Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

CUYAMACA COLLEGE
Fall 2016 Course Offerings
As of August 24, 2016

ANTHROPOLOGY

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH-120</td>
<td>Cultural Anthropology</td>
<td>3.0</td>
<td>Methods and theories of anthropology; cultural variations and similarities.</td>
</tr>
<tr>
<td>ANTH-130</td>
<td>Intro to Physical Anthro</td>
<td>3.0</td>
<td></td>
</tr>
</tbody>
</table>

ARAMAIC

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARAM-220</td>
<td>Aramaic III</td>
<td>5.0</td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in ARAM 121 or equivalent</td>
</tr>
</tbody>
</table>

ARABIC

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARBC-120</td>
<td>Arabic I</td>
<td>5.0</td>
<td></td>
</tr>
<tr>
<td>ARBC-121</td>
<td>Arabic II</td>
<td>5.0</td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in ARBC 120 or two years of high school Arabic or equivalent.</td>
</tr>
<tr>
<td>ARBC-145</td>
<td>Arabic Civilizations</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>ARBC-220</td>
<td>Arabic III</td>
<td>5.0</td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in ARBC 121 or three years of high school Arabic or equivalent.</td>
</tr>
<tr>
<td>ARBC-221</td>
<td>Arabic IV</td>
<td>5.0</td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in ARBC 220 or four years of high school Arabic or equivalent.</td>
</tr>
<tr>
<td>ARBC-250</td>
<td>Conversational Arabic I</td>
<td>3.0</td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in ARBC 121 or three years of high school Arabic or equivalent.</td>
</tr>
<tr>
<td>ARBC-251</td>
<td>Conversational Arabic II</td>
<td>3.0</td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in ARBC 250 or four years of high school Arabic or equivalent.</td>
</tr>
</tbody>
</table>
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**ART**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART-100</td>
<td>Art Appreciation</td>
<td>3.0</td>
<td>Learn how art influences your life.</td>
</tr>
<tr>
<td>0973</td>
<td>TBA</td>
<td>WEB-WEB</td>
<td>X.Eggleton</td>
</tr>
<tr>
<td></td>
<td>Online course, 52.5 total instructional hours. Contact <a href="mailto:xu.chi.eggleton@gcccd.edu">xu.chi.eggleton@gcccd.edu</a> for details.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6436</td>
<td>TBA</td>
<td>WEB-WEB</td>
<td>L.Karmel</td>
</tr>
<tr>
<td></td>
<td>Online course, 52.5 total instructional hours. Contact <a href="mailto:lisa.karmel@gcccd.edu">lisa.karmel@gcccd.edu</a> for details.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8149</td>
<td>TBA</td>
<td>WEB-WEB</td>
<td>O.Montano</td>
</tr>
<tr>
<td></td>
<td>Online course, 52.5 total instructional hours. Contact <a href="mailto:omar.montano@gcccd.edu">omar.montano@gcccd.edu</a> for details.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1987</td>
<td>08:00AM-09:15AM</td>
<td>TTH</td>
<td>B-101</td>
</tr>
<tr>
<td></td>
<td>Class meets in the Digital Theatre B101.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9633</td>
<td>08:00AM-11:15AM</td>
<td>F</td>
<td>HSHM-HSHM O.Montano Sep 12-Jan 28</td>
</tr>
<tr>
<td></td>
<td>Meets at Health Sciences High &amp; Middle College, 3910 University Ave, San Diego, CA 92105 room TBA. No meetings 11/21 to 11/25 (Thanksgiving Break) and, 12/19 to 1/8 (Winter Break). Contact instructor for enrollment information.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1988</td>
<td>02:00PM-03:15PM</td>
<td>MW</td>
<td>B-360</td>
</tr>
<tr>
<td></td>
<td>09:30AM-10:20AM</td>
<td>TTH</td>
<td>B-371</td>
</tr>
<tr>
<td></td>
<td>10:30AM-12:20PM</td>
<td>TTH</td>
<td>B-373</td>
</tr>
<tr>
<td></td>
<td>01:00PM-01:50PM</td>
<td>TTH</td>
<td>B-373</td>
</tr>
<tr>
<td></td>
<td>02:00PM-03:50PM</td>
<td>TTH</td>
<td>B-373</td>
</tr>
<tr>
<td>ART-120</td>
<td>Two-Dimensional Design</td>
<td>3.0</td>
<td>Learn how to make aesthetic decisions and choose colors. Art supplies must be supplied by student.</td>
</tr>
<tr>
<td>0201</td>
<td>09:30AM-10:20AM</td>
<td>TTH</td>
<td>B-371</td>
</tr>
<tr>
<td></td>
<td>10:30AM-12:20PM</td>
<td>TTH</td>
<td>B-373</td>
</tr>
<tr>
<td>0963</td>
<td>01:00PM-01:50PM</td>
<td>TTH</td>
<td>B-373</td>
</tr>
<tr>
<td></td>
<td>02:00PM-03:50PM</td>
<td>TTH</td>
<td>B-373</td>
</tr>
<tr>
<td>ART-121</td>
<td>Painting I</td>
<td>3.0</td>
<td>Learn painting techniques in oils or acrylics. Art supplies must be provided by student.</td>
</tr>
<tr>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in ART 120 or ART 124 or equivalent.</td>
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</tr>
<tr>
<td>0966</td>
<td>01:00PM-01:50PM</td>
<td>TTH</td>
<td>B-371</td>
</tr>
<tr>
<td></td>
<td>02:00PM-03:50PM</td>
<td>TTH</td>
<td>B-371</td>
</tr>
<tr>
<td>ART-124</td>
<td>Drawing I</td>
<td>3.0</td>
<td>Develop your right and left brain using drawing skills. Art supplies must be provided by student.</td>
</tr>
<tr>
<td>0968</td>
<td>08:00AM-11:50AM</td>
<td>F</td>
<td>B-373</td>
</tr>
<tr>
<td></td>
<td>12:20PM-02:25PM</td>
<td>F</td>
<td>B-373</td>
</tr>
<tr>
<td>5799</td>
<td>09:30AM-10:20AM</td>
<td>TTH</td>
<td>B-376</td>
</tr>
<tr>
<td></td>
<td>10:30AM-12:20PM</td>
<td>TTH</td>
<td>B-376</td>
</tr>
<tr>
<td>0967</td>
<td>01:00PM-01:50PM</td>
<td>TTH</td>
<td>B-363</td>
</tr>
<tr>
<td></td>
<td>02:00PM-03:50PM</td>
<td>TTH</td>
<td>B-368</td>
</tr>
<tr>
<td>ART-125</td>
<td>Drawing II</td>
<td>3.0</td>
<td>Art supplies must be provided by student.</td>
</tr>
<tr>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in ART 124 or equivalent.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0970</td>
<td>09:30AM-10:20AM</td>
<td>MW</td>
<td>B-363</td>
</tr>
<tr>
<td></td>
<td>10:30AM-12:20PM</td>
<td>MW</td>
<td>B-363</td>
</tr>
<tr>
<td>ART-129</td>
<td>Three-Dimensional Design</td>
<td>3.0</td>
<td>$25 materials fee due at registration.</td>
</tr>
<tr>
<td>8168</td>
<td>09:00AM-11:05AM</td>
<td>F</td>
<td>B-363</td>
</tr>
<tr>
<td></td>
<td>11:35AM-03:25PM</td>
<td>F</td>
<td>B-363</td>
</tr>
<tr>
<td>ART-135</td>
<td>Watercolor I</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>5464</td>
<td>09:30AM-10:20AM</td>
<td>MW</td>
<td>B-373</td>
</tr>
<tr>
<td></td>
<td>10:30AM-12:20PM</td>
<td>MW</td>
<td>B-373</td>
</tr>
</tbody>
</table>

+Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
### ART-140 Hist West Art I: Pre-1250 AD 3.0
Study of art forms from cave paintings to the early Renaissance.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>7936</td>
<td>06:00PM-08:50PM</td>
<td>T</td>
<td>B-360</td>
<td>J.Abel</td>
</tr>
</tbody>
</table>

### ART-143 Modern Art 3.0
Historical survey of late 19th and 20th century art of Europe and America.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>7449</td>
<td>TBA</td>
<td></td>
<td>TBA WEB</td>
<td>E.Whitman</td>
</tr>
</tbody>
</table>

Online course; 52.5 total instructional hours. Contact erin.whitman@gcccd.edu for details.

### ART-220 Painting II 3.0
Learn painting techniques in oils or acrylics. Art supplies must be provided by student.
Prerequisite: "C" grade or higher or "Pass" in ART 121 or equivalent.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>9076</td>
<td>01:00PM-01:50PM</td>
<td>TTH</td>
<td>B-371</td>
<td>E.Whitman</td>
</tr>
<tr>
<td></td>
<td>02:00PM-03:00PM</td>
<td>TTH</td>
<td>B-371</td>
<td>E.Whitman</td>
</tr>
</tbody>
</table>

### ART-221 Painting III 3.0
Developing a "personal statement." Art supplies must be provided by student.
Prerequisite: "C" grade or higher or "Pass" in ART 220 or equivalent.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>9077</td>
<td>01:00PM-01:50PM</td>
<td>TTH</td>
<td>B-371</td>
<td>E.Whitman</td>
</tr>
<tr>
<td></td>
<td>02:00PM-03:00PM</td>
<td>TTH</td>
<td>B-371</td>
<td>E.Whitman</td>
</tr>
</tbody>
</table>

### ART-222 Painting IV 3.0
Art supplies must be provided by student.
Prerequisite: "C" grade or higher or "Pass" in ART 221 or equivalent.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>9078</td>
<td>01:00PM-01:50PM</td>
<td>TTH</td>
<td>B-371</td>
<td>E.Whitman</td>
</tr>
<tr>
<td></td>
<td>02:00PM-03:00PM</td>
<td>TTH</td>
<td>B-371</td>
<td>E.Whitman</td>
</tr>
</tbody>
</table>

### ART-224 Drawing III 3.0
Art supplies must be provided by student.
Prerequisite: "C" grade or higher or "Pass" in ART 125 or equivalent.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>5803</td>
<td>09:30AM-10:20AM</td>
<td>MW</td>
<td>B-363</td>
<td>C.Lewallen</td>
</tr>
<tr>
<td></td>
<td>10:30AM-12:20PM</td>
<td>MW</td>
<td>B-363</td>
<td>C.Lewallen</td>
</tr>
</tbody>
</table>

