analysis techniques, series, parallel, and combination DC circuits, test equipment, National Electric Code (NEC), and basic 3-Phase AC circuits. PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered State indentured apprentice.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<tr>
<td>37942</td>
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<td>TBA</td>
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<td></td>
<td>04:20PM</td>
<td>JEAT Rm 3</td>
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<tr>
<td></td>
<td>Lab Tues, Thur</td>
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</tbody>
</table>

### ELE-402 ADV. DC, BASIC AC, TEST EQUIP. & NEC 3.5 UNITS

8/29/16 to 12/15/16  
Circuit analysis techniques, series, parallel, and combination DC circuits, test equipment, National Electric Code (NEC), and basic 3-Phase AC circuits. PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered State indentured apprentice.

<table>
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<tr>
<th>Course Code</th>
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<td>07:20PM</td>
<td>JEAT Rm 3</td>
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<td>08:45PM</td>
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<td>Lab Mon, Wed</td>
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www.norcocollegetoefbookstore.com
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Start/End Dates</th>
<th>Last Day to Add:</th>
<th>Description</th>
<th>Prerequisite</th>
<th>Limitation on Enrollment:</th>
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<tbody>
<tr>
<td>ELE-404</td>
<td>DIGITAL, CONDUCTORS &amp; NEC</td>
<td>3.5</td>
<td>8/29/16 to 12/15/16</td>
<td>11/18/16</td>
<td>Digital logic concepts and real-world application. Electrician identification, selection, and installation of electrical conductors in accordance with National Electrical Code (NEC). PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered State indentured apprentice.</td>
<td>None</td>
<td>Student must be a registered State indentured apprentice.</td>
</tr>
<tr>
<td>ELE-404</td>
<td>DIGITAL, CONDUCTORS &amp; NEC</td>
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<td>8/29/16 to 12/15/16</td>
<td>11/18/16</td>
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<td>Student must be a registered State indentured apprentice.</td>
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<td>ELE-404</td>
<td>DIGITAL, CONDUCTORS &amp; NEC</td>
<td>3.5</td>
<td>8/29/16 to 12/15/16</td>
<td>11/18/16</td>
<td>Digital logic concepts and real-world application. Electrician identification, selection, and installation of electrical conductors in accordance with National Electrical Code (NEC). PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered State indentured apprentice.</td>
<td>None</td>
<td>Student must be a registered State indentured apprentice.</td>
</tr>
<tr>
<td>ELE-406</td>
<td>GROUNDING, ADV PRINTS &amp; MOTOR</td>
<td>3.5</td>
<td>8/29/16 to 12/15/16</td>
<td>11/18/16</td>
<td>Advanced blueprint reading and specifications; Study of motor design, applications, with National Electric Code concepts. PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered State indentured apprentice.</td>
<td>None</td>
<td>Student must be a registered State indentured apprentice.</td>
</tr>
<tr>
<td>ELE-406</td>
<td>GROUNDING, ADV PRINTS &amp; MOTOR</td>
<td>3.5</td>
<td>8/29/16 to 12/15/16</td>
<td>11/18/16</td>
<td>Advanced blueprint reading and specifications; Study of motor design, applications, with National Electric Code concepts. PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered State indentured apprentice.</td>
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<td>Student must be a registered State indentured apprentice.</td>
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<td>11/18/16</td>
<td>Advanced blueprint reading and specifications; Study of motor design, applications, with National Electric Code concepts. PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered State indentured apprentice.</td>
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<td>Student must be a registered State indentured apprentice.</td>
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<td>ELE-406</td>
<td>GROUNDING, ADV PRINTS &amp; MOTOR</td>
<td>3.5</td>
<td>8/29/16 to 12/15/16</td>
<td>11/18/16</td>
<td>Advanced blueprint reading and specifications; Study of motor design, applications, with National Electric Code concepts. PREREQUISITE: None. LIMITATION ON ENROLLMENT: Student must be a registered State indentured apprentice.</td>
<td>None</td>
<td>Student must be a registered State indentured apprentice.</td>
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</tbody>
</table>
### ELE-408 TRANSFORMERS, TEST EQUIPMENT, GRID MGMT.

**3.5 UNITS**  
8/29/16 to 12/15/16  
Electrician theory and the fielding of transformers, test equipment; includes management and leadership principles for supervisors, along with special equipment for grid security systems. †PREREQUISITE: †None. LIMITATION ON ENROLLMENT: †Student must be a registered State indentured apprentice.

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<td>37948</td>
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<td>TBA</td>
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<td>TBA</td>
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<td>07:20PM-08:45PM</td>
<td>JEAT Rm 7</td>
<td>Lab Mon, Wed</td>
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### ELE-420 INTRO TO SOUND/COMMUNICATIONS

**3.5 UNITS**  
8/29/16 to 12/15/16  
Introduction to the sound and communication industry, electrical code, fundamentals of wiring methods, fastening devices, electrical conductors, circuits, voltage and data communication. †PREREQUISITE: †None. LIMITATION ON ENROLLMENT: †Student must be a registered State indentured apprentice.

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<th>Section</th>
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<td>07:20PM-08:45PM</td>
<td>JEAT Rm 8</td>
<td>Lab Mon, Wed</td>
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### ELE-422 ELECTRICAL THEORY AND PRACTICES AC

**3.5 UNITS**  
8/29/16 to 12/15/16  
Study of apprenticeship, electrical inductance, capacitance and reactance, including grounded conductors, branch circuits, transformer principles, RCL circuits and filters. PREREQUISITE: †None. LIMITATION ON ENROLLMENT: †Student must be a registered State indentured apprentice.

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<tr>
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<td>Lab Mon, Wed</td>
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### ELE-424 INTRO TO DIGITAL ELEC/SIGNALING DEVICES

**3.5 UNITS**  
8/29/16 to 12/15/16  
Study of digital electronics technology and electronic equipment, including digital systems, binary and decimal numbering systems, logic circuits, Boolean Algebra and convertors. †PREREQUISITE: †None. LIMITATION ON ENROLLMENT: †Student must be a registered State indentured apprentice.

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<tr>
<td>ELE-71</td>
<td>RESIDENTIAL ELECTRICAL WIRING</td>
<td>4</td>
<td>9/26/16</td>
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<td>01:15PM 02:05PM CACT Rm 1</td>
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| ELE-72      | COMMERCIAL & INDUSTRIAL ELECT. WIRING                 | 4     | 9/26/16    | 11/4/16  | Wiring commercial and industrial buildings. (Same as MAN-72)                |
|             |                                                       |       |            |          | PREREQUISITE: None.                                                         |
| 37923       | 08:00AM 09:30AM CACT Rm 1                             | C. Keissieh |            |          | Lect Mon, Tues, Wed, Thur, Fri                                              |
|             | 09:40AM 11:10AM CACT Rm 1                             |       |            |          | Lab Mon, Tues, Wed, Thur, Fri                                               |

| ELE-73      | ELECTRIC MOTORS AND TRANSFORMERS                      | 4     | 8/29/16    | 12/15/16 | Prepares students to work on a wide range of industrial motors and         |
|             |                                                       |       |            |          | transformers. (Same as MAN-73)                                              |
|             |                                                       |       |            |          | PREREQUISITE: None.                                                         |
| 37924       | 03:35PM 05:00PM CACT Rm 2                             | T. Childers |            |          | Lect Tues, Thur                                                            |
|             | 05:10PM 06:40PM CACT Rm 2                             |       |            |          | Lab Tues, Thur                                                             |
|             | 03:35PM 05:40PM CACT Rm 2                             |       |            |          | Lab Mon, Tues, Wed, Thur, Fri                                               |

| ELE-74      | INDUSTRIAL WIRING AND CONTROLS                        | 4     | 10/24/16   | 11/23/16 | Industrial controls and electrical wiring of modern facilities, manufacturing, or warehousing. (Same as MAN-74) |
|             |                                                       |       |            |          | PREREQUISITE: None.                                                         |
| 37925       | 09:30AM 11:45AM IT Rm 124                             | T. Childers |            |          | Lect Mon, Tues, Wed, Thur, Fri                                              |
|             | 12:45PM 03:00PM IT Rm 124                             |       |            |          | Lab Mon, Tues, Wed, Thur, Fri                                               |

| ELE-75      | SOLID STATE DEVICES LIGHTING CONTROLS                 | 3     | 8/29/16    | 12/15/16 | Learn to integrate electronic devices into electrical systems.             |
|             |                                                       |       |            |          | ††PREREQUISITE: †None.                                                     |
| 37963       | 06:30PM 08:35PM CACT Rm 1                             | K. Rad |            |          | Lect Mon, 08:45PM 09:35PM CACT Rm 1                                        |
|             | 06:30PM 08:50PM CACT Rm 1                             |       |            |          | Lab Mon, 06:30PM 08:50PM CACT Rm 1                                         |

| ELE-75      | SOLID STATE DEVICES LIGHTING CONTROLS                 | 3     | 9/26/16    | 11/4/16  | Learn to integrate electronic devices into electrical systems.             |
|             |                                                       |       |            |          | ††PREREQUISITE: †None.                                                     |
| 37977       | 12:10PM 01:15PM CACT Rm 1                             | TBA   |            |          | Lect Mon, Tues, Wed, Thur, Fri                                              |
|             | 01:25PM 03:00PM CACT Rm 1                             |       |            |          | Lab Mon, Tues, Wed, Thur, Fri                                               |

| ELE-77      | ELECTRICAL THEORY                                     | 3     | 11/7/16    | 12/9/16  | Introduces students to fundamentals of electrical theory A/C and D/C.       |
|             |                                                       |       |            |          | (Same as MAN-77) PREREQUISITE: None.                                        |
| 37975       | 09:30AM 11:45AM CACT Rm 1                             | S. Chng |            |          | Lect Mon, Tues, Wed, Thur, Fri                                              |

| ELE-77      | ELECTRICAL THEORY                                     | 3     | 8/31/16    | 12/14/16 | Introduces students to fundamentals of electrical theory A/C and D/C.       |
|             |                                                       |       |            |          | (Same as MAN-77) PREREQUISITE: None.                                        |
| 37976       | 06:30PM 09:40PM IT Rm 124                             | TBA   |            |          | Lect Wed, 06:30PM 09:40PM IT Rm 1                                            |
ENE-21 DRAFTING 3 UNITS
8/29/16 to 12/15/16 Last Day to Add: 11/18/16
Fundamentals of mechanical drawing including lettering, instruments, projection, freehand drawing, and auxiliary views. PREREQUISITE: None.

37336 02:00PM 03:25PM ATEC Rm 109 TBA
   Lect Tues
   03:35PM 05:40PM ATEC Rm 109
   Lab Tues
   02:00PM 05:10PM ATEC Rm 109
   Lab Thur

ENE-30 COMPUTER AIDED DRAFTING 3 UNITS
8/29/16 to 12/15/16 Last Day to Add: 11/18/16
Two-dimensional computer-aided drafting, using AUTOCAD. PREREQUISITE: None. ADVISORY: CIS-1A.

37340 06:00PM 07:25PM IT Rm 127 E. Moran
   Lect Mon
   07:35PM 09:40PM IT Rm 127
   Lab Mon
   06:00PM 09:10PM IT Rm 127
   Lab Wed

ENE-21 DRAFTING 3 UNITS
8/29/16 to 12/15/16 Last Day to Add: 11/18/16
Fundamentals of mechanical drawing including lettering, instruments, projection, freehand drawing, and auxiliary views. PREREQUISITE: None.

37337 06:00PM 07:25PM ATEC Rm 109 G. Balteria
   Lect Mon
   07:35PM 09:40PM ATEC Rm 109
   Lab Mon
   06:00PM 09:10PM ATEC Rm 109
   Lab Wed

ENE-22 ENGINEERING DRAWING 3 UNITS
8/29/16 to 12/15/16 Last Day to Add: 11/18/16
Drafting fundamentals reviewed geometric construction, orthographic projections, freehand sketching, sectioning, etc. PREREQUISITE: ENE-21. ADVISORY: ENE-30.

37338 02:10PM 03:35PM IT Rm 127 P. Van Hulle
   Lect Mon
   03:45PM 05:50PM IT Rm 127
   Lab Mon
   02:10PM 05:20PM IT Rm 127

ENE-30 COMPUTER AIDED DRAFTING 3 UNITS
8/29/16 to 12/15/16 Last Day to Add: 11/18/16
Two-dimensional computer-aided drafting, using AUTOCAD. PREREQUISITE: None. ADVISORY: CIS-1A.

37341 02:10PM 03:35PM IT Rm 125 S. Hall
   Lect Tues
   03:45PM 05:50PM IT Rm 125
   Lab Tues
   02:10PM 05:20PM IT Rm 125
   Lab Thur

ENE-27 TECHNICAL COMMUNICATIONS 3 UNITS
9/19/16 to 10/21/16
Procedures for organizing and presenting technical data. (Same as ELE-27) PREREQUISITE: None.

37938 01:20PM 03:25PM IT Rm 124 G. Balteria
   Lect Mon, Tues, Wed, Thur, Fri
   Lab Wed

ENE-42 SOLIDWORKS I 3 UNITS
8/29/16 to 12/15/16 Last Day to Add: 11/18/16
Basic parametric solid modeling techniques using SolidWorks and advancing into complex assemblies requiring animation. PREREQUISITE: None. ADVISORY: PC computer experience.

37343 06:00PM 07:25PM IT Rm 125 TBA
   Lect Tues
   07:35PM 09:40PM IT Rm 125
   Lab Tues
   06:00PM 09:10PM IT Rm 125
   Lab Thur
ENE-42 SOLIDWORKS I 3 UNITS  
8/29/16 to 12/15/16  
Last Day to Add: 11/18/16  
Basic parametric solid modeling techniques using SolidWorks and advancing into complex assemblies requiring animation. PREREQUISITE: None. ADVISORY: PC computer experience.

37344 08:00AM 09:25AM CACT Rm 2 TBA  
Lect Tues  
09:35AM 11:40AM CACT Rm 2  
Lab Tues  
08:00AM 11:10AM CACT Rm 2  
Lab Thur  

ENE-42B SOLIDWORKS II 3 UNITS  
8/29/16 to 12/15/16  
This course is designed to further 3D parametric solid modeling software techniques learned in SolidWorks I. PREREQUISITE: ENE-42 or prior SolidWorks experience.

37345 06:00PM 07:25PM IT Rm 125 TBA  
Lect Mon  
07:35PM 09:40PM IT Rm 125  
Lab Mon  
06:00PM 09:10PM IT Rm 125  

ENE-51 BLUEPRINT READING 2 UNITS  
8/29/16 to 9/16/16  
Beginning course in blueprint reading. This course is designed for the machine trades. PREREQUISITE: None.

37896 10:30AM 12:05PM IT Rm 124 TBA  
Lect Mon, Tues, Wed, Thur, Fri  
01:05PM 02:40PM IT Rm 124  
Lab Mon, Tues, Wed, Thur, Fri  

ENE-52 GEOMETRIC DIMEN & TOLER 2 UNITS  
8/30/16 to 12/13/16  
Last Day to Add: 11/18/16  
Covers international standards regarding form and fit using industry and government standards. PREREQUISITE: None.

37346 06:00PM 08:05PM ATEC Rm 109 TBA  
Lect Tues  

ENE-60 MATH FOR ENGINEERING TECHNOLOGY 3 UNITS  
8/30/16 to 12/13/16  
Math problems used in industry, including basic arithmetic, algebra, geometry and trigonometry. PREREQUISITE: None.