### ART-225 Drawing IV 3.0
Art supplies must be provided by student.
Prerequisite: "C" grade or higher or "Pass" in ART 224 or equivalent.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>5804</td>
<td>09:30AM-10:20AM</td>
<td>MW</td>
<td>B-363</td>
<td>C.Lewallen</td>
</tr>
<tr>
<td></td>
<td>10:30AM-12:20PM</td>
<td>MW</td>
<td>B-363</td>
<td>C.Lewallen</td>
</tr>
</tbody>
</table>

### ART-230 Figure Drawing I 3.0
Develop expressive drawing techniques with regard to the human form. Art supplies must be provided by student.
Prerequisite: "C" grade or higher or "Pass" in ART 124 or equivalent.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>0981</td>
<td>09:30AM-10:20AM</td>
<td>TTH</td>
<td>B-368</td>
<td>J.Eggleton</td>
</tr>
<tr>
<td></td>
<td>10:30AM-12:20PM</td>
<td>TTH</td>
<td>B-368</td>
<td>J.Eggleton</td>
</tr>
</tbody>
</table>

### ART-231 Figure Drawing II 3.0
Develop expressive drawing techniques with regard to the human form. Art supplies must be provided by student.
Prerequisite: "C" grade or higher or "Pass" in ART 230 or equivalent.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>0993</td>
<td>09:30AM-10:20AM</td>
<td>TTH</td>
<td>B-368</td>
<td>J.Eggleton</td>
</tr>
<tr>
<td></td>
<td>10:30AM-12:20PM</td>
<td>TTH</td>
<td>B-368</td>
<td>J.Eggleton</td>
</tr>
</tbody>
</table>
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**ART-232 Figure Drawing III** 3.0
Incorporate advanced compositional devices and start developing a "theme." Art supplies must be provided by student.
Prerequisite: "C" grade or higher or "Pass" in ART 231 or equivalent.
5807 09:30AM-10:20AM  TTH  B-368  J.Eggleton
10:30AM-12:20PM  TTH  B-368

**ART-233 Figure Drawing IV** 3.0
Art supplies must be provided by student.
Prerequisite: "C" grade or higher or "Pass" in ART 232 or equivalent.
5808 09:30AM-10:20AM  TTH  B-368  J.Eggleton
10:30AM-12:20PM  TTH  B-368

**ART-235 Watercolor II** 3.0
Prerequisite: "C" grade or higher or "Pass" in ART 135 or equivalent.
5465 09:30AM-10:20AM  MW  B-373  M.Ramos
10:30AM-12:20PM  MW  B-373

**ART-236 Watercolor III** 3.0
Prerequisite: "C" grade or higher or "Pass" in ART 235 or equivalent.
5806 09:30AM-10:20AM  MW  B-373  M.Ramos
10:30AM-12:20PM  MW  B-373

**ART-241 Illustration I** 3.0
Prerequisite: "C" grade or higher or "Pass" in ART 124 or equivalent
9085 01:00PM-01:50PM  MW  B-363  M.Ramos
02:00PM-03:50PM  MW  B-363

**AMERICAN SIGN LANGUAGE**

**ASL-120 American Sign Language I** 4.0
0943 09:30AM-11:20AM  MW  B-164  S.Engelhart
7893 09:30AM-11:20AM  TTH  B-162  J.Crouch
0945 11:30AM-01:20PM  MW  B-164  D.Yanke
0944 11:30AM-01:20PM  TTH  B-164  J.Crouch
0948 02:00PM-03:50PM  TTH  B-164  B.Cohen
2017 06:00PM-07:50PM  MW  B-164  J.Oloughlin
2015 06:30PM-08:20PM  TTH  B-164  S.Swadell

**ASL-121 American Sign Language II** 4.0
Prerequisite: "C" grade or higher or "Pass" in ASL 120 or equivalent.
9695 09:30AM-11:20AM  TTH  B-164  D.Yanke
9091 05:00PM-06:50PM  MW  B-162  D.Yanke

**ASL-125 ASL with Infants and Toddlers** 1.0
S 9726 06:00PM-08:05PM  T  B-162  B.Cohen  Aug 22-Oct 15

**ASL-126 ASL with School Age Children** 1.0
S 0208 06:00PM-08:05PM  T  B-162  STAFF  Oct 17-Dec 10

**ASL-220 American Sign Language III** 4.0
Prerequisite: "C" grade or higher or "Pass" in ASL 121 or equivalent.
9697 12:30PM-02:20PM  TTH  B-162  D.Yanke
9090 05:30PM-09:35PM  TH  B-162  B.Cohen

**ASL-221 American Sign Language IV** 4.0
Prerequisite: "C" grade or higher or "Pass" in ASL 220 or equivalent.
8171 04:00PM-05:50PM  TTH  B-164  D.Yanke

+ Satisfies Cal. State University General Education
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ASTRONOMY

# ASTR-110 Descriptive Astronomy 3.0
0991 09:30AM-10:45AM MW F-402 G.Thurman
0990 09:30AM-10:45AM TTH F-402 G.Thurman
4581 05:30PM-06:45PM TTH F-402 G.Thurman

# ASTR-112 General Astronomy Laboratory 1.0
Prerequisite: "C" grade or higher or "Pass" in ASTR 110 or equivalent or concurrent enrollment.
9698 07:00PM-09:50PM T F-402 G.Thurman
6024 05:30PM-06:45PM TTH F-402 G.Thurman

AUTOMOTIVE TECHNOLOGY

AUTO-099 Intro to Auto Technology 3.0
Great course for every driver. Learn about your car or begin your Auto major. Students must purchase and build a car model.
6344 06:00PM-08:50PM T K-122 R.Gingery
0995 10:30AM-11:45AM MW K-122 B.McCombs

AUTO-100 Intro to Auto Technology Lab 1.0
Hands-on introductory lab course; learn the basics of auto service.
0997 09:00AM-12:10PM F K-104 C.Branton
6345 06:00PM-09:05PM TH K-101 J.Hannibal

AUTO-120 Engine Performance I 5.0
Includes engine mechanical and ignition systems including modern coil-on-plug systems.
Prerequisite: "C" grade or higher or "Pass" in AUTO 099 or 100 or equivalent or concurrent enrollment.
2077 08:00AM-09:15AM TTH K-101 T.Littel
09:25AM-12:15PM TTH K-101

AUTO-121 Emission Control License 5.0
California Bureau of Automotive Repair (BAR) Approved Basic and Advanced Clean Air Car Course. Advanced course, requires knowledge of mechanical, fuel, ignition, electrical, computer systems.
5509 06:00PM-07:15PM TTH K-104 J.Pinnell
07:25PM-10:15PM TTH K-104

AUTO-122 Automotive Electrical Systems 5.0
1697 08:00AM-09:15AM MW K-104 J.Hannibal
09:25AM-12:15PM MW K-104

AUTO-123 Engine Performance II 5.0
Includes computerized engine control and fuel injection systems.
Recommended Preparation: "C" grade or higher or "Pass" in AUTO 120 or equivalent, AUTO 122 or equivalent, AUTO 127 or equivalent.
3065 06:00PM-07:15PM MW K-101 J.Crocker
07:25PM-10:15PM MW K-101

AUTO-127 Adv Auto Electrical Systems 5.0
Prerequisite: "C" grade or higher or "Pass" in AUTO 122 or equivalent.
9295 08:00AM-09:15AM MW K-104 J.Hannibal
09:25AM-12:15PM MW K-104

AUTO-130 Auto Brakes and Brake License 5.0
Automotive/light truck braking systems, drum/disc brakes and machining (off and on car), anti-lock brakes, hydraulic systems, valves, switches.
1002 08:00AM-11:10AM S K-114 A.Butler
11:40AM-05:30PM S K-114

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AUTO-135 Advanced Brakes 5.0
Prerequisite: "C" grade or higher or "Pass" in AUTO 130 or equivalent.
9296 09:00AM-11:10AM S K-114 A.Butler
11:40AM-01:30PM S K-114

AUTO-140 Four Wheel Alignment 5.0
Automotive/light truck four-wheel alignment, tire servicing using state of the art equipment. Steering gears, suspension repair, power steering and more.
1004 06:00PM-07:15PM MW K-121 STAFF
07:25PM-10:15PM MW K-121

AUTO-145 Advanced Four Wheel Alignment 5.0
Prerequisite: "C" grade or higher or "Pass" in AUTO 140 or equivalent.
9297 06:00PM-07:15PM MW K-121 STAFF
07:25PM-10:15PM MW K-121

AUTO-170 Engine Overhaul 5.0
Learn how to disassemble, clean, measure and correctly reassemble a modern automotive engine.
7545 06:00PM-07:15PM TTH K-121 T.Rush
07:25PM-10:15PM TTH K-121

AUTO-175 Advanced Engine Overhaul 5.0
Prerequisite: "C" grade or higher or "Pass" in AUTO 170 or equivalent.
9691 06:00PM-07:15PM TTH K-121 T.Rush
07:25PM-10:15PM TTH K-121

AUTO-182 Automotive Work Experience
Prerequisite: Completion of a minimum of 10 units in Automotive Program. Must meet state guidelines for work experience.
1009 TBA C.Branton
1 unit=75 hours paid/60 hours unpaid work experience.
1010 TBA C.Branton
2 units=150 hours paid/120 hours unpaid work experience.
1011 TBA C.Branton
3 units=225 hours paid/180 hours unpaid work experience.

AUTO-192 ASSET-Drive Train 8.0
Extensive Ford-specific training in automatic and manual transmissions, four-wheel drive transfer cases and differentials. Open to all students wishing to expand their knowledge of drive trains.
9820 12:00PM-02:15PM MTWTHF K-114 B.McCombs Aug 22-Oct 15
02:45PM-05:55PM MTWTHF K-114

AUTO-197 ASSET-Work Experience 3.0
75 hours paid work experience per unit.
Prerequisite: Admission to the ASSET program.
8660 TBA B.McCombs Oct 17-Dec 10
3 units=225 hours paid work experience.

AUTO-200 ASEP-Orientation 1.0

AUTO-201 ASEP-Electrical 6.0

BIOLOGICAL SCIENCES

BIO-122 The Secret Life of Plants 4.0
5488 01:00PM-03:50PM M H-222 M.Garcia
01:00PM-03:50PM W H-222

*Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

**BIO-130 General Biology I** 3.0
The characteristics shared by all life forms.
- 7598 08:00AM-09:15AM  TTH  F-408  A.Khan
- 1031 09:30AM-10:45AM  MW  F-606  M.Garcia
- 1032 09:30AM-10:45AM  TTH  F-606  C.Burnett
- 1017 11:00AM-12:15PM  TTH  F-606  J.Redfern
- 5486 12:30PM-01:45PM  MW  F-606  C.Tindle
- 4584 12:30PM-01:45PM  TTH  E-223  A.Khan
- 1036 05:30PM-06:45PM  TTH  F-606  S.Attle

**BIO-131 General Biology I Laboratory** 1.0
Experiments on the characteristics shared by all life forms.
Prerequisite: "C" grade or higher or "Pass" in BIO 130 or equivalent or concurrent enrollment.
- 2240 09:00AM-12:10PM  F  H-221  C.Burnett
- 7599 11:00AM-01:50PM  T  H-221  C.Tindle
- 1038 11:00AM-01:50PM  W  H-221  M.Valtierra
- 5487 11:00AM-02:05PM  TH  H-221  D.Hand
- 1040 02:00PM-05:05PM  M  H-221  C.Tindle
- 4589 02:30PM-05:20PM  T  H-221  J.Redfern
- 1043 02:30PM-05:20PM  W  H-221  C.Tindle
- 1039 02:30PM-05:35PM  TH  H-221  A.Khan
- 4588 07:00PM-09:50PM  T  H-221  S.Attle
- 1042 07:00PM-10:05PM  TH  H-221  S.Attle

**BIO-134 Ethnobotany** 3.0
- 9564 05:00PM-07:50PM  T  H-222  M.Garcia

**BIO-140 Human Anatomy** 5.0
Prerequisite: "C" grade or higher or "Pass" in BIO 130, 131 or equivalent.
- 9380 06:30AM-07:20AM  MW  H-222  F.Bouton
- 07:00AM-07:50AM  F  H-207
- 07:30AM-08:45AM  MW  H-222
- 08:00AM-10:50AM  F  H-207
- 9701 08:00AM-09:15AM  MW  H-207  K.Dudzik
- 09:25AM-12:15PM  MW  H-207
- 9702 08:00AM-09:15AM  TTH  H-207  G.Brulte
- 09:25AM-12:15PM  TTH  H-207
- 9699 01:00PM-02:15PM  MW  H-207  K.Aylward
- 02:25PM-05:15PM  MW  H-207
- 2238 01:00PM-02:15PM  TTH  H-207  F.Bouton
- 02:25PM-05:15PM  TTH  H-207
- 7600 05:30PM-06:45PM  MW  H-207  N.Howe
- 06:55PM-09:45PM  MW  H-207
- 9700 05:30PM-06:45PM  TTH  H-207  B.Richardson
- 06:55PM-09:45PM  TTH  H-207

**BIO-141 Human Physiology** 3.0
Prerequisite: "C" grade or higher or "Pass" in BIO 130, 131 or equivalent.
- 9704 01:30PM-02:45PM  MW  F-408  K.Dudzik

**BIO-141L Lab in Human Physiology** 1.0
Prerequisite: "C" grade or higher or "Pass" in BIO 130, 131 or equivalent, BIO 141 or equivalent or concurrent enrollment.
- 9705 09:30AM-12:20PM  W  H-222  F.Bouton

**BIO-152 Paramedical Microbiology** 5.0
Prerequisite: "C" grade or higher or "Pass" in BIO 130, 131 or equivalent.
Recommended Preparation: "C" grade or higher or "Pass" in CHEM 115 or equivalent.
- 9706 08:00AM-09:15AM  TTH  H-221  K.Nette
- 09:25AM-12:15PM  TTH  H-206
- 9707 05:00PM-06:15PM  TTH  F-702  A.Barquilla Panadero
- 06:25PM-09:15PM  TTH  H-206
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

BIO-230 Cellular/Molecular/Evolu Bio 4.0
Prerequisite: "C" grade or higher or "Pass" in CHEM 141 or equivalent.
8081 02:00PM-03:50PM M F-702 K.Nette
02:00PM-02:50PM W F-702
03:00PM-05:50PM W H-206

BIO-240 Ecology/Evol/Organismal Bio 5.0
Prerequisite: "C" grade or higher or "Pass" in MATH 110 or equivalent.
Recommended Preparation: "C" grade or higher or "Pass" in ENGL 109 or equivalent.
8080 09:00AM-10:50AM TTH H-222 K.Dudzik
11:00AM-12:15PM TTH H-222
9668 01:00PM-02:50PM TTH H-222 C.Burnett
03:00PM-04:15PM TTH H-222

BUSINESS OFFICE TECHNOLOGY

BOT-100 Basic Keyboarding 1.0
Recommended Preparation: "C" grade or higher or "Pass" in ENGL 098R or ESL 103R or equivalent reading level.
1051 10:00AM-11:15AM MW E-120 H.Ikzir
Student must be concurrently enrolled in ESL 025 #9512.
9365 10:00AM-01:15PM F E-120 C.Lloyd
6813 12:30PM-01:45PM TTH E-120 H.Ikzir
Student must be concurrently enrolled in ESL 100 #7466.

BOT-101A Keyboard/Document Processing I 1.5
Prerequisite: "C" grade or higher or "Pass" in BOT 100 or equivalent.
Recommended Preparation: "C" grade or higher or "Pass" in ENGL 098R or ESL 103R or equivalent reading level.
S 9368 09:00AM-11:50AM T E-120 P.Newman Aug 22-Oct 15
Additional 2 hours and 25 minutes instructional hours/week via Internet.

BOT-101B Keyboard/Document Process II 1.5
Prerequisite: "C" grade or higher or "Pass" in BOT 101A or equivalent.
Recommended Preparation: "C" grade or higher or "Pass" in ENGL 098R or ESL 103R or equivalent reading level.
S 9374 08:30AM-12:25PM T E-120 P.Newman Oct 17-Dec 10
Additional 3 hours and 30 minutes instructional hours/week via Internet.

BOT-119 Windows-The Information Worker 2.0
Recommended Preparation: "C" grade or higher or "Pass" in BOT 100 or equivalent, BOT 096 or equivalent or concurrent enrollment, ENGL 098R, ESL 103R or equivalent reading level.
S 9614 08:00AM-12:00PM TH E-120 A.Zuckerman Oct 17-Dec 10
Additional 50 Minutes instructional time/week via Internet.

BOT-120 Comprehensive Word I 1.0
Recommended Preparation: "C" grade or higher or "Pass" in BOT 096, 097, 101AB or equivalent, ENGL 098R or ESL 103R or equivalent reading level.
S 1055 TBA WEB-SWEB P.Newman Aug 22-Oct 01
Online course; 35 total instructional hours. See www.cuyamaca.edu/bot for orientation; complete by 8/26.

BOT-121 Comprehensive Word II 1.0
Recommended Preparation: "C" grade or higher or "Pass" in BOT 120 or equivalent.
S 8163 TBA WEB-SWEB P.Newman Oct 03-Nov 05
Online course; 35 total instructional hours. See www.cuyamaca.edu/bot for orientation; complete by 10/5
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

**BOT-122 Comprehensive Word III** 1.0
Prerequisite: "C" grade or higher or "Pass" in BOT 121 or equivalent.
S 9812  TBA  WEB=WEB  P.Newman  Nov 07-Dec 10
Online course; 35 total instructional hours. See www.cuyamaca.edu/bot for orientation; complete by 11/9.

**BOT-123 Comprehensive Excel I** 1.0
Recommended Preparation: "C" grade or higher or "Pass" in BOT 096, 097, 100 or equivalent.
S 1061  12:00PM-03:35PM  M  E-120  C.Lloyd  Aug 22-Oct 01
Additional 2 hours and 45 minutes instructional hour/week via Internet.

**BOT-124 Comprehensive Excel II** 1.0
Recommended Preparation: "C" grade or higher or "Pass" in BOT 123 or equivalent.
S 1063  12:00PM-03:35PM  M  E-120  C.Lloyd  Oct 03-Nov 05
Additional 3 hours and 15 minutes instructional hours/week via Internet.

**BOT-125 Comprehensive Excel III** 1.0
Prerequisite: "C" grade or higher or "Pass" in BOT 124 or equivalent.
S 9411  12:00PM-03:35PM  M  E-120  C.Lloyd  Nov 07-Dec 10
Additional 3 hours and 15 minutes instructional hours/week via Internet.

**BOT-129 Comprehensive PowerPoint I** 1.0
Recommended Preparation: "C" grade or higher or "Pass" in BOT 101AB, 114, 120 or equivalent, ENGL 098R or ESL 103R or equivalent reading level.
S 9369  12:00PM-03:10PM  W  E-120  D.Woods  Aug 22-Oct 15
Additional 1 hour instructional hour/week via Internet.

**BOT-130 Comprehensive PowerPoint II** 1.0
Recommended Preparation: "C" grade or higher or "Pass" in BOT 129 or equivalent.
S 9370  12:00PM-03:10PM  W  E-120  D.Woods  Oct 17-Dec 10
Additional 1 hour instructional hour/week via Internet.

**BOT-223 Office Work Experience** 1.0
Prerequisite: Limited to BOT majors who have completed at least 12 units in the major.
Recommended Preparation: Keyboarding and computer skills as well as training in a variety of office procedures as required by most worksites.
S 9717  TBA  P.Newman
Required orientation: email pat.newman@gcccd.edu. Must be completed by 8/28. 1 unit=75 hours paid/60 hours unpaid work experience.

**BOT-224 Office Work Experience** 2.0
Prerequisite: Limited to BOT majors who have completed at least 12 units in the major.
Recommended Preparation: Keyboarding and computer skills as well as training in a variety of office procedures as required by most worksites.
S 9718  TBA  P.Newman
Required orientation: email pat.newman@gcccd.edu. Must be completed by 8/28. 2 units=150 hours paid/120 hours unpaid work experience.
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

**BOT-225 Office Work Experience**  3.0
Prerequisite: Limited to BOT majors who have completed at least 12 units in the major.
Recommended Preparation: Keyboarding and computer skills as well as training in a variety of office procedures as required by most worksites.
9719  TBA  P.Newman
Required orientation: email pat.newman@gcccd.edu. Must be completed by 8/28. 3 units=225 hours paid/180 hours unpaid work experience.