37897 06:30PM 09:40PM STEM Rm 302 TBA  
Lect Tues  

ENG-11 CREATIVE WRITING 3 UNITS  
8/29/16 to 12/14/16  
Last Day to Add: 11/18/16  
Studies in the principles of writing fiction and poetry. PREREQUISITE: ENG-1A or 1AH.

37347 04:15PM 05:40PM IT Rm 210 D. Mills  
Lect Mon, Wed  

ENG-1A ENGLISH COMPOSITION 4 UNITS  
8/29/16 to 12/15/16  
Last Day to Add: 11/18/16  
Teaches college-level critical reading, academic writing, and research skills. PREREQUISITE: †ENG-50 or 80 or qualifying placement level.

37349 08:45AM 10:00AM IT Rm 210 C. Liang  
Web Enh Lect Mon, Wed, Fri  
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Web Enh Lab TBA  
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Teaches college-level critical reading, academic writing, and research skills. PREREQUISITE: †ENG-50 or 80 or qualifying placement level.
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<th>Instructors</th>
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<td>37367</td>
<td>06:30PM 08:35PM JFK Rm 120</td>
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<td>E. Harmer</td>
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<td>Web Enh Lect Tues, Thur  TBA TBA  Web Enh Lab TBA  TBA TBA</td>
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| ENG-1A      | ENGLISH COMPOSITION          | 4     | 8/29/16 to 12/15/16    | 11/18/16         | Teaches college-level critical reading, academic writing, and research skills. PREREQUISITE: †ENG-50 or 80 or qualifying placement level.                     |             |       |           |
| 37368       | 04:15PM 06:20PM IT Rm 111    |       | D. Mattson             |                  | Web Enh Lect Tues, Thur  TBA TBA  Web Enh Lab TBA  TBA TBA  |             |       | IT Rm 111 |
|             |                              |       |                        |                  | Lectures: Thur  TBA TBA  |             |       |           |

| ENG-1A      | ENGLISH COMPOSITION          | 4     | 8/29/16 to 12/15/16    | 11/18/16         | Teaches college-level critical reading, academic writing, and research skills. PREREQUISITE: †ENG-50 or 80 or qualifying placement level.                     |             |       |           |
| 37369       | 04:15PM 06:20PM JFK Rm 104   |       | C. Brownell            |                  | Web Enh Lect Mon, Wed  TBA TBA  Web Enh Lab TBA  TBA TBA  |             |       | JFK Rm 104 |
|             |                              |       |                        |                  | Lectures: Mon, Wed  TBA TBA  |             |       |           |

| ENG-1A      | ENGLISH COMPOSITION          | 4     | 8/29/16 to 12/15/16    | 11/18/16         | Teaches college-level critical reading, academic writing, and research skills. PREREQUISITE: †ENG-50 or 80 or qualifying placement level.                     |             |       |           |
| 37370       | 06:30PM 08:35PM JFK Rm 104   |       | C. Brownell            |                  | Web Enh Lect Mon, Wed  TBA TBA  Web Enh Lab TBA  TBA TBA  |             |       | JFK Rm 104 |
|             |                              |       |                        |                  | Lectures: Mon, Wed  TBA TBA  |             |       |           |

| ENG-1A      | ENGLISH COMPOSITION          | 4     | 8/29/16 to 12/15/16    | 11/18/16         | Teaches college-level critical reading, academic writing, and research skills. PREREQUISITE: †ENG-50 or 80 or qualifying placement level.                     |             |       |           |
| 37908       | 02:00PM 04:05PM HUM Rm 102   |       | B. Eberle              |                  | Web Enh Lect, Thur  TBA TBA  Web Enh Lab TBA  TBA TBA  |             |       | HUM Rm 102 |
|             |                              |       |                        |                  | Lectures: Thur  TBA TBA  |             |       |           |

| ENG-1A      | ENGLISH COMPOSITION          | 4     | 8/29/16 to 12/15/16    | 11/18/16         | Teaches college-level critical reading, academic writing, and research skills. PREREQUISITE: †ENG-50 or 80 or qualifying placement level.                     |             |       |           |
| 37910       | 03:00PM 05:05PM IT Rm 110    |       | L. Ludvigsen           |                  | Web Enh Lab TBA  TBA TBA  |             |       | IT Rm 110 |
|             |                              |       |                        |                  | Lectures: Wed  TBA TBA  |             |       |           |

| ENG-1AH     | HONORS ENGLISH COMP          | 4     | 8/29/16 to 12/15/16    | 11/18/16         | Offers students in the Honors Program an enriched experience in the development of college-level critical reading, academic writing, and research skills. PREREQUISITE: ENG-50 or 80 or qualifying placement level. LIMITATION ON ENROLLMENT: Enrollment in the Honors Program. |             |       |           |
| 37371       | 10:30AM 12:35PM STEM Rm 302  |       | D. Mills               |                  | Web Enh Lab TBA  TBA TBA  |             |       | STEM Rm 302 |
|             |                              |       |                        |                  | Lectures: Thur  TBA TBA  |             |       |           |

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<th>ENG-1B  CRITICAL THINKING/WRITING</th>
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<th>8/29/16 to 12/15/16</th>
<th>Last Day to Add: 11/18/16</th>
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<td>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.</td>
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<td>37373 07:10PM - 09:15PM JFK Rm 117 E. Wagner Lect Tues, Thur TBA TBA Lab TBA TBA TBA</td>
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<td>37374 06:30PM - 08:35PM JFK Rm 102 J. Lovell Web Enh Lect Mon, Wed TBA TBA TBA TBA Lab TBA TBA TBA</td>
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<td>37375 03:00PM - 05:05PM IT Rm 108 D. Samson Web Enh Lect Mon, Wed TBA TBA TBA TBA Lab TBA TBA TBA</td>
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<td>37376 08:15AM - 10:20AM ATEC Rm 109 D. Reade Lect Mon, Wed TBA TBA TBA TBA Lab TBA TBA TBA</td>
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<td>37380 04:15PM - 06:20PM JFK Rm 102 J. Lovell Web Enh Lect Mon, Wed TBA TBA TBA TBA Lab TBA TBA TBA</td>
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<td>37381 06:30PM - 08:35PM IT Rm 110 J. Gianunzio Lect Tues, Thur TBA TBA TBA TBA Lab TBA TBA TBA</td>
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ENG-1B  CRITICAL THINKING/WRITING  4 UNITS
8/29/16 to 12/15/16
Last Day to Add: 11/18/16
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.
37382 05:30PM 07:35PM IT Rm 108 TBA
Web Enh Lect Mon, Wed
TBA TBA
IT Rm 121
Web Enh Lab TBA
TBA TBA
D. Samson

ENG-1B  CRITICAL THINKING/WRITING  4 UNITS
8/29/16 to 12/15/16
Last Day to Add: 11/18/16
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.
37383 12:45PM 02:50PM IT Rm 108 TBA
Lect Mon, Wed
TBA TBA
IT Rm 121
Lab TBA
TBA TBA
D. Reade

ENG-1B  CRITICAL THINKING/WRITING  4 UNITS
8/29/16 to 12/15/16
Last Day to Add: 11/18/16
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.
37912 04:15PM 06:20PM JFK Rm 117 TBA
Lect Tues, Thur
TBA TBA
IT Rm 121
Lab TBA
TBA TBA
E. Wagner

ENG-1BH  HON CRITICAL THINK/WRIT  4 UNITS
8/29/16 to 12/15/16
Last Day to Add: 11/18/16
An Honors course that emphasizes argument, analysis, and the student of literature, developing critical thinking, reading, and writing skills beyond the level achieved in ENG-1A or 1AH. PREREQUISITE: ENG-1A or 1AH. LIMITATION ON ENROLLMENT: Enrollment in the Honors Program.
37384 10:30AM 12:35PM STEM Rm 125 TBA
Web Enh Lect Tues, Thur
TBA TBA
IT Rm 121
Web Enh Lab TBA
TBA TBA
M. Bader

ENG-30  CHILDREN’S LITERATURE  3 UNITS
8/30/16 to 12/15/16
Survey of children’s literature from early times with an emphasis on contemporary material. PREREQUISITE: ENG-50 or 80 or eligibility for ENG-1A.
37916 02:00PM 03:25PM IT Rm 108 TBA
Lect Tues, Thur
D. Reade

ENG-35  IMAGES OF WOMEN IN LITERATURE  3 UNITS
8/29/16 to 12/14/16
A study of the images of women in literature. PREREQUISITE: None. ADVISORY: ENG-1B or 1BH.
37917 12:45PM 02:10PM ST Rm 108 TBA
Lect Mon, Wed
N. Capps

ENG-50  BASIC ENGLISH COMP  4 UNITS
8/29/16 to 12/15/16
Last Day to Add: 11/18/16
Prepares students for college-level reading and academic writing. PREREQUISITE: ENG-60B, ESL-55 or qualifying placement level. ADVISORY: REA-82 or qualifying placement level.
37386 02:00PM 04:05PM IT Rm 206 TBA
Hybr Thur
TBA TBA
IT Rm 121
TBA TBA
TBA TBA
Online
TBA Rm LINE
12/15/16
J. Hill

ENG-50  BASIC ENGLISH COMP  4 UNITS
8/29/16 to 12/15/16
Last Day to Add: 11/18/16
Prepares students for college-level reading and academic writing. PREREQUISITE: ENG-60B, ESL-55 or qualifying placement level. ADVISORY: REA-82 or qualifying placement level.
37387 10:30AM 12:35PM IT Rm 127 TBA
Hybr Wed
TBA TBA
IT Rm 121
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Online
TBA Rm LINE
12/15/16
C. Miler

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ENG-6 37404 UNITS
4 to ENG-60A 8/29/16 10/19/16
Survey of British literature from its beginnings to 1800. PREREQUISITE: ENG-50 or 80 or eligibility for ENG-1A. 04:15PM 05:40PM IT Rm 206 British Literature I
Lect Tues, Thur
IT Rm 121

ENG-60A 37404 UNITS
4 to ENG-60A 8/29/16 10/19/16
This course instills basic writing, reading, and grammar skills via sentence and paragraph writing. (Non-degree credit course. Pass/No Pass only.) PREREQUISITE: None. 03:00PM 04:55PM IT Rm 110 Engl Fund: Sent to Paragraph
Lect Mon, Wed
IT Rm 121
Lab TBA

ENG-60A ENGL FUND: SENT TO PARAGRAPH 4 UNITS
8/29/16 to 12/15/16 Last Day to Add: 11/18/16
This course instills basic writing, reading, and grammar skills via sentence and paragraph writing. (Non-degree credit course. Pass/No Pass only.) PREREQUISITE: None.
37405 02:30PM 03:45PM IT Rm 209 R. Marsh
Web Enh Lect Mon, Wed, Fri
TBA TBA
Web Enh Lab TBA

ENG-60A ENGL FUND: SENT TO PARAGRAPH 4 UNITS
8/29/16 to 12/15/16 Last Day to Add: 11/18/16
This course instills basic writing, reading, and grammar skills via sentence and paragraph writing. (Non-degree credit course. Pass/No Pass only.) PREREQUISITE: None.
37406 12:45PM 02:00PM STEM Rm 302 R. Marsh
Web Enh Lect Mon, Wed, Fri
TBA TBA
Web Enh Lab TBA

ENG-60A ENGL FUND: SENT TO PARAGRAPH 4 UNITS
8/29/16 to 12/15/16 Last Day to Add: 11/18/16
This course instills basic writing, reading, and grammar skills via sentence and paragraph writing. (Non-degree credit course. Pass/No Pass only.) PREREQUISITE: None.
37409 12:45PM 02:00PM IT Rm 209 R. Marsh
Web Enh Lect Mon, Wed, Fri
TBA TBA
Web Enh Lab TBA

ENG-60A 37407 UNITS
4 to ENG-60A 8/29/16 12/15/16
This course instills basic writing, reading, and grammar skills via sentence and paragraph writing. (Non-degree credit course. Pass/No Pass only.) PREREQUISITE: None. 03:00PM 05:05PM ST Rm 108 Engl Fund: Sent to Paragraph
Lect Mon, Wed
IT Rm 110
Lab TBA

ENG-60A 37408 UNITS
4 to ENG-60A 8/29/16 12/15/16
This course instills basic writing, reading, and grammar skills via sentence and paragraph writing. (Non-degree credit course. Pass/No Pass only.) PREREQUISITE: None. 02:00PM 04:05PM IT Rm 123 Engl Fund: Sent to Paragraph
Lect Tues, Thur
IT Rm 121
Lab TBA

ENG-60A 37409 UNITS
4 to ENG-60A 8/29/16 12/15/16
This course instills basic writing, reading, and grammar skills via sentence and paragraph writing. (Non-degree credit course. Pass/No Pass only.) PREREQUISITE: None.
37410 04:15PM 06:20PM IT Rm 110 R. Marsh
Web Enh Lect Mon, Wed, Fri
TBA TBA
Web Enh Lab TBA

ENG-60A 37411 UNITS
4 to ENG-60A 8/29/16 12/15/16
This course instills basic writing, reading, and grammar skills via sentence and paragraph writing. (Non-degree credit course. Pass/No Pass only.) PREREQUISITE: None.
37411 05:30PM 07:35PM IT Rm 110 J. Bonafede
Lect Mon, Wed
IT Rm 121
Lab TBA
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<td>This course advances basic reading, writing, and grammar skills via the production of paragraphs and short essays. †(Non-degree credit course. Pass/No Pass only.) PREREQUISITE: ENG-60A or qualifying placement level.</td>
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<td>This course advances basic reading, writing, and grammar skills via the production of paragraphs and short essays. †(Non-degree credit course. Pass/No Pass only.) PREREQUISITE: ENG-60A or qualifying placement level.</td>
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<td>This course advances basic reading, writing, and grammar skills via the production of paragraphs and short essays. †(Non-degree credit course. Pass/No Pass only.) PREREQUISITE: ENG-60A or qualifying placement level.</td>
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<td>Prepares students for college-level reading, writing, and critical thinking. (Non-degree credit course.) PREREQUISITE: †None.</td>
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<td>Prepares students for college-level reading, writing, and critical thinking. (Non-degree credit course.) PREREQUISITE: †None.</td>
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<td>Prepares students for college-level reading, writing, and critical thinking. (Non-degree credit course.) PREREQUISITE: †None.</td>
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<td>ESL-51</td>
<td>BASIC WRITING AND GRAMMAR</td>
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<td>8/29/16 to 12/15/16</td>
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<td>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.</td>
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ESL-52  LOW-INTERMED WRITING/GRAMMAR  4 UNITS  
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
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.
37430  08:15AM  10:20AM  IT Rm 211M. Shirinian
        Lect Mon, Wed  IT Rm 211
Lab Wed

ESL-53  INTERMED WRITING/GRAMMAR  4 UNITS  
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
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.
37431  12:15PM  02:20PM  IT Rm 211M. Shirinian
        Lect Mon, Wed  IT Rm 211
Lab Mon

ESL-54  HIGH-INTERMED WRITING/GRAMMAR  5 UNITS  
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
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.
37432  06:30PM  09:00PM  IT Rm 206  D. Tougas
        Lect Tues, Thur  IT Rm 121
Lab TBA

ESL-55  ADVANCED WRITING/GRAMMAR  5 UNITS  
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
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.
37433  09:40AM  12:10PM  IT Rm 211M. Shirinian
        Lect Tues, Thur  IT Rm 121
Lab TBA