**BUSINESS**

**BUS-109 Elementary Accounting**  3.0
8102  06:00PM-09:05PM  M  E-227  C.Obyrne

**BUS-110 Introduction to Business**  3.0
0278  TBA  WEB-WEB  D.Fitch
Online course; 52.5 total instructional hours.
S  9769  07:30AM-08:50AM  TTH  R.Shumaker  Aug 23-Dec 15
Meets at Steele Canyon High School, 12440 Campo Road, Spring Valley, CA, room F-101. No meetings 11/21 to 11/25 (Thanksgiving Break). Contact instructor for enrollment information.
1077  11:00AM-12:15PM  TTH  E-227  M.Aubry

**BUS-111 Entrep: Starting a Business**  3.0
Starting or expanding a small business.
1155  TBA  WEB-WEB  J.Damato
Online course; 52.5 total instructional hours.

**BUS-120 Financial Accounting**  4.0
1088  TBA  WEB-WEB  C.Obyrne
Online course; 70 total instructional hours. Working knowledge of Word, Excel REQUIRED. Email christopher.obyrne@gcccd.edu by 8/23.
8035  TBA  WEB-WEB  C.Obyrne
Online course; 70 total instructional hours. Working knowledge of Word, Excel REQUIRED. Email rachel.farris@gcccd.edu.
1074  10:00AM-11:50AM  TTH  E-223  R.Farris
1073  01:00PM-03:50PM  W  E-227  C.Quinn
Additional 1 instructional hour/week via Internet.
1076  06:00PM-08:50PM  TH  E-225  C.Quinn
Additional 1 instructional hour/week via Internet.

**BUS-121 Managerial Accounting**  4.0
Prerequisite: "C" grade or higher or "Pass" in BUS 120 or equivalent.
1080  TBA  WEB-WEB  A.Taccone
Online course; 70 total instructional hours. Working knowledge of Word, Excel REQUIRED. Email christopher.obyrne@gcccd.edu by 8/23.
1078  01:00PM-02:50PM  MW  E-225  R.Farris

**BUS-122 Intermediate Accounting**  4.0
Prerequisite: "C" grade or higher or "Pass" in BUS 120 or equivalent.
9371  06:00PM-09:50PM  T  E-225  R.Pacco

**BUS-125 Business Law**  3.0
S  1082  TBA  WEB-WEB  M.Sessom  Aug 22-Oct 15
Online course; 52.5 total instructional hours. Familiarity with Blackboard required. Email mary.sessom@gcccd.edu by 8/19 with questions.
1161  TBA  WEB-WEB  M.Sessom
Online course; 52.5 total instructional hours. Familiarity with Blackboard required. Email mary.sessom@gcccd.edu with questions.
S  1061  TBA  WEB-WEB  M.Sessom  Oct 17-Dec 10
Online course; 52.5 total instructional hours. Familiarity with Blackboard required. Email mary.sessom@gcccd.edu by 10/10 with questions.

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
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(BUS-125 continued)
1728  06:30PM-08:20PM  W  E-223  H.Rucker
Additional 1 instructional hour/week via Internet.

BUS-128 Business Communication 3.0
Prerequisite: "C" grade or higher or "Pass" in ENGL 109 or equivalent.
0328  TBA  WEB-WEB  J.Damato
Online course; 52.5 total instructional hours. Students must make a presentation online or in person.
0330  TBA  WEB-WEB  J.Damato
Online course; 52.5 total instructional hours. Students must make a presentation online or in person.
9903  TBA  WEB-WEB  J.Damato
Online course; 52.5 total instructional hours. Students must make a presentation online or in person.
0332  06:30PM-08:05PM  T  E-227  J.Damato
Additional 1 hour 15 minutes instructional time/week via Internet.

BUS-150 Individual Income Tax Acctg 3.0
9372  06:00PM-08:50PM  W  E-225  C.Obyrne

BUS-155 Human Resources Management 3.0
0127  TBA  WEB-WEB  M.Aubry
Online course; 52.5 total instructional hours. Email michael.aubry@gcccd.edu.

CADD TECHNOLOGY

CADD-115 Engineering Graphics 3.0
Using AutoCAD 2016.
8989  01:00PM-03:50PM  TTH  E-212  C.Saghafi
8989  04:00PM-04:50PM  MW  E-212  C.Saghafi
8989  05:00PM-05:50PM  MW  E-212  C.Saghafi
9846  02:30PM-04:50PM  M  D.Adamian  Aug 22-Dec 16
02:30PM-04:50PM  WF
Meets at Steele Canyon High School, 12440 Campo Road, Spring Valley, CA, room E-201/206. No meetings 10/17 (Term/quarter student break), 11/21 to 11/25 (Thanksgiving Break). Contact instructor for enrollment information.

CADD-120 Intro to CAD and Design 3.0
Using AutoCAD 2016.
Prerequisite: "C" grade or higher or "Pass" in CADD 115 or ENGR 100 or equivalent.
Recommended Preparation: Working knowledge of basic computer operations and file administration.
5337  04:00PM-04:50PM  MW  E-212  C.Saghafi
5337  05:00PM-05:50PM  MW  E-212  C.Saghafi

CADD-125 3D Solid Modeling 3.0
Using SolidWorks 2015.
Prerequisite: "C" grade or higher or "Pass" in CADD 115 or ENGR 100 or equivalent.
Recommended Preparation: Working knowledge of basic computer operations and file administration.
1203  04:00PM-04:50PM  TTH  E-212  C.Saghafi
1203  05:00PM-05:50PM  TTH  E-212  C.Saghafi
Cross-listed as ENGR 125 #1235

CADD-126 Electronic Drafting 3.0
Prerequisite: "C" grade or higher or "Pass" in CADD 120 or equivalent
9305  01:00PM-03:50PM  W  E-212  F.Estrella

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CADD-133 Adv Architectural CAD Design 3.0
Revit 2015 software will be used.
Prerequisite: "C" grade or higher or "Pass" in CADD 131 or equivalent.
9780 07:00PM-07:50PM MW E-212 F.Estrella
08:00PM-09:50PM MW E-212

CADD-200 Intro to CAD Landscape Design 3.0
9811 12:00PM-03:10PM F E-212 K.Sumek
Additional 2 instructional hours/week via internet required.
Also listed as OH 200 #9563.

CHILD DEVELOPMENT

CD-106 Practicum: Observation & Exp 1.0
Introductory practicum lab completed in the Child Development Center.
Corequisite: CD 123 or 125 or previous completion of either course with a "C" grade or higher or "Pass"
9720 TBA R-111 J.Allen
Email judith.allen@gcccd.edu before 8/18 to arrange 52.5 total instructional hours. Mandatory class meeting Mon., 8/15, 5pm-6 in R-111.

CD-116 Parent Education II 1.0
9394 TBA WEB-WEB L.Furry
Online course; 17.5 total instructional hours. Email laurie.furry@gcccd.edu by 8/18 for orientation details.

CD-123 Programs-Curric Young Children 3.0
Corequisite: CD 106 or concurrent enrollment in a licensed child care program.
9558 11:00AM-12:15PM MW R-111 K.Zink

CD-124 Infant and Toddler Development 3.0
1129 06:00PM-08:50PM T R-111 D.Ferrin

CD-125 Child Growth and Development 3.0
1130 TBA WEB-WEB K.Kotowski
Online course; 52.5 total instructional hours. Email kathy.kotowski@gcccd.edu by 8/18 and complete the orientation by 8/23.
1133 TBA WEB-WEB L.Furry
Online course; 52.5 total instructional hours. Email laurie.furry@gcccd.edu by 8/18 and complete the orientation by 8/23.
1134 09:30AM-10:45AM MW R-111 K.Zink
7667 09:30AM-12:20PM T F-607 T.Boates

CD-126 Art for Child Development 3.0
1135 06:00PM-08:50PM W R-111 J.Allen

CD-127 Science & Math for Child Dev 3.0
Recommended Preparation: "C" grade or higher or "Pass" in CD 125 or equivalent.
5139 08:00AM-09:15AM TTH R-111 A.Hatfield

CD-128 Music & Movement for Child Dev 3.0
9041 04:00PM-05:15PM TTH R-111 T.Hanna

CD-129 Language & Literature for CD 3.0
Recommended Preparation: "C" grade or higher or "Pass" in CD 125 or equivalent.
4635 05:30PM-08:50PM TH R-111 L.Furry Aug 22-Oct 15
Additional 3 instructional hours/week via Internet.
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

### CD-131 Child, Family and Community 3.0
- **Recommended Preparation:** "C" grade or higher or "Pass" in CD 123, 125 or equivalent.
- **Online course:** 52.5 total instructional hours. Email madeline.noakes@gcccd.edu by 8/18 and complete the orientation by 8/23.

<table>
<thead>
<tr>
<th>CRN</th>
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<th>Days</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>0226</td>
<td>TBA</td>
<td>WEB</td>
<td>M.Noakes</td>
</tr>
<tr>
<td>9879</td>
<td>TBA</td>
<td>WEB</td>
<td>M.Noakes</td>
</tr>
<tr>
<td>1142</td>
<td>06:00PM-09:05PM</td>
<td>M</td>
<td>R-111 K.Zink</td>
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</table>

### CD-132 Field Experience Seminar 3.0
- **Prerequisite:** "C" grade or higher or "Pass" in CD 106, 123, 125, 126, 127, 128, 129, 131 and 130 or 143 or equivalent.
- **Corequisite:** CD 133 or 170.

<table>
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<tr>
<td>2602</td>
<td>06:00PM-08:50PM</td>
<td>T</td>
<td>CCDC CCDC K.Zink</td>
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### CD-133 Field Exp: Student Teaching 2.0
- **Prerequisite:** "C" grade or higher or "Pass" in CD 106, 123, 125, 126, 127, 128, 129, 130, 131 or equivalent.
- **Corequisite:** CD 132

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<tr>
<td>2027</td>
<td>TBA</td>
<td></td>
<td>J.Allen</td>
</tr>
<tr>
<td></td>
<td>2 units=150 hours paid/120 hours unpaid work experience.</td>
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### CD-134 Health, Safety & Nutrition 3.0
- **Recommended Preparation:** "C" grade or higher or "Pass" in CD 137 or equivalent.

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<tr>
<td>7572</td>
<td>09:30AM-12:35PM</td>
<td>TH</td>
<td>A.Hatfield</td>
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</table>

### CD-138 Admin of CD Programs II 3.0
- **Recommended Preparation:** "C" grade or higher or "Pass" in CD 137 or equivalent.

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<th>Instructor</th>
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<tbody>
<tr>
<td>7668</td>
<td>TBA</td>
<td>WEB</td>
<td>C.Stevens</td>
</tr>
<tr>
<td></td>
<td>72 units=150 hours paid/120 hours unpaid work experience.</td>
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### CD-141 Children With Special Needs 3.0
- **Recommended Preparation:** "C" grade or higher or "Pass" in CD 137 or equivalent.

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<th>Instructor</th>
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<tr>
<td>1143</td>
<td>09:30AM-12:20PM</td>
<td>T</td>
<td>R-111 K.Zink</td>
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</table>

### CD-153 Teaching in a Diverse Society 3.0
- **Recommended Preparation:** "C" grade or higher or "Pass" in CD 123, 125, 130, and 131 or equivalent.

<table>
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<th>Time</th>
<th>Days</th>
<th>Instructor</th>
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<tr>
<td>2028</td>
<td>TBA</td>
<td>WEB</td>
<td>L.Furry</td>
</tr>
<tr>
<td></td>
<td>52.5 total instructional hours. Email <a href="mailto:laurie.furry@gcccd.edu">laurie.furry@gcccd.edu</a> by 8/18 and complete online orientation by 8/23.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### CD-170 Practicum: Infants & Toddlers 2.0
- **Prerequisite:** "C" grade or higher or "Pass" in CD 106, 123, 124, 125, 126, 127, 128, 129, 143 or equivalent.
- **Corequisite:** CD 132 or previous enrollment.

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<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>5529</td>
<td>TBA</td>
<td></td>
<td>T.Hanna</td>
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<td></td>
<td>2 units=150 hours paid/120 hours unpaid work experience.</td>
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</tr>
</tbody>
</table>

### CD-212 Practicum Early Childhood Ed 3.0
- **Prerequisite:** "C" grade or higher or "Pass" in CD 123, 125, 130, and 131 or equivalent.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>9315</td>
<td>04:00PM-05:15PM</td>
<td>MW</td>
<td>R-111 D.Ferrin</td>
</tr>
</tbody>
</table>

### CD-213 Observation and Assessment 3.0
- **Contact instructor to arrange an additional 52.5 total instructional hours for Laboratory.**

<table>
<thead>
<tr>
<th>CRN</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>9315</td>
<td>04:00PM-05:15PM</td>
<td>MM</td>
<td>R-111 D.Ferrin</td>
</tr>
</tbody>
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Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

### CHEMISTRY

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<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Prerequisites</th>
</tr>
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<tbody>
<tr>
<td><strong>CHEM-102</strong></td>
<td>Gen, Organic, Biological Chem 5.0</td>
<td></td>
<td>Optional $10 materials fee may be charged. Safety glasses be supplied by student. Prerequisite: Grade of &quot;Pass&quot; in Math 090 or 096 or equivalent.</td>
</tr>
<tr>
<td><strong>CHEM-120</strong></td>
<td>Prep for General Chemistry 4.0</td>
<td></td>
<td>Prep course for science/engineering majors. Optional $10 materials fee may be charged. Safety glasses must be supplied by student. Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in MATH 110 or equivalent.</td>
</tr>
<tr>
<td><strong>CHEM-141</strong></td>
<td>General Chemistry I 5.0</td>
<td></td>
<td>Principles of chemistry for science/engineering majors. Optional $10 materials fee may be charged. Safety glasses must be supplied by student. Prerequisite: &quot;C&quot; or higher or &quot;Pass&quot; in CHEM 120 or equivalent or the CHEM 141 assessment and &quot;C&quot; grade or higher or &quot;Pass&quot; in the MATH 110 or equivalent.</td>
</tr>
<tr>
<td><strong>CHEM-142</strong></td>
<td>General Chemistry II 5.0</td>
<td></td>
<td>Optional $10 materials fee may be charged. Safety glasses must be supplied by student. Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in CHEM-141 or equivalent.</td>
</tr>
<tr>
<td><strong>CHEM-231</strong></td>
<td>Organic Chemistry I 5.0</td>
<td></td>
<td>Optional $10 materials fee may be charged. Safety glasses must be supplied by student. Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in CHEM 142 or equivalent.</td>
</tr>
</tbody>
</table>
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

COMPUTER & INFORMATION SCIENCE

+ CIS-110 Principles Information Systems 4.0
S 1170 TBA WEB WEB T.Phillips Aug 22-Nov 10
Online course; 105 total instructional hours. See www.cuyamaca.edu/people/tim-phillips for orientation information. Microsoft Office 2013 using Access, Excel. Articulates with MIS 180 at SDSU.

S 1169 TBA WEB WEB D.Raney Aug 22-Nov 10
Online course; 105 total instructional hours. See www.cuyamaca.edu/people/david-raney for orientation information. Microsoft Office 2013 using Access, Excel. Articulates with MIS 180 at SDSU.

S 1737 TBA WEB WEB A.Zuckerman Aug 22-Nov 23
Online course; 105 total instructional hours. See Blackboard for online orientation. Microsoft Office 2013 using Access, Excel. Articulates with MIS 180 at SDSU.

S 1738 TBA WEB WEB J.Johnson Sep 06-Dec 10
Online course; 105 total instructional hours. See Blackboard for online orientation. Microsoft Office 2013 using Access, Excel. Articulates with MIS 180 at SDSU.

CIS-120 Computer Maintenance A+ Cert 3.0
Recommended Preparation: Basic computer skills (basic knowledge of hardware, operating systems, applications software).
S 1193 TBA WEB WEB T.Phillips Aug 22-Nov 10
Online course; 87.5 instructional hours. See www.cuyamaca.edu/people/tim-phillips for orientation information.

S 0708 09:30AM-01:35PM M E-213 T.Phillips Aug 22-Nov 10
Additional 3 hours 35 minutes instructional time/week via Internet. Microsoft Office 2013 using Access, Excel. Articulates with MIS 180 at SDSU.

CIS-125 Network+ Certification 3.0
Recommended Preparation: Basic computer skills (basic knowledge of hardware, operating systems, applications software).
S 1171 TBA WEB WEB T.Phillips Aug 22-Nov 10
Online course; 87.5 total instructional hours. See www.cuyamaca.edu/people/tim-phillips for orientation information.

CIS-140 Databases 3.0
Recommended Preparation: "C" grade or higher or "Pass" in CIS 110 or equivalent.
S 1172 03:00PM-05:50PM W E-205 C.Sharon Aug 22-Nov 10
Additional 2 instructional hours/week via Internet required.

CIS-190 Windows Operating System 3.0
Using Windows 7 Enterprise. When combined with CIS 120, covers material in MCP 70-620 exam.
Prerequisite: "C" grade or higher or "Pass" in CIS 120 or 125 or equivalent or current CompTIA A+ or N+ certification.
S 1174 TBA WEB WEB K.Nye Aug 22-Nov 10
Online course; 87.5 total instructional hours. See Blackboard for orientation.

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
**Please check WebAdvisor at [https://wa.gcccd.edu](https://wa.gcccd.edu) for course changes (added/cancelled sections, room changes, instructor changes, etc.)**

**CIS-201 Cisco Networking Academy I  3.0**  
Recommended Preparation: "C" grade or higher or "Pass" in CIS 125 or equivalent.  
S 8857 06:00PM-09:30PM  MW  E-207  R.Glauser  Aug 22-Oct 15  
Mandatory New student orientation see www.cuyamaca.edu/academics/departments/cis-gd/cis/cisco/.  
Additional 4 instructional hours/week via Internet.

**CIS-202 Cisco Networking Academy II  3.0**  
Prerequisite: "C" grade or higher or "Pass" in CIS 201 (Fall 2013 or after) or completion of CCNA1 Version 5 at another Cisco Networking Academy, or explicit instructor permission.  
S 9559 06:00PM-09:15PM  MW  E-207  R.Glauser  Oct 17-Dec 10  
Additional 4 instructional hours/week via Internet.

**CIS-203 Cisco Networking Academy III  3.0**  
Prerequisite: "C" grade or higher or "Pass" in CIS 202 (Fall 2013 or after) or completion of CCNA2 Version 5 at another Cisco Networking Academy, or explicit instructor permission.  
S 8858 06:00PM-09:15PM  TTH  E-207  C.Sharon  Aug 22-Oct 15  
Additional 4 instructional hours/week via Internet.

**CIS-204 Cisco Networking Academy IV  3.0**  
Prerequisite: "C" grade or higher or "Pass" in CIS 203 (Fall 2013 or after) or completion of CCNA3 Version 5 at another Cisco Networking Academy, or explicit instructor permission.  
S 9410 06:00PM-09:30PM  TTH  E-207  A.Alam  Oct 17-Dec 10  
Additional 4 instructional hours/week via Internet.

**CIS-207 Cisco Networking Academy VII  3.0**  
Prerequisite: "C" grade or higher or "Pass" in CIS 204 or equivalent or successful completion of the current version of CCNA1, 2, 3 and 4 at another Cisco Networking Academy or possess a current CCNA certification.  
S 9821 06:00PM-09:30PM  TTH  E-207  A.Alam  Oct 17-Dec 10  
Additional 4 hours instructional time/week via Internet.

**CIS-211 Web Development I  3.0**  
Recommended Preparation: Basic computer skills (ability to use Internet, word process documents, manage electronic files).  
5029  TBA  WEB-WEB  E.Sale  
Online course; 87.5 total instructional hours. Contact Instructor for orientation information.  
9377 09:30AM-12:20PM  T  E-204  J.Reed  
Additional 2 hours instructional time/week via Internet.

**CIS-219 PHP/MySQL Dynamic Web Apps  3.0**  
Prerequisite: "C" grade or higher or "Pass" in CIS 211 or equivalent or one year verifiable HTML and CSS coding experience and "C" grade or higher or "Pass" in any CS course or one year verifiable programming experience.  
9375  TBA  WEB-WEB  T.Pelkie  
Online course; 87.5 total instructional hours. See Blackboard for online orientation.