ESL-95  PRONUNCIATION, ACCENT REDUCTION  3 UNITS  
8/29/16 to 12/15/16
Provides instruction and intensive practice in pronunciation and accent reduction. (Non-degree credit course. Pass-No Pass only.) PREREQUISITE: None. ADVISORY: Qualification for ESL-52 or higher.
37878  04:15PM  06:20PM  IT Rm 208  L. Tougas
        Lect Tues  IT Rm 208
Lab Thur
37879  05:15PM  06:05PM  IT Rm 208

FRE-1  FRENCH 1  5 UNITS  
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Develops basic skills in understanding, reading, communicating and writing in French. PREREQUISITE: None.
37435  11:45AM  01:50PM  LIBR Rm 121  D. Hitchcock
        Web Enh Lect Mon  LIBR Rm 109
Web Enh Lect Wed  02:00PM  02:50PM  Library Rm 121
Web Enh Lab TBA

FRE-1  FRENCH 1  5 UNITS
8/29/16 to 12/15/16
Develops basic skills in understanding, reading, communicating and writing in French. PREREQUISITE: None.
37843  06:00PM  09:10PM  LIBR Rm 109  TBA
        Web Enh Lect Thur  LIBR Rm 121
Web Enh Lect Tues  08:15PM  09:05PM  Library Rm 121
Web Enh Lab Tues

GAM-21  HISTORY OF VIDEO GAMES  3 UNITS  
8/30/16 to 12/15/16  Last Day to Add: 11/18/16
A comprehensive study of the evolution of video games throughout history including arcade games, console games, computer games and mobile applications. PREREQUISITE: None.
37437  08:00AM  09:25AM  IT Rm 202  J. Coverdale
        Web Enh Lect Tues, Thur  IT Rm 202
Web Enh Lab Tues, Thur  08:45PM  09:35PM
### GAM-21 HISTORY OF VIDEO GAMES
- **Units:** 4
- **Time Frame:** 8/29/16 to 12/15/16
- **Last Day to Add:** 11/18/16
- **Description:** A comprehensive study of the evolution of video games throughout history including arcade games, console games, computer games and mobile applications. **PREREQUISITE:** None.
- **Class Schedule:**
  - 37438 02:00PM 03:25PM IT Rm 202 J. Coverdale
  - Web Enh Lect Tues, Thur 10:30AM 11:20AM

### GAM-22 GAME DESIGN PRINCIPLES
- **Units:** 4
- **Time Frame:** 8/29/16 to 12/15/16
- **Last Day to Add:** 11/18/16
- **Description:** An introduction to game design using non-digital rapid prototyping. Topics include formal elements of games, mechanics and dynamics, decision-making, flow states and player psychology, the MDA Framework, the iterative process, and rapid prototyping. **PREREQUISITE:** None.
- **Class Schedule:**
  - 37440 09:40AM 11:05AM IT Rm 202 J. Coverdale
  - Web Enh Lect Tues, Thur 11:15AM 12:05PM IT Rm 202
  - Web Enh Lab Tues, Thur

### GAM-24 VIDEO GAME PROTOTYPING
- **Units:** 4
- **Time Frame:** 9/2/16 to 12/15/16
- **Last Day to Add:** 11/15/16
- **Description:** An introduction to the fundamentals of computer game prototyping with an emphasis on scripting. Topics include layout, possibility space, content integration, scripting, team collaboration, and workflow. Students will create 3D computer game levels using one or more modern game engines. (Same as CIS-24) **PREREQUISITE:** CIS/CSC-5 or CIS/GAM-50.
- **Class Schedule:**
  - 37442 08:00AM 12:05PM IT Rm 127 J. Finley
  - Web Enh Lect Fri TBA TBA IT Rm 127
  - Web Enh Lab Fri

### GAM-33 ADVANCED DESIGN SCULPTING
- **Units:** 3
- **Time Frame:** 8/29/16 to 12/15/16
- **Last Day to Add:** 11/18/16
- **Description:** Students will learn the production workflow of ZBrush to Maya and complete high-end cinematic quality 3D models. The focus will be on high level detail and animation ready models. **PREREQUISITE:** GAM-32.
- **Class Schedule:**
  - 37936 08:00AM 09:25AM IT Rm 106 G. Marquez
  - Web Enh Lect Tues, Thur 04:15PM 05:05PM LIBR Rm LRC
  - Web Enh Lab Tues

### GAM-35 INTRO COMPUTER GAME DEV
- **Units:** 3
- **Time Frame:** 8/29/16 to 12/14/16
- **Last Day to Add:** 11/18/16
- **Description:** An introduction to computer gaming. Students will explore the job market, career paths and business aspects of gaming professions. **PREREQUISITE:** None.
- **Class Schedule:**
  - 37446 08:45AM 10:10AM ATEC Rm 118 J. Finley
  - Web Enh Lect Mon, Wed 11:45AM 02:55PM

### GAM-35 INTRO COMPUTER GAME DEV
- **Units:** 3
- **Time Frame:** 8/30/16 to 12/13/16
- **Last Day to Add:** 11/18/16
- **Description:** An introduction to computer gaming. Students will explore the job market, career paths and business aspects of gaming professions. **PREREQUISITE:** None.
- **Class Schedule:**
  - 37447 08:00AM 11:10AM IT Rm 125 J. Finley
  - Web Enh Lect Tues 06:00PM 08:05PM

### GAM-46 ENVIRONMENT AND VEHICLE MODELING
- **Units:** 3
- **Time Frame:** 8/29/16 to 12/15/16
- **Last Day to Add:** 11/18/16
- **Description:** A comprehensive study of game industry modeling techniques for both hard surface and organic modeling, including Polygonal and NURBS (Non Uniform Rational B Splines) modeling. **PREREQUISITE:** GAM-81.
- **Class Schedule:**
  - 37449 03:30PM 04:55PM IT Rm 202 M. Williams
  - Web Enh Lect Tues, Thur IT Rm 202
  - Web Enh Lab Tues
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Dates</th>
<th>Last Day to Add:</th>
<th>Description</th>
<th>Prerequisites</th>
<th>Instructor(s)</th>
<th>Time(s)</th>
<th>Location(s)</th>
<th>Web Enh Lect</th>
<th>Web Enh Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>GAM-52</td>
<td>GAME ENGINE SCRIPTING I</td>
<td>2</td>
<td>8/29/16 to 12/15/16</td>
<td></td>
<td>Introduction to core programming concepts related to game engine scripting. Scripted languages are used in the context of industry standard game development tools to implement game functionality. PREREQUISITE: CIS/CSC-17B, or 16B or CIS/CSC-50. ADVISORY: GAM-24 or CIS/GAM-37.</td>
<td></td>
<td>J. Ruiz</td>
<td>10:30AM - 11:55AM</td>
<td>ATEC Rm 118</td>
<td>Web Enh Lect Mon, Wed</td>
<td>Web Enh Lab Wed</td>
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<tr>
<td>GAM-70</td>
<td>GAME DEVELOPMENT BASICS</td>
<td>2</td>
<td>8/29/16 to 12/15/16</td>
<td></td>
<td>Introduction to fundamental computer concepts related to typical functions required of a game artist. Standard file management, navigation, storage, and multiple backup techniques for files is taught as well as basic scanning techniques, appropriate use of Internet resources, copyright issues and an introduction to graphic file formats. PREREQUISITE: None.</td>
<td></td>
<td>C. Koestler</td>
<td>03:30PM - 04:20PM</td>
<td>IT Rm 202</td>
<td>Web Enh Lect Mon</td>
<td>Web Enh Lab Mon</td>
</tr>
<tr>
<td>GAM-71</td>
<td>PERSPECTIVE FOR GAME AND ANIMATION</td>
<td>3</td>
<td>8/29/16 to 12/15/16</td>
<td></td>
<td>A perspective drawing class which focuses on creating believable environments, both interior and exterior, through the proper implementation of correct one-point, two-point and three-point perspective while setting up a dynamic composition. Students learn to draw three-dimensional forms through observation and application of perspective principles. PREREQUISITE: GAM-80.</td>
<td></td>
<td>A. Andreini</td>
<td>10:00AM - 11:50AM</td>
<td>ATEC Rm 109</td>
<td>Lect Tues, Thur</td>
<td>Lab Tues, Thur</td>
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<tr>
<td>GAM-80</td>
<td>DIGITAL DRAWING FOR GAME ART</td>
<td>4</td>
<td>8/29/16 to 12/15/16</td>
<td></td>
<td>Introduction to digital drawing techniques for games using industry standard hardware and software. †PREREQUISITE: †None.</td>
<td></td>
<td>G. Marquez</td>
<td>06:00PM - 07:25PM</td>
<td>IT Rm 202</td>
<td>Web Enh Lect Mon, Wed</td>
<td>Web Enh Lab Mon</td>
</tr>
<tr>
<td>GAM-81</td>
<td>3D MODELING AND TEXTURING</td>
<td>4</td>
<td>8/29/16 to 12/15/16</td>
<td></td>
<td>Introduction to the concepts of 3D modeling in a virtual environment and creating and applying textures to those models. Students will create original three-dimensional computer generated models of organic or mechanical design, complete with suitable textures. PREREQUISITE: GAM-80.</td>
<td></td>
<td>M. Williams</td>
<td>06:00PM - 07:25PM</td>
<td>IT Rm 202</td>
<td>Web Enh Lect Tues, Thu</td>
<td>Web Enh Lab Tues</td>
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<tr>
<td>GEG-1</td>
<td>PHYSICAL GEOGRAPHY</td>
<td>3</td>
<td>8/29/16 to 12/15/16</td>
<td></td>
<td>The interacting physical processes of air, water, land, and life which impact Earth’s surface. PREREQUISITE: None.</td>
<td></td>
<td>TBA</td>
<td>08:45AM - 10:10AM</td>
<td>ATEC Rm 114</td>
<td>Lect Mon, Wed</td>
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<td>GEG-1</td>
<td>PHYSICAL GEOGRAPHY</td>
<td>3</td>
<td>8/30/16 to 12/15/16</td>
<td></td>
<td>The interacting physical processes of air, water, land, and life which impact Earth’s surface. PREREQUISITE: None.</td>
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<td>TBA</td>
<td>08:00AM - 09:25AM</td>
<td>ATEC Rm 205</td>
<td>Lect Tues, Thu</td>
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<td>GEG-1</td>
<td>PHYSICAL GEOGRAPHY</td>
<td>3</td>
<td>8/29/16 to 12/14/16</td>
<td></td>
<td>The interacting physical processes of air, water, land, and life which impact Earth’s surface. PREREQUISITE: None.</td>
<td></td>
<td>TBA</td>
<td>05:00PM - 05:50PM</td>
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<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Time/Location</th>
<th>Lecturer</th>
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<td>3</td>
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<td>Last Day to Add: 11/18/16</td>
<td></td>
<td>12:05PM 12:55PM</td>
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<td></td>
<td>The interacting physical processes of air, water, land, and life which impact Earth’s surface. PREREQUISITE: None.</td>
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<td>GEG-1</td>
<td>PHYSICAL GEOGRAPHY</td>
<td>3</td>
<td>04:15PM 05:40PM ATEC Rm 205</td>
<td>E. Ogbuchiekwe</td>
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<td>Last Day to Add: 11/18/16</td>
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<td>The interacting physical processes of air, water, land, and life which impact Earth’s surface. PREREQUISITE: None.</td>
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<td>GEG-1L</td>
<td>PHYSICAL GEOGRAPHY LAB</td>
<td>1</td>
<td>10:30AM 11:55AM ATEC Rm 205</td>
<td>R. Christov</td>
</tr>
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<td>Last Day to Add: 11/18/16</td>
<td></td>
<td>11:00AM 12:25PM</td>
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<td></td>
<td>Practical application of physical geography principles through geographically based in-class exercises. PREREQUISITE: None. COREQUISITE: Concurrent enrollment in or prior completion of GEG-1 or 1H.</td>
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<td>Practical application of physical geography principles through geographically based in-class exercises. PREREQUISITE: None. COREQUISITE: Concurrent enrollment in or prior completion of GEG-1 or 1H.</td>
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<td>WORLD REGIONAL GEOG</td>
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<td>GUI-45</td>
<td>INTRODUCTION TO COLLEGE</td>
<td>1</td>
<td>9/2/16</td>
<td>12/9/16</td>
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<td>GUI-46</td>
<td>INTRO TRANSFER PROCESS</td>
<td>1</td>
<td>8/29/16</td>
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<td>INTRO TRANSFER PROCESS</td>
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<td>12/13/16</td>
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<td>GUI-47</td>
<td>CAREER EXPLOR/LIFE PLANNING</td>
<td>3</td>
<td>8/29/16</td>
<td>12/14/16</td>
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<th>Last Day to Add</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<td>GUI-47</td>
<td>CAREER EXPLOR/LIFE PLANNING</td>
<td>3</td>
<td>8/29/16 to 12/14/16</td>
<td>11/18/16</td>
<td>06:00PM - 09:10PM</td>
<td>JFK Rm 104</td>
<td>E. Amezola</td>
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<td>GUI-47</td>
<td>CAREER EXPLOR/LIFE PLANNING</td>
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<td>8/29/16 to 12/14/16</td>
<td>11/18/16</td>
<td>08:45AM - 10:10AM</td>
<td>IT Rm 109</td>
<td>R. Smith</td>
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<td>GUI-47</td>
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<td>9/2/16 to 12/14/16</td>
<td>11/18/16</td>
<td>06:30PM - 09:40PM</td>
<td>LIBR Rm 108</td>
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<td>3</td>
<td>8/31/16 to 12/14/16</td>
<td>11/18/16</td>
<td>06:00PM - 09:10PM</td>
<td>JFK Rm 118</td>
<td>G. Curasi</td>
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<td>GUI-48</td>
<td>COLLEGE SUCCESS STRAT</td>
<td>2</td>
<td>8/30/16 to 12/13/16</td>
<td>11/15/16</td>
<td>11:15AM - 03:20PM</td>
<td>IT Rm 202</td>
<td>TBA</td>
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<td>GUI-48</td>
<td>COLLEGE SUCCESS STRAT</td>
<td>2</td>
<td>9/1/16 to 12/15/16</td>
<td>11/18/16</td>
<td>06:30PM - 08:35PM</td>
<td>JFK Rm 116</td>
<td>E. Betancourt</td>
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<td>COLLEGE SUCCESS STRAT</td>
<td>2</td>
<td>9/1/16 to 12/15/16</td>
<td>11/18/16</td>
<td>06:30PM - 08:35PM</td>
<td>IT Rm 208</td>
<td>R. Gonzales</td>
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GUI-48  COLLEGE SUCCESS STRAT  2 UNITS
8/30/16 to 12/13/16
Exploration of various learning strategies. Students will identify their own learning styles and utilize that information to succeed in college. PREREQUISITE: None.
37893  11:15AM 12:10PM LIBR Rm 121 R. Smith
Lect Tues, Thur

GUI-48  COLLEGE SUCCESS STRAT  2 UNITS
8/30/16 to 12/13/16
Exploration of various learning strategies. Students will identify their own learning styles and utilize that information to succeed in college. PREREQUISITE: None.
37894  08:15AM 10:20AM IT Rm 123 M. Jurado
Lect Tues

GUI-48  COLLEGE SUCCESS STRAT  2 UNITS
9/1/16 to 12/15/16
Exploration of various learning strategies. Students will identify their own learning styles and utilize that information to succeed in college. PREREQUISITE: None.
37895  08:15AM 10:20AM IT Rm 123 Y. Haro
Lect Thur

HES-1  HEALTH SCIENCE  3 UNITS
8/29/16 to 12/15/16 Last Day to Add: 11/18/16
A basic study of various aspects of health including anatomy and physiology of the body, concepts of prevention, practical advises for healthy life style, treatments and cure of major diseases. This course satisfies the California requirement in drug, alcohol, tobacco and nutrition education for teacher certification. PREREQUISITE: None.
37484 12:45PM 02:10PM IT Rm 117 T. Wallstrom
Lect Mon, Wed

HES-1  HEALTH SCIENCE  3 UNITS
8/29/16 to 12/15/16 Last Day to Add: 11/18/16
A basic study of various aspects of health including anatomy and physiology of the body, concepts of prevention, practical advises for healthy life style, treatments and cure of major diseases. This course satisfies the California requirement in drug, alcohol, tobacco and nutrition education for teacher certification. PREREQUISITE: None.
37485 08:00AM 09:25AM THTR Rm 101 M. Donovan
Web Enh Lect Tues, Thur

HES-1  HEALTH SCIENCE  3 UNITS
8/29/16 to 12/15/16 Last Day to Add: 11/18/16
A basic study of various aspects of health including anatomy and physiology of the body, concepts of prevention, practical advises for healthy life style, treatments and cure of major diseases. This course satisfies the California requirement in drug, alcohol, tobacco and nutrition education for teacher certification. PREREQUISITE: None.
37486 09:40AM 11:05AM THTR Rm 101 M. Donovan
Web Enh Lect Tues, Thur

HES-1  HEALTH SCIENCE  3 UNITS
8/29/16 to 12/15/16 Last Day to Add: 11/18/16
A basic study of various aspects of health including anatomy and physiology of the body, concepts of prevention, practical advises for healthy life style, treatments and cure of major diseases. This course satisfies the California requirement in drug, alcohol, tobacco and nutrition education for teacher certification. PREREQUISITE: None.
37487 02:30PM 03:55PM IT Rm 117 T. Wallstrom
Lect Mon, Wed

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www.norcocollegebooksstore.com
HES-1 HEALTH SCIENCE 3 UNITS
8/31/16 to 12/14/16   Last Day to Add: 11/18/16
A basic study of various aspects of health including anatomy and physiology of the body, concepts of prevention, practical advises for healthy life style, treatments and cure of major diseases. This course satisfies the California requirement in drug, alcohol, tobacco and nutrition education for teacher certification. PREREQUISITE: None.
37488  06:00PM 09:10PM   WEQ Rm W6   V. Genian
Web Enh Lect Tues

HES-1 HEALTH SCIENCE 3 UNITS
9/2/16 to 12/9/16   Last Day to Add: 11/4/16
A basic study of various aspects of health including anatomy and physiology of the body, concepts of prevention, practical advises for healthy life style, treatments and cure of major diseases. This course satisfies the California requirement in drug, alcohol, tobacco and nutrition education for teacher certification. PREREQUISITE: None.
37492  10:30AM 02:35PM   IT Rm 101   M. Donovan
Web Enh Lect Fri

HES-1 HEALTH SCIENCE 3 UNITS
8/31/16 to 12/14/16   Last Day to Add: 11/18/16
A basic study of various aspects of health including anatomy and physiology of the body, concepts of prevention, practical advises for healthy life style, treatments and cure of major diseases. This course satisfies the California requirement in drug, alcohol, tobacco and nutrition education for teacher certification. PREREQUISITE: None.
37498  06:00PM 09:10PM   WEQ Rm W6   L. Patton
Web Enh Lect Wed

HIS-1 WORLD CIVILIZATIONS 1 3 UNITS
8/30/16 to 12/15/16   Last Day to Add: 11/18/16
Historical development of world societies from the time of human origins to the 16th century. PREREQUISITE: None. ADVISORY: REA-83 and qualification for ENG-1A.
37493  11:15AM 12:40PM   HUM Rm 103   S. Kyriakos
Lect Tues, Thur

HIS-34 HIST AMERICAN WOMEN 3 UNITS
8/30/16 to 12/13/16   Last Day to Add: 11/18/16
Political, social, and cultural institutions which have shaped the role and character of women in America. PREREQUISITE: None. ADVISORY: REA-83 and qualification for ENG-1A.
37494  06:00PM 09:10PM   HUM Rm 103   D. Reina
Web Enh Lect Tues

HIS-6 POL SOC HIST OF US 3 UNITS
9/2/16 to 12/9/16   Last Day to Add: 11/4/16
A history of the United States from Colonial time to 1877. PREREQUISITE: None. ADVISORY: REA-83 and qualification for ENG-1A.
37495  11:15AM 03:20PM   HUM Rm 103   H. Vion
Web Enh Lect Fri

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HIS-6 POL SOC HIST OF US 3 UNITS
8/29/16 to 12/12/16 Last Day to Add: 11/18/16
A history of the United States from Colonial time to 1877.
PREREQUISITE: None. ADVISORY: REA-83 and qualification for ENG-1A.
37497 08:45AM 10:10AM HUM Rm 103 T. Russell
Web Enh Lect Mon, Wed

HIS-6 POL SOC HIST OF US 3 UNITS
8/29/16 to 12/12/16 Last Day to Add: 11/18/16
A history of the United States from Colonial time to 1877.
PREREQUISITE: None. ADVISORY: REA-83 and qualification for ENG-1A.
37886 07:10AM 08:35AM HUM Rm 103 T. Russell
Web Enh Lect Mon, Wed

HIS-6 POL SOC HIST OF US 3 UNITS
8/30/16 to 12/13/16 Last Day to Add: 11/18/16
A history of the United States from Colonial time to 1877.
PREREQUISITE: None. ADVISORY: REA-83 and qualification for ENG-1A.
37498 06:00PM 09:10PM HUM Rm 103 M. Hickerson
Lect Mon

HIS-6 POL SOC HIST OF US 3 UNITS
9/1/16 to 12/15/16 Last Day to Add: 11/12/16
A history of the United States from Colonial time to 1877.
PREREQUISITE: None. ADVISORY: REA-83 and qualification for ENG-1A.
37887 06:00PM 09:10PM HUM Rm 103 H. Vion
Web Enh Lect Thur

HIS-6 POL SOC HIST OF US 3 UNITS
8/30/16 to 12/13/16 Last Day to Add: 11/18/16
A history of the United States from Colonial time to 1877.
PREREQUISITE: None. ADVISORY: REA-83 and qualification for ENG-1A.
37499 06:00PM 09:10PM WEQ Rm W4 H. Vion
Web Enh Lect Tues

HIS-6 POL SOC HIST OF US 3 UNITS
9/3/16 to 12/10/16 Last Day to Add: 11/12/16
A history of the United States from Colonial time to 1877.
PREREQUISITE: None. ADVISORY: REA-83 and qualification for ENG-1A.
37500 08:00AM 11:35AM HUM Rm 103 M. Hickerson
Lect Sat

HIS-6 POL SOC HIST OF US 3 UNITS
8/29/16 to 12/14/16
A history of the United States from Colonial time to 1877.
PREREQUISITE: None. ADVISORY: REA-83 and qualification for ENG-1A.
37497 08:45AM 10:10AM HUM Rm 103 T. Russell
Web Enh Lect Mon, Wed

HIS-6 POL SOC HIST OF US 3 UNITS
9/1/16 to 12/15/16 Last Day to Add: 11/18/16
A history of the United States from Colonial time to 1877.
PREREQUISITE: None. ADVISORY: REA-83 and qualification for ENG-1A.
37496 08:00AM 09:25AM HUM Rm 103 T. Russell
Web Enh Lect Tues, Thur

HIS-7 POL SOC HISTORY OF US 3 UNITS
8/29/16 to 12/12/16 Last Day to Add: 11/18/16
A history of the United States from Colonial time to 1877.
PREREQUISITE: None. ADVISORY: REA-83 and qualification for ENG-1A.
37500 08:00AM 11:35AM HUM Rm 103 M. Hickerson
Lect Sat

HIS-7 POL SOC HISTORY OF US 3 UNITS
8/29/16 to 12/12/16 Last Day to Add: 11/18/16
A history of the United States from 1877 to the present.
PREREQUISITE: None. ADVISORY: REA-83 and qualification for ENG-1A.
37501 06:00PM 09:10PM IT Rm 109 C. Day
Web Enh Lect Mon

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<th>Title</th>
<th>Units</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
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<tr>
<td>HIS-7</td>
<td>POL SOC HISTORY OF US</td>
<td>3</td>
<td>MWF</td>
<td>HUM Rm 103</td>
<td>T. Russell</td>
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A history of the United States from 1877 to the present.

PREREQUISITE: None. ADVISORY: REA-83 and qualification for ENG-1A.
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<th>Course Code</th>
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<th>Time</th>
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<th>Location</th>
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<td>HUM-10</td>
<td>WORLD RELIGIONS</td>
<td>3</td>
<td>04:15PM 05:40PM</td>
<td>Mon, Wed</td>
<td>IT Rm 109</td>
<td>L. Montes</td>
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<td>WORLD RELIGIONS</td>
<td>3</td>
<td>06:00PM 09:10PM</td>
<td>Mon</td>
<td>IT Rm 211N</td>
<td>N. Westbrook</td>
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<td>HUM-10</td>
<td>WORLD RELIGIONS</td>
<td>3</td>
<td>08:00AM 09:25AM</td>
<td>Tue, Thur</td>
<td>ATEC Rm 114</td>
<td>N. Westbrook</td>
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<td>WORLD RELIGIONS</td>
<td>3</td>
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<td>Fri</td>
<td>IT Rm 211L</td>
<td>Montes</td>
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<td>RELIGION IN AMERICA</td>
<td>3</td>
<td>12:45PM 02:10PM</td>
<td>Mon, Wed</td>
<td>WEQ Rm W7</td>
<td>J. Gill</td>
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<td>HUM-35</td>
<td>PHILOSOPHY OF RELIGION</td>
<td>3</td>
<td>10:30AM 02:35PM</td>
<td>Fri</td>
<td>ATEC Rm 205</td>
<td>N. Westbrook</td>
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<td>HUM-4</td>
<td>ARTS &amp; IDEAS: ANCIENT-MEDIEVAL</td>
<td>3</td>
<td>06:00PM 09:10PM</td>
<td>Wed</td>
<td>STEM Rm 115</td>
<td>D. Martin</td>
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<td>Start Date</td>
<td>Last Day to Add</td>
<td>Dates/Time/Location</td>
<td>Instructor(s)</td>
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</table>
| HUM-4H | HONORS ARTS & IDEAS: ANCIENT-MEDIEVAL  | 1 | 9/16/16 | 11/4/16 | Last Day to Add: 10/21/16 | Offers students in the Honors Program an enriched interdisciplinary study of the origins of movements in art, literature, music, philosophy and religion in Western civilization from ancient times to the medieval period. PREREQUISITE: None. ADVISORY: REA-83 and qualification for ENG-1A. LIMITATION ON ENROLLMENT: Enrollment in the Honors Program.  
37848 10:30AM 11:55AM  STEM Rm 125  
Web Enh Lect Mon, Wed | E. Heimlich |
| ILA-1  | INTRODUCTION TO TUTOR TRAINING | 1 | 9/16/16 | 11/4/16 | Last Day to Add: 10/21/16 | An introduction to the skills necessary for tutoring in the subject areas. Practical application of tutoring strategies, methodologies, learning styles, problem solving, and working with diverse student populations. PREREQUISITE: None. ADVISORY: Qualification for ENG-1A.  
37521 09:30AM 11:35AM  LIBR Rm 110  
Web Enh Lect Fri | R. Prior |
| JPN-1  | JAPANESE 1 | 5 | 8/29/16 | 12/15/16 | Last Day to Add: 11/18/16 | Develops basic skills in understanding, reading, communicating, and writing in Japanese. PREREQUISITE: None.  
37523 03:00PM 05:05PM  LIBR Rm 121  
Web Enh Lect Wed  
Web Enh Lect Mon  
05:15PM 06:05PM  Library Rm 121  
Web Enh Lab Tues | A. Dohr |
| JPN-1  | JAPANESE 1 | 5 | 8/29/16 | 12/15/16 | Last Day to Add: 11/18/16 | Develops basic skills in understanding, reading, communicating, and writing in Japanese. PREREQUISITE: None.  
37524 08:00AM 11:10AM  LIBR Rm 109  
Web Enh Lect Thur  
Web Enh Lect Tues  
10:15AM 11:05AM  Library Rm 121 | C. Deaiba-Yount |
| KIN-10 | INTRODUCTION TO KINESIOLOGY | 3 | 8/30/16 | 12/13/16 | Last Day to Add: 11/18/16 | The study of human movement, sub-disciplines in Kinesiology and career opportunities. PREREQUISITE: None.  
37525 06:00PM 09:10PM  WEQ Rm W3  
Lect Tues | H. Erdle |
| KIN-10 | INTRODUCTION TO KINESIOLOGY | 3 | 9/2/16 | 12/9/16 | Last Day to Add: 11/18/16 | The study of human movement, sub-disciplines in Kinesiology and career opportunities. PREREQUISITE: None.  
37829 10:30AM 02:35PM  WEQ Rm W3  
Lect Fri | I. Wicken |
| KIN-10 | INTRODUCTION TO KINESIOLOGY | 3 | 8/29/16 | 12/15/16 | Last Day to Add: 11/18/16 | The study of human movement, sub-disciplines in Kinesiology and career opportunities. PREREQUISITE: None.  
37526 04:15PM 06:45PM  WEQ Rm W3  
Lect Thur  
West End Quad Rm W3  
Lab Thur | J. Winn |
| KIN-16 | INTRODUCTION TO ATHLETIC TRAINING | 3 | 8/29/16 | 12/15/16 | Last Day to Add: 11/18/16 | Analyzes and applies basic concepts of athletic training with emphasis on care and prevention of athletic injuries. PREREQUISITE: None.  
37527 11:00AM 12:25PM  WEQ Rm W3  
Lect Mon, Wed | TBA |
| KIN-30 | FIRST AID AND CPR | 3 | 8/29/16 | 12/14/16 | Last Day to Add: 11/18/16 | Earn “National Safety Council Advanced First Aid” and “American Heart Association Healthcare Professional” certificates. First Aid and CPR fees totaling $20.00 will be charged to the student and are not covered by BOGW. Drop deadlines for non-payment apply. PREREQUISITE: None.  
37528 11:00AM 12:25PM  WEQ Rm W3  
Lect Mon, Wed | TBA |
KIN-30  FIRST AID AND CPR  3 UNITS  
8/29/16 to 11/9/16
Earn “National Safety Council Advanced First Aid” and “American Heart Association Healthcare Professional” certificates. First Aid and CPR fees totaling $20.00 will be charged to the student and are not covered by BOGW. Drop deadlines for non-payment apply. PREREQUISITE: None.
37528  06:00PM 09:10PM  WEQ Rm W3  
Lect Wed
J. McMains

KIN-35  FITNESS AND WELLNESS  3 UNITS  
8/29/16 to 11/9/16
Prepares students to take control of their personal health, physical fitness and overall wellness. PREREQUISITE: None.
37830  08:30AM 09:20AM  WEQ Rm W4  
Lect Mon
T. Wallstrom
West End Quad Rm W4
Lect Wed
09:45AM 11:10AM  West End Quad Rm W8