**COMMUNICATION**

**COMM-110 Intro to Mass Communication  3.0**  
1784  TBA  WEB-WEB  K.Togerson  
Online course; 52.5 instructional hours. Email ktogerson@yahoo.com on first day of class to check in or will be dropped.
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

(COMM-110 continued)

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<td>WEB-WEB</td>
<td>K.Togerson</td>
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<tr>
<td></td>
<td>Online course; 52.5 instructional hours. Email <a href="mailto:ktogerson@yahoo.com">ktogerson@yahoo.com</a> on first day of class to check in or will be dropped.</td>
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<td>Interpersonal Communication 3.0</td>
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<td>1787</td>
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<td>9:30AM-10:45AM</td>
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<td>1799</td>
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<td>9:30AM-10:45AM</td>
<td>TTH</td>
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<td>1789</td>
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<td>11:00AM-12:15PM</td>
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<td>1785</td>
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<tr>
<td>8126</td>
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<td>08:00AM-11:15AM</td>
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Meet at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room 213. No meetings 11/21 to 11/25 (Thanksgiving Break) and, 12/19 to 1/8 (Winter Break). Contact instructor for enrollment information.

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<td>10174</td>
<td>Critical Thinking Group Comm</td>
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<td>1803</td>
<td>Argumentation 3.0</td>
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<td>S 9799</td>
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<td>Pass/No Pass only</td>
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<td>S 9800</td>
<td>Career Decision Making 1.0</td>
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<td>S 1908</td>
<td>College and Career Success 3.0</td>
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<td>COUN-110</td>
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<td>COUN-120</td>
<td>College and Career Success 3.0</td>
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COUNSELING

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<td>Pass/No Pass only</td>
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<td>S 9800</td>
<td>Career Decision Making 1.0</td>
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<td>S 1908</td>
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+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
Please check Web Advisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

(COUN-120 continued)

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<tr>
<td>0320</td>
<td>TBA</td>
<td>WEB-WEB</td>
<td>M.Fralick</td>
<td></td>
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<td></td>
<td>Online course; 52.5 total instructional hours. Familiarity with computers, high speed Internet required. See collegesuccess1.com/online.htm</td>
</tr>
<tr>
<td>0315</td>
<td>TBA</td>
<td>WEB-WEB</td>
<td>N.Keeley</td>
<td>Oct 17-Dec 10</td>
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<td></td>
<td>Online course; 52.5 total instructional hours. Familiarity with computers, high speed Internet required. Log onto Blackboard at <a href="https://gcccd.blackboard.com">https://gcccd.blackboard.com</a> to complete mandatory orientation by 10/16.</td>
</tr>
<tr>
<td>S</td>
<td>0319</td>
<td>TBA</td>
<td>C.Morrin</td>
<td>Oct 17-Dec 10</td>
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<td></td>
<td>Online course; 52.5 total instructional hours. Familiarity with computers, high speed Internet recommended. See <a href="http://www.cuyamaca.edu/people/cindy-morrin/">www.cuyamaca.edu/people/cindy-morrin/</a> for course information and to complete mandatory online orientation by 10/16.</td>
</tr>
<tr>
<td>S</td>
<td>9750</td>
<td>TBA</td>
<td>K.Bycsek</td>
<td>Aug 03-Dec 17</td>
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<td>52.5 total instructional hours. Class meeting days and times to be announced on the syllabus. Contact instructor for enrollment information. Meets at Helix High School, 7323 University Ave., La Mesa, CA in room 1615. No class on Mon. 9/4, Fri. 10/7, Fri. 11/11 and the week of 11/21 (Thanksgiving).</td>
</tr>
<tr>
<td>S</td>
<td>9892</td>
<td>TBA</td>
<td>R.Terry</td>
<td>Aug 29-Jan 28</td>
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<td>Meets at the The O'Farrell Charter School 6130 Skyline Drive San Diego, CA 92114 room 6000. No meetings 11/21 to 11/25 (Thanksgiving Break) and, 12/19 to 1/2 (Winter Break). Contact instructor for enrollment information.</td>
</tr>
<tr>
<td>S</td>
<td>9891</td>
<td>TBA</td>
<td>R.Jerjis</td>
<td>Aug 23-Dec 15</td>
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<td>Meets at Valhalla High School, 1725 Hillsdale Rd, El Cajon, CA room TBA. No meetings 11/21 to 11/25 (Thanksgiving Break). Contact instructor for enrollment information.</td>
</tr>
<tr>
<td>S</td>
<td>9768</td>
<td>TBA</td>
<td>J.Carrillo Cortez</td>
<td>Aug 23-Dec 15</td>
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<td></td>
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<td></td>
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<td></td>
<td>Meets at Steele Canyon High School, 12440 Campo Road, Spring Valley, CA, room D-102. No meetings 11/21 to 11/25 (Thanksgiving Break). Contact instructor for enrollment information.</td>
</tr>
<tr>
<td>S</td>
<td>8266</td>
<td>TBA</td>
<td>R.Jerjis</td>
<td>Sep 12-Dec 10</td>
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<td>This course is part of the First Year Experience program. Contact instructor for enrollment information.</td>
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<tr>
<td>S</td>
<td>7591</td>
<td>TBA</td>
<td>R.Jerjis</td>
<td>Oct 17-Nov 14</td>
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<td>This course is part of the First Year Experience program. Contact instructor for enrollment information.</td>
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</tbody>
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+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

COMPUTER SCIENCE

CS-119 Program Design & Development 3.0
Corequisite: CS 119L
Recommended Preparation: "C" grade or higher or "Pass" in CIS 110 or equivalent.
0137 06:00PM-07:40PM T E-210 J.Gerstenberg
Additional 1 hour 10 minutes instructional time/week via Internet. Requires concurrent enrollment in CS 119L.

CS-119L Program Design & Develop Lab 1.0
Corequisite: CS 119
Recommended Preparation: "C" grade or higher or "Pass" in CIS 110 or equivalent.
0138 08:00PM-09:40PM T E-210 J.Gerstenberg
Additional 1 hour 10 minutes instructional time/week via Internet. Requires concurrent enrollment in CS 119.

CS-181 Intro to C++ Programming 4.0
Recommended Preparation: "C" grade or higher or "Pass" in CS 119 or equivalent, intermediate algebra.
0277 TBA WEB-WEB A.Antwan/T.Volkman
Online course; 105 total instructional hours. Email azhar.antwan@gcccd.edu by 8/17.
9383 06:00PM-09:50PM W E-210 J.Sanchez
Additional 2 instructional hours/week via Internet.

CS-182 Intro to Java Programming 4.0
Using NetBeans 6.x
Prerequisite: "C" grade or higher or "Pass" in MATH 110 or equivalent.
Recommended Preparation: "C" grade or higher or "Pass" in CS 119 or equivalent or experience programming in C++ or Java.
Prerequisite: "C" grade or higher or "Pass" in MATH 110 or equivalent.
7557 06:00PM-09:50PM M E-210 T.Volkman
Additional 2 instructional hours/week via Internet.

CS-282 Intermediate Java Programming 4.0
Using Netbeans 6.x
Prerequisite: "C" grade or higher or "Pass" in CS 182, MATH 175 or equivalent.
9384 06:00PM-09:50PM TH E-210 J.Gerstenberg/T.Volkman
Additional 2 instructional hours/week via Internet.

ECONOMICS

+# ECON-120 Principles of Macroeconomics 3.0
ECON 120, 121 may be taken in any order or simultaneously.
Prerequisite: "C" grade or higher or "Pass" in MATH 103 or 110 or equivalent (MATH 110 is recommended for Business majors).
9724 TBA WEB-WEB M.Aubry
Online course; 52.5 total instructional hours. Email michael.aubry@gcccd.edu.
9815 TBA WEB-WEB M.Aubry Aug 22-Oct 15
Online course; 52.5 total instructional hours. Email michael.aubry@gcccd.edu.
9333 08:00AM-09:15AM TTH E-223 D.Fitch
9723 10:30AM-11:45AM MW E-223 M.Aubry

+# ECON-121 Principles of Microeconomics 3.0
ECON 120, 121 may be taken in any order or simultaneously.
Prerequisite: "C" grade or higher or "Pass" in MATH 103 or 110 or equivalent (MATH 110 is recommended for Business majors).
9725 TBA WEB-WEB T.Irani
Online course; 52.5 total instructional hours. Macs are not supported.
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

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<tr>
<td>S 9872</td>
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<td>HHS-HHS</td>
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<tr>
<td></td>
<td>52.5 total instructional hours. Class meeting days and times to be announced on the syllabus. Contact instructor for enrollment information. Meets at Helix High School, 7323 University Ave., La Mesa, CA in room 240. No class on Mon. 9/4, Fri. 10/7, Fri. 11/11 and the week of 11/21 (Thanksgiving).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9810</td>
<td>12:30PM-01:45PM</td>
<td>MW</td>
<td>E-223</td>
</tr>
<tr>
<td>S 7510</td>
<td>12:30PM-03:50PM</td>
<td>T</td>
<td>E-227</td>
</tr>
<tr>
<td></td>
<td>Additional 3 instructional hours/week via Internet.</td>
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**EDUCATION**

<table>
<thead>
<tr>
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<th>Description</th>
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<tbody>
<tr>
<td>ED-151</td>
<td>Effective Tutoring Strategies</td>
<td>1.0</td>
<td>Pass/No Pass only.</td>
</tr>
<tr>
<td>S 6848</td>
<td>01:00PM-03:35PM</td>
<td>F</td>
<td>B-360</td>
</tr>
<tr>
<td></td>
<td>For enrollment information contact <a href="mailto:mary.graham@gcccd.edu">mary.graham@gcccd.edu</a>.</td>
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**ED-200 Teaching as a Profession**

<table>
<thead>
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<th>Course Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>9301 TBA</td>
<td>ED-200</td>
<td>3.0</td>
<td>Online course; 52.5 total instructional hours. Email <a href="mailto:kathy.kotowski@gcccd.edu">kathy.kotowski@gcccd.edu</a> by 8/20 and complete the orientation by 8/27.</td>
</tr>
<tr>
<td>S 9635</td>
<td>TBA</td>
<td>WEB-WEB</td>
<td>D.Lapp</td>
</tr>
<tr>
<td></td>
<td>Designed for dual enrollment students at Health Science High and Middle College. Contact instructor for enrollment information.</td>
<td></td>
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**ENVIRONMENTAL HEALTH/SAFETY**

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<tbody>
<tr>
<td>EHSM-100</td>
<td>Environmental &amp; OSH Tech</td>
<td>4.0</td>
<td>Overview of hazardous materials/waste management and occupational health and safety.</td>
</tr>
<tr>
<td>9817</td>
<td>08:00AM-12:20PM</td>
<td>S</td>
<td>F-613</td>
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<tr>
<td>EHSM-110</td>
<td>Pollution Prevention</td>
<td>3.0</td>
<td></td>
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<tr>
<td>9308</td>
<td>06:00PM-08:50PM</td>
<td>W</td>
<td>F-608</td>
</tr>
<tr>
<td>EHSM-135</td>
<td>Industry Safety Standards</td>
<td>3.0</td>
<td></td>
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<tr>
<td>9309</td>
<td>06:00PM-09:05PM</td>
<td>M</td>
<td>E-225</td>
</tr>
<tr>
<td>EHSM-230 Safety &amp; Emergency Response</td>
<td>4.0</td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in EHSM 100 or equivalent or concurrent enrollment.</td>
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</tr>
<tr>
<td>7596</td>
<td>06:00PM-08:50PM</td>
<td>T</td>
<td>F-724</td>
</tr>
<tr>
<td>06:00PM-08:50PM</td>
<td>TH</td>
<td>F-724</td>
<td></td>
</tr>
<tr>
<td>EHSM-240</td>
<td>Cooperative Work Experience</td>
<td></td>
<td>Application of classroom experience in industry. For orientation details call 619-660-4296.</td>
</tr>
<tr>
<td>4719 TBA</td>
<td>1 unit=75 hours paid/60 hours unpaid work experience.</td>
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<td></td>
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<tr>
<td>4720 TBA</td>
<td>2 units=150 hours paid/120 hours unpaid work experience.</td>
<td></td>
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<tr>
<td>4721 TBA</td>
<td>3 units=225 hours paid/180 hours unpaid work experience.</td>
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</tr>
<tr>
<td>4722 TBA</td>
<td>4 units=300 hours paid/240 hours unpaid work experience.</td>
<td></td>
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ENGLISH

ENGL-020 Support-Freshman Composition 2.0
Class for students who place into ENGL 109/110 but want to enroll directly into English 120. Concurrent-enrollment support for English 120.
Pass/No Pass only.
Prerequisite: "C" grade or higher or "Pass" in ENGL 098 or ESL 106 or equivalent or assessment.
Corequisite: ENGL 120
9115 11:30AM-12:20PM MW B-268 L.Halsted
Requires concurrent enrollment in ENGL 120, section #9114.
9117 01:30PM-02:20PM TTH B-268 M.Bucky
Requires concurrent enrollment in ENGL 120, section #9116.

ENGL-090 Basic English Skills 3.0
Pass/No Pass only.
Recommended Preparation: Placement based on assessment.
1257 09:30AM-11:20AM M B-171 A.Lapointe
09:30AM-10:20AM W B-171
10:30AM-11:20AM W B-270
Student must be concurrently enrolled in ENGL 090R #0219.
0218 12:00PM-01:50PM T B-171 B.Kuhn
12:00PM-12:50PM TH B-268
01:00PM-01:50PM TH B-171
Student must be concurrently enrolled in ENGL 090R #5637.
8101 05:45PM-06:35PM T B-171 K.Allen
08:45PM-09:35PM T B-270
Student must be concurrently enrolled in ENGL 090R #8104.

ENGL-090R Reading Skills Development 3.0
Pass/No Pass only.
Recommended Preparation: Placement based on assessment; recommend concurrent enrollment in ENGL 090.
5637 09:30AM-11:20AM T B-171 K.Mcgregor
09:30AM-10:20AM TH B-171
10:30AM-11:20AM TH B-268
Student must be concurrently enrolled in ENGL 090R #0218.
0219 12:00PM-01:50PM M B-171 K.McGregor
12:00PM-12:50PM W B-171
01:00PM-01:50PM W B-268
Student must be concurrently enrolled in ENGL 090R #1257.
8104 05:30PM-06:35PM TH B-171 P.Sloane
08:45PM-09:35PM TH B-268
Student must be concurrently enrolled in ENGL 090R #8104.

ENGL-098 English Fundamentals 4.0
Emphasis on learning basic sentence patterns and composing paragraphs.
Prerequisite: Grade of "Pass" in ENGL 090, 090R or equivalent or assessment.
9732 12:00PM-01:50PM MW B-365 A.Oclancy
Students must be concurrently enrolled in ENGL 098R #2045.

ENGL-098R Reading Fundamentals 3.0
Beginning reading class teaching vocabulary and reading strategies.
Prerequisite: Grade of "Pass" in ENGL 090, 090R or equivalent or assessment.
Recommended Preparation: Strongly recommend concurrent enrollment in ENGL 098.
2045 09:30AM-11:20AM M B-172 M.Bucky
09:30AM-10:20AM W B-172
10:30AM-11:20AM W B-172
Students must be concurrently enrolled in ENGL 098 #9732.

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
ENGL-099 Accel Prep-Read,Reason&Write 5.0
Prerequisite: Grade of "Pass" in ENGL 090, 090R or equivalent or assessment recommendation for ENGL 098.
9096 07:30AM-09:20AM MW B-365 C.Charter
Additional 1 instructional hour/week via Internet.
0568 08:30AM-10:45AM TTH B-269 T.Jabour
9599 09:00AM-01:20PM F B-365 L.Crane
Additional 1 instructional hour/week via Internet.
2048 09:30AM-11:20AM MW B-365 C.Charter
Additional 1 instructional hour/week via Internet.
9125 09:30AM-11:45AM TTH F-411 J.Elder
0562 11:30AM-01:45PM MW B-269 T.Jabour
9126 11:30AM-01:45PM TTH B-269 K.McGregor
9124 06:30PM-08:20PM TTH B-269 K.Bailey
Additional 1 instructional hour/week via Internet.

ENGL-109 Composition for College 4.0
Prerequisite: "C" grade or higher or "Pass" in ENGL 098 or ESL 106 or equivalent or assessment.
8639 TBA WEB=WEB C.Luna
Online course; 70 total instructional hours. Students must email instructor at cynthia.luna@gcccd.edu by 8/22 or they may be dropped from the class.
8633 07:30AM-09:20AM MW B-360 K.McGregor
7490 07:30AM-11:55AM TTH K-121 L.Longobardi Oct 17-Dec 10
GM-ASEP class; open to all students.
8638 09:30AM-11:20AM MW B-271 K.Nelson
Student must be concurrently enrolled in ENGL 110R #5646.
8636 09:30AM-11:20AM TTH B-271 R.Montana
8111 11:30AM-01:20PM MW B-271 H.Hargrave
8643 05:45PM-09:35PM T B-365 T.Larson

ENGL-110R Principles of College Reading 3.0
Prerequisite: "C" grade or higher or "Pass" in ENGL 098 or equivalent or assessment.
Recommended Preparation: Concurrent enrollment in ENGL 109.
5646 12:00PM-01:50PM M B-172 M.Bucky
12:00PM-12:50PM W B-172
01:00PM-01:50PM W B-172
Student must be concurrently enrolled in ENGL 109 #8638.

ENGL-120 College Composition & Reading 3.0
Traditional freshman composition course.
Prerequisite: "C" grade or higher or "Pass" in ENGL 098 or 109 or ESL 119 or 120 or equivalent or assessment.
1305 TBA WEB=WEB C.Cox
Online course; 70 total instructional hours. Failure to email carmen.cox@gcccd.edu by 8/22 may result in being dropped.
2065 TBA WEB=WEB R.Stafford
Online course; 70 total instructional hours. Students who fail to email instructor at robert.stafford@gcccd.edu by 8/22 may be dropped.
7494 TBA WEB=WEB T.Larson
Online course; 70 total instructional hours. Students must email instructor at trina.larson@gcccd.edu by 8/22 or they may be dropped from the class.
9119 TBA WEB=WEB B.Kuhn
Online course; 70 total instructional hours. Students must email instructor at brianna.kuhn@gcccd.edu by 8/22 or they may be dropped from the class.
1280 07:30AM-08:20AM T B-270 K.Wolfe
1341 07:30AM-09:20AM TH B-365 K.Allen
1304 09:30AM-11:20AM M B-360 B.Progar
9096 07:30AM-09:20AM TH B-365 K.Allen
1341 07:30AM-08:20AM W B-271
08:30AM-09:20AM W B-268
9119 09:30AM-10:20AM W B-360 B.Progar
10:30AM-11:20AM W B-268

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

(ENGL-120 continued)

9114  09:30AM-11:20AM M F-411 L.Halsted
9:30AM-10:20AM W F-411
10:30AM-11:20AM W F-411

Course for students who place into ENGL 109/110 but want to enroll directly into English 120. Requires concurrent enrollment in ENGL 020, section #9115.

1286  09:30AM-11:20AM T B-365 C.Cox
09:30AM-10:20AM W B-365
10:30AM-11:20AM TH B-365
12:30PM-12:40PM F B-269 C.Cox

6230  09:30AM-12:40PM T B-365 C.Cox

Additional 1 instructional hour/week via Internet.

7493  11:30AM-12:20PM T B-365 C.Cox
11:30AM-01:20PM TH B-365
12:30PM-01:20PM T B-270

9116  11:30AM-01:20PM T B-271 M.Bucky
11:30AM-12:20PM TH B-271
12:30PM-01:20PM TH B-271

Course for students who place into ENGL 109/110 but want to enroll directly into English 120. Requires concurrent enrollment in ENGL 020, section #9117.