KIN-36  WELLNESS: LIFESTYLE CHOICES  3 UNITS  
8/30/16 to 12/15/16
Last Day to Add: 11/18/16
Studies the various dimensions of wellness as they relate to living a positive, healthy life. PREREQUISITE: None.
37529  09:40AM 11:05AM  WEQ Rm W3  
Lect Tues, Thur
03:00PM 06:10PM
B. Wimer

KIN-36  WELLNESS: LIFESTYLE CHOICES  3 UNITS  
8/30/16 to 12/15/16
Last Day to Add: 11/18/16
Studies the various dimensions of wellness as they relate to living a positive, healthy life. PREREQUISITE: None.
37530  11:15AM 12:40PM  WEQ Rm W3  
Lect Tues, Thur
08:00AM 10:05AM
B. Wimer

KIN-38  STRESS MANAGEMENT  3 UNITS  
8/29/16 to 11/9/16
Last Day to Add: 10/24/16
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.
37531  08:45AM 10:35AM  WEQ Rm W3  
Lect Mon, Wed
West End Quad Rm W2
Lab Mon, Wed

KIN-38  STRESS MANAGEMENT  3 UNITS  
8/29/16 to 11/9/16
Last Day to Add: 10/24/16
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.
37532  12:45PM 02:35PM  WEQ Rm W3  
Lect Mon, Wed
West End Quad Rm W2
Lab Mon, Wed

KIN-4  NUTRITION  3 UNITS  
8/30/16 to 12/15/16
Last Day to Add: 11/18/16
Principles of basic nutrition and their application to health and diseases. PREREQUISITE: None.
37533  08:00AM 09:25AM  WEQ Rm W7  
Lect Tues, Thur
07:00PM 08:25PM
T. Wallstrom

KIN-4  NUTRITION  3 UNITS  
8/30/16 to 12/15/16
Last Day to Add: 11/18/16
Principles of basic nutrition and their application to health and diseases. PREREQUISITE: None.
37534  09:40AM 11:05AM  WEQ Rm W7  
Lect Tues, Thur
T. Wallstrom

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KIN-4  NUTRITION  1 UNITS
8/29/16 to 12/14/16  Last Day to Add: 11/18/16
Principles of basic nutrition and their application to health and diseases. PREREQUISITE: None.
37535  11:15AM 12:40PM  WEQ Rm W7  V. Genian
         Lect Tues, Thur

KIN-A40  KARATE, BEGINNING  1 UNITS
8/29/16 to 12/14/16  Last Day to Add: 11/18/16
Develops basic skills needed for unarmed self-defense by using shifting, blocking, punching and kicking. PREREQUISITE: None.
37536  04:15PM 05:40PM  WEQ Rm W2  D. Namekata
         Lab Mon, Wed
         08:30AM 09:35AM

KIN-A41  KARATE, INTERMEDIATE  1 UNITS
8/29/16 to 12/14/16  Last Day to Add: 11/18/16
Reviews basic skills and develops intermediate level skills in karate and self-defense. PREREQUISITE: None. ADVISORY: Course is designed for students with proficient skills in blocking, shifting, punching, striking and kicking and the knowledge of basic katas or for those who have completed KIN-A40. †
37956  04:15PM 05:40PM  WEQ Rm W2  D. Namekata
         Lab Mon, Wed

KIN-A46  HATHA YOGA, BEGINNING  1 UNITS
8/30/16 to 12/15/16  Last Day to Add: 11/18/16
Develops physical and mental wellness by exercises for breathing, concentration, flexibility, strength and relaxation. PREREQUISITE: None.
37538  09:40AM 11:05AM  WEQ Rm W2  F. Stewart
         Lab Tues, Thur
         10:45AM 11:50AM

KIN-A46  HATHA YOGA, BEGINNING  1 UNITS
8/30/16 to 12/15/16  Last Day to Add: 11/18/16
Develops physical and mental wellness by exercises for breathing, concentration, flexibility, strength and relaxation. PREREQUISITE: None.
37539  08:00AM 09:25AM  WEQ Rm W2  F. Stewart
         Lab Tues, Thur
         02:45PM 03:50PM

KIN-A75A  WALKING FOR FITNESS: BEGINNING  1 UNITS
8/30/16 to 12/15/16  Last Day to Add: 11/18/16
Provides instruction in walking techniques and fitness, nutrition, and weight control as it relates to a walking program. PREREQUISITE: None.
37540  08:00AM 09:25AM  WEQ Rm W3  B. Wimer
         Lab Tues, Thur

KIN-A81A  PHYSICAL FITNESS, BEGINNING  1 UNITS
8/30/16 to 12/15/16
Provides beginning concepts for total fitness and develops personalized exercise programs for cardiovascular endurance, strength and flexibility. PREREQUISITE: None.
37971  02:30PM 03:55PM  WEQ Rm W8  M. Kassouf
         Lab Tues, Thur

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KIN-A81A  PHYSICAL FITNESS, BEGINNING  1 UNITS  
8/30/16 to 12/15/16  
Provides beginning concepts for total fitness and develops personalized exercise programs for cardiovascular endurance, strength and flexibility. PREREQUISITE: None.  
37972  06:00PM 07:25PM  WEQ Rm W8  M. Kassouf  
Lab Tues, Thur

KIN-A81A  PHYSICAL FITNESS, BEGINNING  1 UNITS  
8/30/16 to 12/15/16  
Provides beginning concepts for total fitness and develops personalized exercise programs for cardiovascular endurance, strength and flexibility. PREREQUISITE: None.  
37973  08:45AM 10:10AM  WEQ Rm W8  D. Bednarczyk  
Lab Tues, Thur

KIN-A83  KICKBOXING AEROBICS  1 UNITS  
8/30/16 to 12/15/16  
Develops muscular strength, flexibility and endurance with kickboxing aerobic activity and body conditioning exercises. PREREQUISITE: None.  
37544  04:15PM 05:40PM  WEQ Rm W2  M. Kassouf  
Lab Tues, Thur

LIB-1  INTRODUCTION INFORMATION LITERACY  1 UNITS  
8/29/16 to 12/15/16  
Last Day to Add: 10/10/16  
Presents the fundamentals of the effective use of libraries to find, evaluate, interpret, and organize information from a variety of formats. PREREQUISITE: None.  
37547  05:10PM 06:15PM  ATEC Rm 118  S. Seifried  
Hybr Mon  
TBA TBA

MAG-47  APPLIED BUSINESS, MANAGEMENT ETHICS  3 UNITS  
9/1/16 to 12/15/16  
Last Day to Add: 11/18/16  
An examination of ethical concerns including corporate, personal, global, environmental, public related issues, ethics audits, and corporate social responsibility. (Same as BUS-47) PREREQUISITE: None.  
37550  06:30PM 09:40PM  IT Rm 111  A. Riker  
Web Enh Lect Thur

MAG-51  ELEMENTS OF SUPERVISION  3 UNITS  
8/31/16 to 12/14/16  
Last Day to Add: 11/18/16  
Covers responsibilities of a supervisor in industry, including organization, employee relations and evaluations. PREREQUISITE: None.  
37552  06:30PM 09:40PM  JFK Rm 120  E. Davalos  
Web Enh Lect Wed

MAG-53  HUMAN RELATIONS  3 UNITS  
8/29/16 to 12/12/16  
Last Day to Add: 11/18/16  
Practical application of basic psychology in building better employer-employee relationships. PREREQUISITE: None.  
37553  06:30PM 09:40PM  IT Rm 208  E. Davalos  
Web Enh Lect Mon

MAN-38  GENERAL MACHINE SHOP  3 UNITS  
8/29/16 to 12/15/16  
This introductory course instructs students in the basic setup and operating of the lathe, mill, saw, drill press and grinder. Safety, blueprint reading, measurement, shop math, tool grinding, and speed and feed calculations also included. PREREQUISITE: None.  
37929  06:00PM 08:05PM  CACT Rm 2  K. Wils  
Lect Mon  
Lab Mon 06:00PM 08:05PM  CACT Rm 2  
Lab Wed
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<th>Last Day to Add:</th>
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<th>Prerequisites</th>
<th>Instructor</th>
<th>Days and Times</th>
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<td>MAN-39</td>
<td>MACHINE SHOP THEORY</td>
<td>2</td>
<td>8/29/16 to 9/16/16</td>
<td></td>
<td>The basic cutting concepts of machine tools are described and applied emphasizing safe work practices and rules related to machine tool operations. †PREREQUISITE: None.</td>
<td></td>
<td>K. Wils</td>
<td>Wed</td>
<td>CACT Rm 2</td>
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<tr>
<td>MAN-55</td>
<td>OSHA STANDARDS FOR INDUSTRY</td>
<td>2</td>
<td>8/29/16 to 9/16/16</td>
<td></td>
<td>OSHA policies, procedures and standards, as well as safety for general industry and health principles. Topics include scope and application of the OSHA standards for general industry. PREREQUISITE: None.</td>
<td></td>
<td>K. Mosley</td>
<td>Mon, Tues, Wed, Thur, Fri</td>
<td>IT Rm 124</td>
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<td>MAN-57</td>
<td>CNC PROGRAM WRITING</td>
<td>3</td>
<td>8/29/16 to 12/15/16</td>
<td>Last Day to Add: 11/18/16</td>
<td>Introduction to manual CNC program writing including hands-on experience with CNC machine tools. †PREREQUISITE: None.</td>
<td></td>
<td>P. Van Hulle</td>
<td>Tues</td>
<td>CACT Rm 2</td>
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<tr>
<td>MAN-64</td>
<td>PROGRAMMABLE LOGIC CONTR</td>
<td>3</td>
<td>8/29/16 to 12/15/16</td>
<td>Last Day to Add: 11/18/16</td>
<td>Fundamentals of Programmable Logic Controllers (PLCs). Programming, operation, installation, maintenance, troubleshooting and repair of PLC systems. †(Same as ELE-64) PREREQUISITE: None. ADVISORY: ELE-10 or 21.</td>
<td></td>
<td>G. Graham</td>
<td>Tues, Thur</td>
<td>IT Rm 124</td>
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<td>MAT-10</td>
<td>PRECALCULUS</td>
<td>4</td>
<td>8/29/16 to 12/14/16</td>
<td>Last Day to Add: 11/18/16</td>
<td>College-level algebra and trigonometry preparation for calculus. PREREQUISITE: MAT-36 or qualifying placement level.</td>
<td></td>
<td>TBA</td>
<td>Mon, Wed</td>
<td>STEM Rm 201</td>
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<td>MAT-10</td>
<td>PRECALCULUS</td>
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<td>8/30/16 to 12/15/16</td>
<td></td>
<td>College-level algebra and trigonometry preparation for calculus. PREREQUISITE: MAT-36 or qualifying placement level.</td>
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<td>J. Mulari</td>
<td>Mon, Wed</td>
<td>LIBR Rm 108</td>
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<td>MAT-10</td>
<td>PRECALCULUS</td>
<td>4</td>
<td>8/30/16 to 12/15/16</td>
<td></td>
<td>College-level algebra and trigonometry preparation for calculus. PREREQUISITE: MAT-36 or qualifying placement level.</td>
<td></td>
<td>C. Sardan</td>
<td>Tues, Thur</td>
<td>ATEC Rm 210</td>
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MAT-11 COLLEGE ALGEBRA  4 UNITS
8/29/16 to 12/14/16 Last Day to Add: 11/18/16
College-level algebra. †PREREQUISITE: MAT-35 or qualifying placement level.
37562 03:00PM 05:05PM HUM Rm 102 J. Basinger
Lect Mon, Wed

MAT-11 COLLEGE ALGEBRA  4 UNITS
8/29/16 to 12/14/16 Last Day to Add: 11/18/16
College-level algebra. †PREREQUISITE: MAT-35 or qualifying placement level.
37563 05:30PM 07:35PM HUM Rm 102 H. Stark
Lect Mon, Wed

MAT-11 COLLEGE ALGEBRA  4 UNITS
8/29/16 to 12/14/16 Last Day to Add: 11/18/16
College-level algebra. †PREREQUISITE: MAT-35 or qualifying placement level.
37564 07:20AM 09:25AM WEQ Rm W6 J. Mulari
Lect Tues, Thur
08:15PM 09:05PM

MAT-11 COLLEGE ALGEBRA  4 UNITS
8/30/16 to 12/15/16 Last Day to Add: 11/18/16
College-level algebra. †PREREQUISITE: MAT-35 or qualifying placement level.
37565 02:00PM 04:05PM WEQ Rm W6 S. Park
Lect Tues, Thur
03:35PM 04:40PM

MAT-12 STATISTICS  4 UNITS
8/29/16 to 12/15/16 Last Day to Add: 11/18/16
A study of statistical methods and their application to hypothesis testing and estimation of population parameters. PREREQUISITE: MAT-35 or qualifying placement level.
37566 04:15PM 06:20PM LIBR Rm 108 S. Park
Lect Tues, Thur

MAT-12 STATISTICS  4 UNITS
8/29/16 to 12/15/16 Last Day to Add: 11/18/16
A study of statistical methods and their application to hypothesis testing and estimation of population parameters. PREREQUISITE: MAT-35 or qualifying placement level.
37567 10:30AM 12:35PM ATEC Rm 119 J. Mulari
Lect Mon, Wed
03:35PM 04:40PM
MAT-12 STATISTICS  
8/30/16 to 12/15/16  
Last Day to Add: 11/18/16
A study of statistical methods and their application to hypothesis testing and estimation of population parameters. PREREQUISITE: MAT-35 or qualifying placement level.
37570 10:30AM 12:30PM WEQ Rm W7  A. Robles
Web Enh Lect Mon, Wed

MAT-12 STATISTICS  
8/29/16 to 12/14/16  
Last Day to Add: 11/18/16
A study of statistical methods and their application to hypothesis testing and estimation of population parameters. PREREQUISITE: MAT-35 or qualifying placement level.
37571 02:00PM 04:05PM WEQ Rm W7  A. Robles
Web Enh Lect Tues, Thur

MAT-12 STATISTICS  
8/29/16 to 12/14/16  
Last Day to Add: 11/18/16
A study of statistical methods and their application to hypothesis testing and estimation of population parameters. PREREQUISITE: MAT-35 or qualifying placement level.
37572 06:30PM 08:35PM ATEC Rm 114  TBA
Web Enh Lect Mon, Wed

MAT-12 STATISTICS  
8/30/16 to 12/15/16  
Last Day to Add: 11/18/16
A study of statistical methods and their application to hypothesis testing and estimation of population parameters. PREREQUISITE: MAT-35 or qualifying placement level.
37832 03:00PM 05:05PM WEQ Rm W5  TBA
Lect Mon, Wed

MAT-12 STATISTICS  
8/29/16 to 12/14/16  
Last Day to Add: 11/18/16
A study of statistical methods and their application to hypothesis testing and estimation of population parameters. PREREQUISITE: MAT-35 or qualifying placement level.
37833 08:15AM 10:20AM WEQ Rm W4  P. Singh
Lect Tues, Thur
TBA TBA

MAT-12 STATISTICS  
9/2/16 to 12/9/16  
Last Day to Add: 11/18/16
A study of statistical methods and their application to hypothesis testing and estimation of population parameters. PREREQUISITE: MAT-35 or qualifying placement level.
37834 08:30AM 11:00AM WEQ Rm W6  N. Alvarado
Hybr Fri.
TBA TBA  TBA TBA
Online

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### MAT-1A  CALCULUS I  4 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Differentiation with applications and basic integration.
PREREQUISITE: MAT-10 or qualifying placement level.
37575 02:00PM - 04:05PM  STEM Rm 115  J. Mulari
Lect Tues, Thur
Lab Tues
37576 07:45PM - 09:50PM  ATEC Rm 211  A. Thomas
Lect Mon
Lect Wed
06:35PM - 07:40PM  ATEC Rm 211

### MAT-1B  CALCULUS II  4 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Integration, applications of integration, series, parametric equations, and polar coordinates. PREREQUISITE: MAT-1A.
37579 05:30PM - 07:35PM  ATEC Rm 210  TBA
Web Enh Lect Mon, Wed
Lab Tues
Web Enh Lab Mon

### MAT-1C  CALCULUS III  4 UNITS
8/30/16 to 12/15/16  Last Day to Add: 11/18/16
Vectors, partial differentiation, and multiple integrals with applications. PREREQUISITE: MAT-1B.
37580 09:40AM - 11:45AM  HUM Rm 102  B. Johnson
Lect Tues, Thur

### MAT-2  DIFFERENTIAL EQUATIONS  4 UNITS
8/30/16 to 12/15/16  Last Day to Add: 11/18/16
Introduction to differential equations and their applications. PREREQUISITE: MAT-1B.
37581 08:15AM - 10:20AM  STEM Rm 115  A. Robles
Lect Tues, Thur

### MAT-25  MATHEMATICS FOR THE LIBERAL ARTS STUDENT  3 UNITS
8/29/16 to 12/14/16  Last Day to Add: 11/18/16
A college-level course designed for students majoring in liberal arts, education, or communication. PREREQUISITE: MAT-35 or qualifying placement level.
37582 08:45AM - 10:10AM  ATEC Rm 210  J. Frewing
Lect Mon, Wed
TBA TBA
MAT-3  LINEAR ALGEBRA  3 UNITS
8/30/16 to 12/15/16   Last Day to Add: 11/18/16
Introduction to matrix algebra with vector spaces and linear transformations. PREREQUISITE: MAT-1B.
37583  02:00PM 03:25PM  LIBR Rm 108  J. Parks
Lect Tues, Thur
04:10PM 05:15PM

MAT-32  INTRODUCTION TO SYMBOLIC LOGIC  3 UNITS
8/30/16 to 12/15/16   Last Day to Add: 11/18/16
Principles of deductive reasoning applying modern symbolic techniques. (Same as PHI-32) PREREQUISITE: None. LIMITATION ON ENROLLMENT: May not be taken if credit for PHI-32 has been granted.
37584  02:00PM 03:35PM  ATEC Rm 119  J. Sentmanat
Web Enh Lect Tues, Thur
07:45PM 09:50PM

MAT-35  INTERMEDIATE ALGEBRA  5 UNITS
8/29/16 to 12/14/16   Last Day to Add: 11/18/16
Algebra preparation for college-level mathematics. PREREQUISITE: MAT-52 or qualifying placement level.
37585  06:00PM 08:30PM  ATEC Rm 204  J. DeGuzman
Lect Mon, Wed
08:30AM 09:35AM

MAT-35  INTERMEDIATE ALGEBRA  5 UNITS
8/29/16 to 12/14/16   Last Day to Add: 11/18/16
Algebra preparation for college-level mathematics. PREREQUISITE: MAT-52 or qualifying placement level.
37587  03:00PM 05:30PM  WEQ Rm W4  S. Lee
Lect Mon, Wed
07:40PM 08:45PM

MAT-35  INTERMEDIATE ALGEBRA  5 UNITS
8/29/16 to 12/14/16   Last Day to Add: 11/18/16
Algebra preparation for college-level mathematics. PREREQUISITE: MAT-52 or qualifying placement level.
37588  06:00PM 08:30PM  IT Rm 101  S. Lee
Lect Mon, Wed
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MAT-35  INTERMEDIATE ALGEBRA  5 UNITS
8/29/16 to 12/14/16   Last Day to Add: 11/18/16
Algebra preparation for college-level mathematics. PREREQUISITE: MAT-52 or qualifying placement level.
37589  07:00AM 09:30AM  ATEC Rm 119  M. Zeller
Lect Tues, Thur
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Algebra preparation for college-level mathematics. PREREQUISITE: MAT-52 or qualifying placement level.
37590  08:45AM 10:10AM  IT Rm 117B  B. Johnson
Hybr Mon, Wed
08:45AM 10:10AM

MAT-35  INTERMEDIATE ALGEBRA  5 UNITS
8/29/16 to 12/15/16   Last Day to Add: 11/18/16
Algebra preparation for college-level mathematics. PREREQUISITE: MAT-52 or qualifying placement level.
37591  02:40PM 05:10PM  WEQ Rm W7  S. Park
Lect Mon, Wed
11:50AM 12:55PM

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#### Description
Algebra preparation for college-level mathematics. PREREQUISITE: MAT-52 or qualifying placement level.

#### Schedule
- **8/30/16 to 12/15/16**
- Last Day to Add: 11/18/16

### MAT-35 INTERMEDIATE ALGEBRA

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#### Description
Algebra preparation for college-level mathematics. PREREQUISITE: MAT-52 or qualifying placement level.

#### Schedule
- **8/30/16 to 12/15/16**
- Last Day to Add: 11/18/16

### MAT-35 INTERMEDIATE ALGEBRA

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#### Description
Algebra preparation for college-level mathematics. PREREQUISITE: MAT-52 or qualifying placement level.

#### Schedule
- **8/30/16 to 12/15/16**
- Last Day to Add: 11/18/16

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#### Description
Hybr Tues, Thur

#### Schedule
- **8/30/16 to 12/15/16**
- Last Day to Add: 11/18/16

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Algebra preparation for college-level mathematics. PREREQUISITE: MAT-52 or qualifying placement level.

#### Schedule
- **8/29/16 to 12/14/16**
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- **8/29/16 to 12/14/16**
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Lect Mon, Wed

#### Schedule
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<td>Designed as a transition from arithmetic to elementary algebra. (Non-degree credit course.) PREREQUISITE: MAT-63 or 90C.</td>
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<td>37632 04:15PM 05:40PM IT Rm 101 S. Hashemi  Lect Mon, Wed</td>
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<tr>
<td>MAT-55</td>
<td>COLLEGE GEOMETRY</td>
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<td>8/30/16</td>
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<td>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.</td>
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<td>37634 06:00PM 08:30PM WEQ Rm W4 S. Hashemi  Lect Mon, Wed 07:10AM 08:20AM</td>
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<tr>
<td>MAT-64</td>
<td>ARITHMETIC &amp; PRE-ALGEBRA</td>
<td>5</td>
<td>8/29/16</td>
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<td>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.</td>
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<td>37635 12:45PM 02:20PM ATEC Rm 210 B. Nguyen  Lect Mon, Wed, Fri</td>
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<tr>
<td>MAT-65</td>
<td>ARITHMETIC &amp; PRE-ALGEBRA</td>
<td>5</td>
<td>8/29/16</td>
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<td>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.</td>
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<td>37636 07:00AM 08:35AM ATEC Rm 210 TBA  Lect Mon, Wed, Fri</td>
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</table>
MAT-65  ARITHMETIC & PRE-ALGEBRA  5 UNITS  
8/29/16 to 12/14/16  Last Day to Add: 11/18/16  
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.  
37637  08:15AM 09:25AM ATEC Rm 211  S. Park  
Lect Mon, Tues, Wed, Thur  

MAT-65  ARITHMETIC & PRE-ALGEBRA  5 UNITS  
8/29/16 to 12/14/16  Last Day to Add: 11/18/16  
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.  
37638  10:30AM 12:05PM ATEC Rm 204  F. Gelenchi  
Lect Mon, Wed, Fri  

MAT-65  ARITHMETIC & PRE-ALGEBRA  5 UNITS  
8/29/16 to 12/14/16  Last Day to Add: 11/18/16  
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.  
37639  05:30PM 06:55PM ATEC Rm 211  E. Chung  
Hybr Tues, Thur  
TBA TBA  

MIC-1  MICROBIOLOGY  4 UNITS  
8/29/16 to 12/15/16  Last Day to Add: 11/18/16  
General characteristics of microbes with emphasis on their control and role in disease. PREREQUISITE: †CHE-2A or 3 and one of the following: AMY-2A, BIO-1, 1H, or 11.  
37643  08:45AM 10:10AM ST Rm 203  M. Gutierrez  
Web Enh Lect Mon, Wed  
ST Rm 203  Web Enh Lab Mon, Wed  

MAT-65  ARITHMETIC & PRE-ALGEBRA  5 UNITS  
8/30/16 to 12/15/16  Last Day to Add: 11/18/16  
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.  
37640  06:00PM 08:30PM ATEC Rm 204  K. Baccari  
Lect Tues, Thur  

MAT-65  ARITHMETIC & PRE-ALGEBRA  5 UNITS  
8/30/16 to 12/15/16  Last Day to Add: 11/18/16  
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.  
37641  10:30AM 12:05PM WEQ Rm W5  L. Ting  
Lect Mon, Wed, Fri  

MIC-1  MICROBIOLOGY  4 UNITS  
8/30/16 to 12/15/16  Last Day to Add: 11/18/16  
General characteristics of microbes with emphasis on their control and role in disease. PREREQUISITE: †CHE-2A or 3 and one of the following: AMY-2A, BIO-1, 1H, or 11.  
37644  06:00PM 07:25PM IT Rm 117B  Moore  
Web Enh Lect Mon, Wed  
ST Rm 203  Web Enh Lab Mon, Wed  

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### MIC-1  MICROBIOLOGY 3 UNITS
8/30/16 to 12/13/16  
Last Day to Add: 11/18/16
General characteristics of microbes with emphasis on their control and role in disease. PREREQUISITE: †CHE-2A or 3 and one of the following: AMY-2A, BIO-1, 1H, or 11.

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<td>ST Rm 203</td>
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<td>Web Enh Lab Mon, Wed</td>
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</table>

### MUS-3  MUSIC FUNDAMENTALS 4 UNITS
8/29/16 to 12/15/16  
Last Day to Add: 11/18/16
Basic course in music including notation, rhythm, pitch, keys, scales, intervals, chords and music terminology. PREREQUISITE: None. ADVISORY: Concurrent enrollment in an appropriate level piano class.

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<tr>
<th>Class Code</th>
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<th>Instructor</th>
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<tr>
<td>37661</td>
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<td>HUM Rm 101</td>
<td>K. Kamerin</td>
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### MKT-20  PRINC OF MARKETING 3 UNITS
8/30/16 to 12/13/16  
Last Day to Add: 11/18/16
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.

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<th>Class Code</th>
<th>Time</th>
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<th>Instructor</th>
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<td>37645</td>
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<td>JFK Rm 112</td>
<td>M. Ferguson</td>
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<td>Web Enh Lect Tues</td>
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### MUS-30  CLASS VOICE 1 UNITS
8/30/16 to 12/15/16  
Last Day to Add: 11/18/16
Group study of vocal production, voice technique, diction and interpretation. PREREQUISITE: None.

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<th>Class Code</th>
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<td>37662</td>
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### MUS-19  MUSIC APPRECIATION 3 UNITS
8/29/16 to 12/14/16  
Last Day to Add: 11/18/16
A survey of music in the Western world focused on listening, including terminology for describing musical elements, forms, styles, and the roles of music and musicians in society. PREREQUISITE: None.

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<th>Class Code</th>
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### MUS-32A  CLASS PIANO I 1 UNITS
8/29/16 to 12/14/16  
Last Day to Add: 11/21/16
Beginning course in developing the skills needed for performing on piano, including reading from music notation. PREREQUISITE: None.

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<th>Class Code</th>
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### MUS-32B  CLASS PIANO II 1 UNITS
8/29/16 to 12/14/16  
Last Day to Add: 11/21/16
Skills development in playing select major and minor scales, primary triad progressions, harmonizing easy melodies, transposing to closely related keys, sight reading easy pieces, and performing simple piano pieces. PREREQUISITE: MUS-32A or the equivalent.

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<tr>
<th>Class Code</th>
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<th>Instructor</th>
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<td>37664</td>
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<td>N. Pirozzi</td>
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MUS-32C  CLASS PIANO III  1 UNITS
8/29/16 to 12/14/16
Focus on playing major and minor scales starting on black keys, arpeggios, harmonizing melodies with accompaniment patterns, sight reading and transposing simple pieces, and performing intermediate piano learning pieces and ensembles from open score.
PREREQUISITE: MUS-32B or the equivalent.
37665  02:30PM 03:55PM  HUM Rm 101  N. Pirozzi
   Lab Mon, Wed
   04:15PM 05:40PM

MUS-32D  CLASS PIANO IV  1 UNITS
8/29/16 to 12/14/16
Focus on playing all major and minor scales and arpeggios, two octaves, hands together, diatonic chord progressions, harmonizing melodies, transposing and sight reading pieces of moderate difficulty, accompanying for a soloist, score reading pieces of moderate difficulty, and performing piano pieces in contrasting styles.
PREREQUISITE: MUS-32C or the equivalent.
37664  02:30PM 03:55PM  HUM Rm 101  N. Pirozzi
   Lab Mon, Wed

MUS-37  CLASS GUITAR  1 UNITS
8/29/16 to 12/14/16
Basic guitar playing skills including reading from music notation.
PREREQUISITE: None.
37967  04:20PM 05:45PM  THTR Rm 204  B. Palispis
   Lab Mon, Wed

MUS-5  MUSIC THEORY II  4 UNITS
8/29/16 to 12/15/16
Principles of voice leading of the Common Practice period including diatonic and chromatic harmony. PREREQUISITE: MUS-4 or the equivalent. ADVISORY: Concurrent enrollment in an appropriate level piano class.
37964  07:45AM 09:10AM  HUM Rm 101  K. Kamerin
   Web Enh Lect Mon, Wed
   09:15AM 10:35AM  HM Rm 101
   Web Enh Lab Mon, Wed

MUS-65  BASIC MUSICIANSHIP  2 UNITS
8/29/16 to 12/15/16
Last Day to Add: 11/18/16
An introduction to the basic knowledge and skills necessary to develop the ability to read music. PREREQUISITE: None
37669  08:00AM 08:50AM  HUM Rm 101  TBA
   Lect Tues
   09:30AM 10:55AM  HM Rm 101
   Lect Thur

PHI-10  INTRO TO PHILOSOPHY  3 UNITS
8/29/16 to 12/12/16
Last Day to Add: 11/18/16
Introduction to the major questions of Western philosophy and their answers. PREREQUISITE: None. ADVISORY: ENG-50 or 80.
37672  06:00PM 09:10PM  WEQ Rm W7  J. Tyndal
   Web Enh Lect Mon

PHI-10  INTRO TO PHILOSOPHY  3 UNITS
8/29/16 to 12/14/16
Last Day to Add: 11/18/16
Introduction to the major questions of Western philosophy and their answers. PREREQUISITE: None. ADVISORY: ENG-50 or 80.
37673  08:00AM 09:25AM  HUM Rm 102  J. Sentmanat
   Web Enh Lect Tues, Thur

PHI-10  INTRO TO PHILOSOPHY  3 UNITS
8/29/16 to 12/14/16
Last Day to Add: 11/18/16
Introduction to the major questions of Western philosophy and their answers. PREREQUISITE: None. ADVISORY: ENG-50 or 80.
37674  02:30PM 03:55PM  IT Rm 101  T. Farmer
   Web Enh Lect Mon, Wed

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# PHI-10  INTRO TO PHILOSOPHY  
3 UNITS  
9/1/16 to 12/15/16  
Last Day to Add: 11/18/16  
Introduction to the major questions of Western philosophy and their answers. PREREQUISITE: None. ADVISORY: ENG-50 or 80.  
37676  04:15PM 05:40PM  JFK Rm 116  
J. Tyndal  
Web Enh Lect Mon, Wed  

# PHI-10  INTRO TO PHILOSOPHY  
3 UNITS  
8/30/16 to 12/15/16  
Last Day to Add: 11/18/16  
Introduction to the major questions of Western philosophy and their answers. PREREQUISITE: None. ADVISORY: ENG-50 or 80.  
37677  06:00PM 09:10PM  ATEC Rm 114  
Y. Cho  
Web Enh Lect Thur  

# PHI-11  CRITICAL THINKING  
3 UNITS  
8/30/16 to 12/15/16  
Last Day to Add: 11/18/16  
Introduction to critical thinking as it relates to everyday experience and general knowledge. PREREQUISITE: None. ADVISORY: REA-82.  
37679  11:15AM 12:40PM  IT Rm 210  
J. Gill  
Web Enh Lect Tues, Thur  
08:00AM 09:05AM  

# PHI-11  CRITICAL THINKING  
3 UNITS  
8/31/16 to 12/14/16  
Last Day to Add: 11/18/16  
Introduction to critical thinking as it relates to everyday experience and general knowledge. PREREQUISITE: None. ADVISORY: REA-82.  
37680  06:00PM 09:10PM  JFK Rm 112  
L. Montes  
Web Enh Lect Wed  

# PHI-11  CRITICAL THINKING  
3 UNITS  
8/30/16 to 12/15/16  
Last Day to Add: 11/18/16  
Introduction to critical thinking as it relates to everyday experience and general knowledge. PREREQUISITE: None. ADVISORY: REA-82.  
37681  12:45PM 02:10PM  LIBR Rm 108  
J. Sentmanat  
Web Enh Lect Mon, Wed  

# PHI-12  ETHICS: CONTEMP MORAL ISSUES  
3 UNITS  
8/29/16 to 12/14/16  
Last Day to Add: 11/18/16  
An examination of contemporary moral problems in light of ethical theory. PREREQUISITE: None.  
37682  02:00PM 03:35PM  ATEC Rm 119  
J. Sentmanat  
Web Enh Lect Tues, Thur  
09:30AM 10:55AM  

# PHI-32  INTRODUCTION TO SYMBOLIC LOGIC  
3 UNITS  
8/30/16 to 12/15/16  
Last Day to Add: 11/18/16  
Principles of deductive reasoning applying modern symbolic techniques. (Same as MAT-32) PREREQUISITE: None. LIMITATION ON ENROLLMENT: May not be taken if credit for MAT-32 has been granted.  
37683  10:30AM 11:55AM  LIBR Rm 108  
J. Sentmanat  
Web Enh Lect Mon, Wed  
09:30AM 10:55AM
PHI-35  PHILOSOPHY OF RELIGION  3 UNITS
8/30/16 to 12/15/16   Last Day to Add: 11/18/16
An examination of religious and faith claims from a philosophical perspective. (Same as HUM-35) PREREQUISITE: None. ADVISORY: PHI-10 or 10H or 11 and REA-83 and qualification for ENG-1A.
37683  10:30AM 02:35PM  ATEC Rm 205  N. Westbrook
Web Enh Lect Fri

PHY-11 PHYSICS LAB  1 UNITS
9/1/16 to 12/15/16   Last Day to Add: 11/18/16
A laboratory for the non-science major with emphasis on lab techniques. Student experimentation and demonstrations. PREREQUISITE: None. COREQUISITE: PHY-10.
37687  06:00PM 09:10PM  HUM Rm 201  TBA
Lab Thur

PHS-1  INTRO PHYSICAL SCI  3 UNITS
8/30/16 to 12/15/16   Last Day to Add: 11/18/16
Descriptive survey of the physical sciences: astronomy, geology, physics, chemistry as they relate to daily living. PREREQUISITE: None.
37684  08:00AM 09:25AM  HUM Rm 201  D. Johnson
Lect Tues, Thur

PHY-2B  GENERAL PHYSICS II  4 UNITS
8/29/16 to 12/15/16
Study of thermodynamics, electricity, and magnetism, optics and modern physics. PREREQUISITE: PHY-2A.
37845  09:40AM 11:05AM  HUM Rm 201  P. Tran
Web Enh Lect Tues, Thur
HM Rm 201
Web Enh Lab Thur

PHY-10 INTRODUCTION TO GENERAL PHYSICS  3 UNITS
8/29/16 to 12/14/16   Last Day to Add: 11/18/16
Introduces study of mechanics, matter, heat, sound light, electricity, magnetism, and nuclear physics. PREREQUISITE: MAT-52.
37685  06:00PM 07:25PM  HUM Rm 201  TBA
Lect Mon, Wed

PHY-4A  MECHANICS  4 UNITS
8/29/16 to 12/15/16   Last Day to Add: 11/18/16
The study of the relationships among force, matter, and motion. PREREQUISITE: None. COREQUISITE: MAT-1A.
37688  08:45AM 10:10AM  HUM Rm 201  P. Tran
Web Enh Lect Mon, Wed
HM Rm 201
Web Enh Lab Wed

PHY-10 INTRODUCTION TO GENERAL PHYSICS  3 UNITS
8/30/16 to 12/15/16   Last Day to Add: 11/18/16
Introduces study of mechanics, matter, heat, sound light, electricity, magnetism, and nuclear physics. PREREQUISITE: MAT-52.
37686  04:15PM 05:40PM  IT Rm 101  TBA
Lect Tues, Thur

PHY-4C  HEAT, LIGHT AND WAVES  4 UNITS
8/29/16 to 12/15/16   Last Day to Add: 11/18/16
The study of waves, thermodynamics, geometric and physical optics, and fluid mechanics. PREREQUISITE: PHY-4A. COREQUISITE: MAT-1B.
37689  10:30AM 11:55AM  HUM Rm 201  P. Tran
Web Enh Lect Mon, Wed
HM Rm 201
Web Enh Lab Mon

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<td>POL-1</td>
<td>AMERICAN POLITICS</td>
<td>3</td>
<td>8/30/16 to 12/13/16</td>
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<td>The principles, institutions, policies, and critical issues in American politics. PREREQUISITE: None. ADVISORY: REA-83 and qualification for ENG-1A.</td>
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<td>The principles, institutions, policies, and critical issues in American politics. PREREQUISITE: None. ADVISORY: REA-83 and qualification for ENG-1A.</td>
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POL-1  AMERICAN POLITICS  3 UNITS  
8/31/16 to 12/14/16 Last Day to Add: 11/18/16 
The principles, institutions, policies, and critical issues in American politics. PREREQUISITE: None. ADVISORY: REA-83 and qualification for ENG-1A.
37699  06:00PM 09:10PM  THTR Rm 101 TBA  Web Enh Lect Mon

POL-1  AMERICAN POLITICS  3 UNITS  
8/30/16 to 12/15/16 Last Day to Add: 11/18/16 
The principles, institutions, policies, and critical issues in American politics. PREREQUISITE: None. ADVISORY: REA-83 and qualification for ENG-1A.
37700  06:00PM 09:10PM  ATEC Rm 211 S. Popiden  Web Enh Lect Wed

POL-13 INTRO AMERICAN FOREIGN POLICY 3 UNITS  
8/29/16 to 12/14/16 
A survey of American foreign policy examining institutions, historical policies, ideologies and interests. PREREQUISITE: None. ADVISORY: Qualification for ENG-1A.
37877  02:40PM 04:05PM  WEQ Rm W3 C. Mahon  Web Enh Lect Mon, Wed

POL-4 INTRODUCTION TO WORLD POLITICS 3 UNITS  
8/30/16 to 12/15/16 Last Day to Add: 11/18/16 
A study of the paradigms, theories, institutions, and issues of international political economy and world politics. PREREQUISITE: None. ADVISORY: REA-83 and qualification for ENG-1A.
37705  09:40AM 11:05AM  IT Rm 122 S. Popiden  Web Enh Lect Tues, Thur

PSY-1 GENERAL PSYCHOLOGY  3 UNITS 
9/2/16 to 12/9/16 Last Day to Add: 11/4/16 
Survey of scientific study of behavior and mental processes, including learning, emotion, motivation, emotional problems and therapy. PREREQUISITE: None.
37706  11:15AM 03:20PM  IT Rm 122  J. Hicks  Web Enh Lect Fri
PSY-1  GENERAL PSYCHOLOGY  3 UNITS
8/29/16 to 12/14/16  Last Day to Add: 11/18/16
Survey of scientific study of behavior and mental processes, including
learning, emotion, motivation, emotional problems and therapy.
PREREQUISITE: None.
37707  08:00AM 09:25AM  IT Rm 117L. Adams
       Hybr Tues
       TBA TBA
       Online

PSY-1  GENERAL PSYCHOLOGY  3 UNITS
8/29/16 to 12/14/16  Last Day to Add: 11/18/16
Survey of scientific study of behavior and mental processes, including
learning, emotion, motivation, emotional problems and therapy.
PREREQUISITE: None.
37708  10:30AM 11:55AM  WEQ Rm W6
       Web Enh Lect Mon, Wed
       TBA

PSY-1  GENERAL PSYCHOLOGY  3 UNITS
8/29/16 to 12/14/16  Last Day to Add: 11/18/16
Survey of scientific study of behavior and mental processes, including
learning, emotion, motivation, emotional problems and therapy.
PREREQUISITE: None.
37709  08:00AM 09:25AM  IT Rm 117L. Adams
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       TBA TBA
       Online

PSY-1  GENERAL PSYCHOLOGY  3 UNITS
8/30/16 to 12/15/16  Last Day to Add: 11/18/16
Survey of scientific study of behavior and mental processes, including
learning, emotion, motivation, emotional problems and therapy.
PREREQUISITE: None.
37710  11:15AM 12:40PM  WEQ Rm W5
       Web Enh Lect Tues, Thur
       TBA

PSY-1  GENERAL PSYCHOLOGY  3 UNITS
8/30/16 to 12/15/16  Last Day to Add: 11/18/16
Survey of scientific study of behavior and mental processes, including
learning, emotion, motivation, emotional problems and therapy.
PREREQUISITE: None.
37711  02:30PM 03:55PM  IT Rm 122
       Web Enh Lect Mon, Wed
       B. Adams

PSY-1  GENERAL PSYCHOLOGY  3 UNITS
8/30/16 to 12/15/16  Last Day to Add: 11/18/16
Survey of scientific study of behavior and mental processes, including
learning, emotion, motivation, emotional problems and therapy.
PREREQUISITE: None.
37712  04:15PM 05:40PM  WEQ Rm W7
       Web Enh Lect Tues, Thur
       TBA

PSY-1  GENERAL PSYCHOLOGY  3 UNITS
9/1/16 to 12/15/16  Last Day to Add: 11/18/16
Survey of scientific study of behavior and mental processes, including
learning, emotion, motivation, emotional problems and therapy.
PREREQUISITE: None.
37713  06:00PM 09:10PM  ATEC Rm 205
       Web Enh Lect Thur
       K. Norton

PSY-1  GENERAL PSYCHOLOGY  3 UNITS
8/30/16 to 12/15/16  Last Day to Add: 11/18/16
Survey of scientific study of behavior and mental processes, including
learning, emotion, motivation, emotional problems and therapy.
PREREQUISITE: None.
37715  09:40AM 11:05AM  WEQ Rm W6
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       J. Zeeb
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PSY-9 DEVELOPMENTAL PSYCH 3 UNITS
8/29/16 to 12/14/16  Last Day to Add: 11/18/16
A survey of biological, cognitive and psychosocial development throughout the human life cycle from conception to death.
PREREQUISITE: None.
37723 07:00AM 11:05AM  ATEC Rm 211  J. Zeeb
Web Enh Lect Fri

PSY-9 DEVELOPMENTAL PSYCH 3 UNITS
8/29/16 to 12/14/16  Last Day to Add: 11/18/16
A survey of biological, cognitive and psychosocial development throughout the human life cycle from conception to death.
PREREQUISITE: None.
37724 12:45PM 02:10PM  ATEC Rm 114  TBA
Web Enh Lect Mon, Wed

PSY-9 DEVELOPMENTAL PSYCH 3 UNITS
8/29/16 to 12/14/16  Last Day to Add: 11/18/16
A survey of biological, cognitive and psychosocial development throughout the human life cycle from conception to death.
PREREQUISITE: None.
37725 04:15PM 05:40PM  ATEC Rm 119  K. Norton
Web Enh Lect Mon, Wed

PSY-9 DEVELOPMENTAL PSYCH 3 UNITS
9/3/16 to 12/10/16  Last Day to Add: 11/12/16
A survey of biological, cognitive and psychosocial development throughout the human life cycle from conception to death.
PREREQUISITE: None.
37726 08:00AM 12:05PM  ATEC Rm 114  J. Hicks
Web Enh Lect Sat

PSY-9 DEVELOPMENTAL PSYCH 3 UNITS
8/30/16 to 12/13/16  Last Day to Add: 11/18/16
A survey of biological, cognitive and psychosocial development throughout the human life cycle from conception to death.
PREREQUISITE: None.
37727 06:00PM 09:10PM  ATEC Rm 114  W. Radtke
Web Enh Lect Tues
10:25AM 11:50AM

REA-4 CRITICAL READING AS CRITICAL THINKING 3 UNITS
8/30/16 to 12/15/16  Last Day to Add: 11/18/16
Offers instruction in reading as a developmental process, a complex-meaning construction process, a language process and a critical thinking process. PREREQUISITE: None. ADVISORY: †Qualification for ENG-1A.
37728 04:15PM 05:40PM  LIBR Rm 110  P. Van Osterhoudt
Lect Tues, Thur
10:25AM 11:50AM

REA-81 FOUNDATIONS FOR COLLEGE READING 3.5 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Instruction in basic reading skills, along with individually prescribed practice work in a wide range of materials. (Non-degree credit course.) PREREQUISITE: None.
37730 08:15AM 09:40AM  LIBR Rm 110  M. Sloniger
Lect Tues, Thur
LIBR Rm 110
Lab Tues
07:00AM 08:05AM
Lab Thur

REA-81 FOUNDATIONS FOR COLLEGE READING 3.5 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Instruction in basic reading skills, along with individually prescribed practice work in a wide range of materials. (Non-degree credit course.) PREREQUISITE: None.
37731 06:00PM 07:25PM  LIBR Rm 110  P. Van Osterhoudt
Lect Tues, Thur
LIBR Rm 110
Lab Tues
07:35PM 08:40PM
Lab Thur
REA-81  FOUNDATIONS FOR COLLEGE READING  3.5 UNITS
8/29/16 to 12/15/16   Last Day to Add: 11/18/16
Instruction in basic reading skills, along with individually prescribed practice work in a wide range of materials. (Non-degree credit course.) PREREQUISITE: None.
37729  11:15AM 12:40PM  LIBR Rm 110  M. Sloniger
       Lect Tues, Thur
       Lab Tues
       10:00AM 11:05AM  Library Rm 110
       Lab Thur

REA-82  COLLEGE READING AND STRATEGIES  3.5 UNITS
8/29/16 to 12/15/16   Last Day to Add: 11/18/16
Intended for students who experience significant difficulty in reading college-level materials. (Non-degree credit course.) PREREQUISITE: REA-81 or qualifying placement level.
37732  11:45AM 01:10PM  LIBR Rm 110  M. Sloniger
       Lect Mon, Wed
       Lab Mon
       10:30AM 11:35AM  Library Rm 110
       Lab Wed

REA-82  COLLEGE READING AND STRATEGIES  3.5 UNITS
8/29/16 to 12/15/16   Last Day to Add: 11/18/16
Intended for students who experience significant difficulty in reading college-level materials. (Non-degree credit course.) PREREQUISITE: REA-81 or qualifying placement level.
37733  05:00PM 06:25PM  LIBR Rm 110  Z. Moore
       Lect Mon, Wed
       Lab Mon
       06:35PM 07:40PM  Library Rm 110
       Lab Wed

REA-82  COLLEGE READING AND STRATEGIES  3.5 UNITS
8/29/16 to 12/15/16   Last Day to Add: 11/18/16
Intended for students who experience significant difficulty in reading college-level materials. (Non-degree credit course.) PREREQUISITE: REA-81 or qualifying placement level.
37734  08:30AM 09:55AM  LIBR Rm 110  M. Sloniger
       Lect Mon, Wed
       Lab Mon
       07:15AM 08:20AM  Library Rm 110

REA-83  COLLEGE READING AND THINKING  3 UNITS
9/2/16 to 12/9/16   Last Day to Add: 11/4/16
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.
37735  02:30PM 06:35PM  LIBR Rm 110  M. Adebayo-Ige
       Lect Fri

REA-83  COLLEGE READING AND THINKING  3 UNITS
8/31/16 to 12/14/16   Last Day to Add: 11/18/16
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.
37736  06:00PM 09:10PM  IT Rm 111 J. Lowe
       Lect Wed

RLE-80  REAL ESTATE PRINCIPLES  3 UNITS
8/29/16 to 12/15/16   Last Day to Add: 11/18/16
Comprehensive analysis of basic laws, principles, terminology and current practices of California real estate. PREREQUISITE: None.
37739  04:15PM 05:40PM  IT Rm 209  TBA
       Hybr Mon
       07:00AM 07:50AM  TBA TBA
       Online

SOC-1  INTRO TO SOCIOLOGY  3 UNITS
8/30/16 to 12/15/16   Last Day to Add: 11/18/16
An introduction to the basic concepts of societal organization. PREREQUISITE: None. ADVISORY: ENG-50.
37746  11:15AM 12:40PM  STEM Rm 201  K. Andacheh
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### SPA-1 SPANISH 1
8/29/16 to 12/15/16  
Develops basic skills in understanding, reading, communicating and writing in Spanish. PREREQUISITE: None. ADVISORY: †Completion of placement test to assess level of proficiency in Spanish.

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SPA-1H  HONORS SPANISH 1  5 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Offers students in the Honors Program an enriched experience
in the development of basic skills in understanding, reading,
communicating, and writing in Spanish. PREREQUISITE: None.
ADVISORY: †Completion of placement test to assess level of
proficiency in Spanish. LIMITATION ON ENROLLMENT: Enrollment in
the Honors Program.
37851  08:00AM 11:10AM  LIBR Rm 109  D. Hitchcock
Web Enh Lect Wed
06:20PM 08:25PM  LIBR Rm 121
Web Enh Lect Mon
10:05AM 11:05AM  Library Rm 121

SPA-2  SPANISH 2  5 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Further development of basic skills in understanding, reading,
communicating, and writing in Spanish. PREREQUISITE: SPA-1, 1H
or 1B or qualifying placement level on the Spanish assessment test or
equivalent.
37770  02:00PM 05:10PM  LIBR Rm 109  A. Covarrubias
Web Enh Lect Thur
03:00PM 05:05PM  LIBR Rm 121
Web Enh Lect Tues
04:15PM 05:05PM  Library Rm 121
Web Enh Lab Wed

SPA-3  SPANISH 3  5 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Development of intermediate skills in understanding, reading,
communicating, and writing in Spanish. PREREQUISITE: SPA-2 or
2H or qualifying placement level on the Spanish assessment test or
equivalent.
37772  08:00AM 11:10AM  LIBR Rm 109  D. Hitchcock
Web Enh Lect Tues
11:45AM 01:50PM  LIBR Rm 121
Web Enh Lect Thur
10:15AM 11:05AM  Library Rm 121

THE-3  INTRO TO THE THEATER  3 UNITS
8/31/16 to 12/14/16  Last Day to Add: 11/18/16
A survey of theatrical styles and forms intended for the general
college student. PREREQUISITE: None.
37774  06:00PM 09:10PM  THTR Rm 101  W. Stevens
Web Enh Lect Wed
02:00PM 04:05PM

THE-32  THEATER GAMES AND EXERCISES  3 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
A beginning class for actors emphasizing the basic principles
and techniques of acting through use of theater games and
improvisational exercises. PREREQUISITE: None.
37776  03:25PM 04:30PM  THTR Rm 101  W. Stevens
Lect Tues
01:55PM 03:20PM
Web Enh Lect Tues, Thur
06:20PM 09:30PM

THE-33  THEATER GAMES AND EXERCISES  3 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
A beginning class for actors emphasizing the basic principles
and techniques of acting through use of theater games and
improvisational exercises. PREREQUISITE: None.
37778  03:25PM 04:30PM  THTR Rm 101  W. Stevens
Lect Tues
01:55PM 03:20PM
Web Enh Lect Tues, Thur
06:20PM 09:30PM
Lab Tues, Thur

WXX-200  GENERAL WORK EXPERIENCE  1 UNITS
8/29/16 to 12/15/16  Last Day to Add: 11/18/16
Coordinates the student’s occupational experience with related
instruction in skills for career planning and occupational success.
PREREQUISITE: None. ADVISORY: Students should have paid or
voluntary employment.
37779  05:00PM 05:50PM  IT Rm 122  A. Etchison
Work Experience, Hybr Tues
02:00PM 04:05PM

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Short-Term Classes

ACC-1A  PRINCIPLES OF ACCOUNTING I  3 UNITS
8/31/2016 to 10/19/2016   Last Day to Add: 10/5/2016
An introduction to accounting principles and procedures. Course
grounded to accounting and business majors. PREREQUISITE: None.
ADVISORY: BUS-20.
37130  06:00PM 11:05AM   IT Rm 117P. Worsham
Hybr Tues, Thur
TBA TBA   TBA TBA
Online

ACC-1A  PRINCIPLES OF ACCOUNTING I  3 UNITS
8/31/2016 to 10/19/2016   Last Day to Add: 10/5/2016
An introduction to accounting principles and procedures. Course
grounded to accounting and business majors. PREREQUISITE: None.
ADVISORY: BUS-20.
37131  06:00PM 09:10AM   JFK Rm 116
Hybr Wed
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Online

ACC-1B  PRINCIPLES OF ACCOUNTING II  3 UNITS
10/24/2016 to 12/15/2016   Last Day to Add: 11/30/2016
A study of managerial accounting principles and information systems.
PREREQUISITE: ACC-1A.
37135  06:00PM 09:10PM   JFK Rm 116
Hybr Wed
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Online

ACC-1B  PRINCIPLES OF ACCOUNTING II  3 UNITS
10/24/2016 to 12/15/2016   Last Day to Add: 12/6/2016
A study of managerial accounting principles and information systems.
PREREQUISITE: ACC-1A.
37138  09:40AM 11:05AM   IT Rm 117P. Worsham
Hybr Tues, Thur
TBA TBA   TBA TBA
Online

ACC-67  U.S. & CALIFORNIA INCOME TAX PREP  4 UNITS
10/24/2016 to 12/15/2016
A CTEC-approved course which provides 45 hours of federal credit,
15 hours of California state credit and 2 hours of ethics (included
in the 15 hours of state credit) towards the qualifying education
requirement for tax preparers. PREREQUISITE: None.
37941  05:30PM 09:45PM   JFK Rm 119
Hybr Wed
TBA TBA   TBA TBA
Online

BUS-18A  BUSINESS LAW I  3 UNITS
8/30/2016 to 10/18/2016   Last Day to Add: 10/4/2016
Legal and ethical environment of business torts, contracts, sales and
principles of employment. PREREQUISITE: None.
37207  06:30PM 09:40PM   JFK Rm 102
Hybr Tues
TBA TBA   TBA TBA
Online

BUS-18B  BUSINESS LAW II  3 UNITS
Commercial paper, business organizations, government regulations,
protection of property rights and international law. PREREQUISITE:
None.
37210  06:30PM 09:40PM   JFK Rm 102
Hybr Tues
TBA TBA   TBA TBA
Online

BUS-82  FREIGHT CLAIMS  1.5 UNITS
10/26/2016 to 12/14/2016   Last Day to Add: 11/30/2016
Review of the techniques for avoiding losses in transit and of the
preparation, filing and resolution of freight claims. PREREQUISITE:
None.
37223  06:30PM 09:40PM   IT Rm 210
Web Enh Lect Wed
Short-Term Classes

CON-66  CONTRACTS  1.5 UNITS  
11/7/2016 to 12/9/2016  
Review of electrical codes and code requirements. PREREQUISITE: None.  
37224  12:45PM 09:40PM JFK Rm 119  
Web Enh Lect Wed  
C. Pentsis

CON-66  NATIONAL ELEC CODE  3 UNITS  
11/7/2016 to 12/9/2016  
Review of electrical codes and code requirements. PREREQUISITE: None.  
37911  12:45PM 02:55PM CACT Rm 1  
Lect Mon, Tues, Wed, Thur, Fri  
TBA

ELE-11  DC ELECTRONICS  4 UNITS  
9/19/2016 to 10/21/2016  
Basic DC electrical theory, devices, circuits and applications including resistors, capacitors, coils and motors. PREREQUISITE: None.  
37919  08:00AM 10:05AM IT Rm 124  
Lect Mon, Tues, Wed, Thur, Fri  
10:15AM 12:20PM IT Rm 124  
Lab Mon, Tues, Wed, Thur, Fri  
S. Chng

ELE-27  TECHNICAL COMMUNICATIONS  3 UNITS  
9/19/2016 to 10/21/2016  
Procedures for organizing and presenting technical data. (Same as ENE-27) PREREQUISITE: None.  
37939  01:20PM 03:25PM IT Rm 124  
Lect Mon, Tues, Wed, Thur, Fri  
Lab Mon, Tues, Wed, Thur, Fri  
G. Balteria

ELE-71  RESIDENTIAL ELECTRICAL WIRING  4 UNITS  
The foundations of electrical wiring for residential dwellings. PREREQUISITE: None.  
37922  08:00AM 10:30AM CACT Rm 1  
Lab Mon, Tues, Wed, Thur, Fri  
10:40AM 12:15PM Ctr, Appl Competitive Tech Rm 1  
Lab Mon, Tues, Wed, Thur, Fri  
01:15PM 02:05PM Ctr, Appl Competitive Tech Rm 1  
Lab Mon, Tues, Wed, Thur, Fri  
C. Keissieh

ELE-72  COMMERCIAL & INDUST. ELECT. WIRING  4 UNITS  
Wiring commercial and industrial buildings. (Same as MAN-72) PREREQUISITE: None.  
37923  08:00AM 09:30AM CACT Rm 1  
Lab Mon, Tues, Wed, Thur, Fri  
09:40AM 11:10AM Ctr, Appl Competitive Tech Rm 1  
Lab Mon, Tues, Wed, Thur, Fri  
C. Keissieh

ELE-74  INDUSTRIAL WIRING AND CONTROLS  4 UNITS  
10/24/2016 to 11/23/2016  
Industrial controls and electrical wiring of modern facilities, manufacturing, or warehousing. (Same as MAN-74) PREREQUISITE: None.  
37925  09:30AM 11:45AM IT Rm 124  
Lab Mon, Tues, Wed, Thur, Fri  
12:45PM 03:00PM IT Rm 124  
Lab Mon, Tues, Wed, Thur, Fri  
T. Childers

ELE-75  SOLID STATE DEVICES LIGHTING CTRLS.  3 UNITS  
Learn to integrate electronic devices into electrical systems. PREREQUISITE: None.  
37977  12:10PM 01:15PM CACT Rm 1  
Lab Mon, Tues, Wed, Thur, Fri  
01:25PM 02:05PM Ctr, Appl Competitive Tech Rm 1  
Lab Mon, Tues, Wed, Thur, Fri  
TBA
### Short-Term Classes

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<th>Course Name</th>
<th>Units</th>
<th>Dates</th>
<th>Last Day to Add</th>
<th>Time</th>
<th>Location</th>
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<td>ENE-27</td>
<td>ELECTRICAL THEORY</td>
<td>3</td>
<td>9/19/2016 to 10/21/2016</td>
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<td>01:20PM 11:45AM</td>
<td>CACT Rm 1</td>
<td>S. Chng</td>
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<td>TECHNICAL COMMUNICATIONS</td>
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<td>ENE-51</td>
<td>BLUEPRINT READING</td>
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<td>8/29/2016 to 9/16/2016</td>
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<td>ENG-60A</td>
<td>ENGL FUND: SENT TO PARAGRAPH</td>
<td>4</td>
<td>8/29/2016 to 10/20/2016</td>
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<td>08:15AM 10:20AM</td>
<td>IT Rm 206</td>
<td>L. Nelson</td>
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<td>ENG-60B</td>
<td>ENGL FUND: PARAGRAPH TO ESSAY</td>
<td>4</td>
<td>10/24/2016 to 12/14/2016</td>
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<td>10:30AM 01:40PM</td>
<td>IT Rm 206</td>
<td>D. Mills</td>
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<th>Time, Days, Room</th>
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<td>ENGL FUND: PARAGRAPH TO ESSAY</td>
<td>4</td>
<td>10/24/2016 to 12/14/2016</td>
<td>12/2/2016</td>
<td>07:20AM-10:30AM Mon, Wed, Fri; 12:00PM-12:50PM Mon, Wed</td>
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<td>GUI-46</td>
<td>INTRO TRANSFER PROCESS</td>
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<td>8/29/2016 to 10/19/2016</td>
<td>10/10/2016</td>
<td>12:15PM-01:20PM Mon, Wed</td>
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<td>ILA-1</td>
<td>INTRODUCTION TO TUTOR TRAINING</td>
<td>1</td>
<td>9/16/2016 to 11/4/2016</td>
<td>10/21/2016</td>
<td>09:30AM-11:35AM Mon, Wed, Thu, Fri</td>
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<td>MAN-55</td>
<td>OSHA STANDARDS FOR INDUSTRY</td>
<td>2</td>
<td>8/29/2016 to 9/16/2016</td>
<td>None</td>
<td>08:00AM-10:20AM Mon, Tues, Wed, Thur, Fri</td>
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</table>

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.

Survey of transfer requirements with hands-on activities through the application process for students transferring to four-year institutions. PREREQUISITE: None.

An introduction to the skills necessary for tutoring in the subject areas. Practical application of tutoring strategies, methodologies, learning styles, problem solving, and working with diverse student populations. PREREQUISITE: None. ADVISORY: Qualification for ENG-1A.

OSHA policies, procedures and standards, as well as safety for general industry and health principles. Topics include scope and application of the OSHA standards for general industry. PREREQUISITE: None.

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