4763  11:30AM-01:20PM W B-360 S.Slater
11:30AM-12:20PM M B-360
12:30PM-01:20PM M B-270
1276  01:30PM-02:20PM T B-271 C.Boeck
02:30PM-03:20PM T B-270
01:30PM-03:20PM TH B-271

2055  01:30PM-03:20PM M B-271 R.Bacchia
01:30PM-02:20PM W B-271
02:30PM-03:20PM W B-268

7496  03:30PM-05:20PM M B-360 T.Jabour
03:30PM-04:20PM W B-360
04:30PM-05:20PM W B-270

2057  03:30PM-05:20PM T B-360 C.Boeck
03:30PM-04:20PM TH B-360
04:30PM-05:20PM TH B-270
1290  05:45PM-06:35PM W B-270 B.Progar
06:45PM-09:35PM W B-365

2068  06:00PM-08:50PM T B-271 A.Oclancy
09:00PM-09:50PM T B-268

## ENGL-122 Introduction to Literature 3.0
Introduces poetry, fiction, drama, and nonfiction from a diversity of sources. Prerequisite: "C" grade or higher or "Pass" in ENGL 120 or equivalent.

1292  TBA WEB-WEB K.Bailey
Online course; 52.5 total instructional hours. Students must email instructor at kim.bally@gcccd.edu by 8/22 or they may be dropped from the class.

7495  TBA WEB-WEB A.Lapointe
Online course; 52.5 total instructional hours. Students must email instructor at audrey.lapointe@gcccd.edu by 8/22 or they may be dropped from the class.

1279  09:30AM-10:45AM TTH B-360 A.Wade

## ENGL-124 Advanced Composition 3.0
Prerequisite: "C" grade or higher or "Pass" in ENGL 120 or equivalent.

1299  TBA WEB-WEB T.Adparvar
Online course; 70 total instructional hours. Students must email the instructor at tina.adparvar@gcccd.edu by 8/22 or they may be dropped from the class.

6256  TBA WEB-WEB C.Zeller
Online course; 70 total instructional hours. Students must email the instructor at carly.zeller@gcccd.edu by 8/22 or they may be dropped from the class.

8152  TBA WEB-WEB C.Luna
Online course; 70 total instructional hours. Students must email the instructor by 8/22 or they may be dropped from the class.
### ENGL-124 continued

<table>
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<tr>
<td>7498</td>
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<td>M</td>
<td>B-269</td>
<td>M. Feigner</td>
</tr>
<tr>
<td></td>
<td>10:30AM-11:20AM</td>
<td>M</td>
<td>B-268</td>
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</tr>
<tr>
<td></td>
<td>09:30AM-11:20AM</td>
<td>W</td>
<td>B-269</td>
<td></td>
</tr>
<tr>
<td>1283</td>
<td>09:30AM-11:20AM</td>
<td>T</td>
<td>B-172</td>
<td>K. Wolfe</td>
</tr>
<tr>
<td></td>
<td>10:30AM-11:20AM</td>
<td>TH</td>
<td>B-270</td>
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<tr>
<td>9120</td>
<td>11:30AM-01:20PM</td>
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<td>F-411</td>
<td>M. Feigner</td>
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<td>W</td>
<td>B-270</td>
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<td>7497</td>
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<td>B-360</td>
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<td>1296</td>
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<td>T</td>
<td>B-172</td>
<td>A. Wade</td>
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<td>TH</td>
<td>B-172</td>
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<td>02:30PM-03:20PM</td>
<td>TH</td>
<td>B-270</td>
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**# ENGL-221 British Literature I 3.0**

Prerequisite: "C" grade or higher or "Pass" in ENGL 120 or equivalent.
Recommended Preparation: "C" grade or higher or "Pass" in ENGL 122 or equivalent.

<table>
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<tbody>
<tr>
<td>9721</td>
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<td>M. Graham</td>
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</table>

### ENGENEERING

**# ENGR-100 Intro to Engineering & Design 4.0**

<table>
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<tr>
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<tbody>
<tr>
<td>9265</td>
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<td>T</td>
<td>F-301</td>
<td>D. McGehee</td>
</tr>
<tr>
<td></td>
<td>10:00AM-12:50PM</td>
<td>TH</td>
<td>F-301</td>
<td></td>
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<tr>
<td>1237</td>
<td>02:00PM-04:50PM</td>
<td>T</td>
<td>F-301</td>
<td>D. McGehee</td>
</tr>
<tr>
<td></td>
<td>02:00PM-04:50PM</td>
<td>TH</td>
<td>F-301</td>
<td></td>
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<tr>
<td>1889</td>
<td>06:00PM-08:50PM</td>
<td>M</td>
<td>F-301</td>
<td>D. McGehee</td>
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<tr>
<td></td>
<td>06:00PM-08:50PM</td>
<td>W</td>
<td>F-301</td>
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**# ENGR-119 Basic Engineering CAD 3.0**

Using AutoCAD 2015.
Prerequisite: "C" grade or higher or "Pass" in CADD 115 or ENGR 100 or equivalent.
Recommended Preparation: Working knowledge of basic computer operations and file administration.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>5955</td>
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<td>MW</td>
<td>F-601</td>
<td>C. Saghafi</td>
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<td>05:00PM-06:50PM</td>
<td>MW</td>
<td>F-601</td>
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**# ENGR-125 3D Solid Modeling 3.0**

Using SolidWorks 2015.
Prerequisite: "C" grade or higher or "Pass" in CADD 115 or ENGR 100 or equivalent.
Recommended Preparation: Working knowledge of basic computer operations and file administration.

<table>
<thead>
<tr>
<th>Code</th>
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<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
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<td>TTH</td>
<td>F-601</td>
<td>C. Saghafi</td>
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<td>05:00PM-06:50PM</td>
<td>TTH</td>
<td>F-601</td>
<td></td>
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</table>

Cross-listed as CADD 125 #1203

**# ENGR-200 Engineering Mechanics-Statics 3.098469765**

Prerequisite: "C" grade or higher or "Pass" in PHYC 190 or equivalent.
Corequisite: MATH 280 or previous enrollment.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>9835</td>
<td>12:30PM-02:00PM</td>
<td>MW</td>
<td>F-620</td>
<td>D. McGehee</td>
</tr>
<tr>
<td>S</td>
<td>9798</td>
<td>02:30PM-04:00PM</td>
<td>MW</td>
<td>F-620</td>
<td>D. McGehee</td>
</tr>
</tbody>
</table>

**# ENGR-210 Electric Circuits 4.0**

Prerequisite: "C" grade or higher or "Pass" in MATH 280, PHYC 200 or equivalent.

<table>
<thead>
<tr>
<th>Code</th>
<th>Time</th>
<th>Days</th>
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</thead>
<tbody>
<tr>
<td>9266</td>
<td>02:00PM-03:15PM</td>
<td>TTH</td>
<td>F-620</td>
<td>N. Serrano</td>
</tr>
<tr>
<td></td>
<td>06:00PM-08:50PM</td>
<td>TH</td>
<td>F-301</td>
<td></td>
</tr>
</tbody>
</table>
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

ENGR-218 Plane Surveying 4.0
Prerequisite: "C" grade or higher or "Pass" in MATH 170 or equivalent or concurrent enrollment.
967 08:00AM-09:50AM  S  F-621  D.Wooley
10:00AM-11:00AM  S  F-621
01:30PM-04:55PM  S  F-621
Also listed as SURV 218 #9561

ENGR-260 Engineering Materials 3.0
Prerequisite: "C" grade or higher or "Pass" in PHYC 190 or equivalent.
Corequisite: CHEM 141 or previous enrollment.
S 8472 04:15PM-05:45PM  MW  F-301  S.Faulhaber Aug 29-Dec 10

ENGR-270 Digital Design 4.0
Prerequisite: "C" grade or higher or "Pass" in MATH 175 or 176 or equivalent.
S 7887 02:00PM-03:30PM  MW  F-301  N.Serrano Aug 29-Dec 10

EXERCISE SCIENCE

# ES-001 Adapted Physical Exercise 1.0
9737 09:30AM-10:20AM  T  D-100  L.Hollands
09:30AM-10:20AM  TH  D-100

# ES-009A Beginning Aerobic Dance Ex 1.0
9276 09:30AM-10:20AM  M  D-205  S.Nordquist
09:30AM-10:20AM  W  D-205

# ES-009B Intermediate Aerobic Dance Ex 1.0
Recommended Preparation: "C" grade or higher or "Pass" in ES 009A or equivalent or specified skill competencies.
6028 09:30AM-10:20AM  M  D-205  S.Nordquist
09:30AM-10:20AM  W  D-205

# ES-009C Advanced Aerobic Dance Ex 1.0
Recommended Preparation: "C" grade or higher or "Pass" in ES 009B or equivalent or specified skill competencies.
8011 09:30AM-10:20AM  M  D-205  S.Nordquist
09:30AM-10:20AM  W  D-205

# ES-010 Cardio Fitness and Nutrition 1.0
Pass/No Pass only.
1606 06:00PM-07:15PM  MW  D-203  L.Dillard

# ES-011 Circuit Training 1.0
Pass/No Pass only.
1608 09:30AM-10:45AM  MW  D-203  L.Dillard
1607 11:00AM-12:15PM  THH  D-203  J.Tomaschke

# ES-012 Sports Conditioning 1.0
Pass/No Pass only.
1610 09:30AM-10:45AM  THH  D-203  J.Tomaschke

# ES-014A Beginning Body Building 1.5
1614 11:00AM-12:50PM  M  D-401  P.Thiss
11:00AM-11:50AM  W  D-401
Class meets in the Free Weights Facility.
1613 11:00AM-12:50PM  T  D-401  P.Thiss
11:00AM-11:50AM  TH  D-401
Class meets in the Free Weights Facility.

# ES-014B Intermediate Body Building 1.5
Recommended Preparation: "C" grade or higher or "Pass" in ES 014A or equivalent.
1620 11:00AM-12:50PM  M  D-401  P.Thiss
11:00AM-11:50AM  W  D-401
Class meets in the Free Weights Facility.

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

(ES-014B continued)

1617    11:00AM-12:50PM   T   D-401   P.Thiss
         11:00AM-11:50AM   TH  D-401
Class meets in the Free Weights Facility.

#  ES-014C Advanced Body Building  1.5
Recommended Preparation: "C" grade or higher or "Pass" in ES 014B or equivalent.
1628    11:00AM-12:50PM   M   D-401   P.Thiss
         11:00AM-11:50AM   W  D-401
Class meets in the Free Weights Facility.

1619    11:00AM-12:50PM   T   D-401   P.Thiss
         11:00AM-11:50AM   TH  D-401
Class meets in the Free Weights Facility.

#  ES-019A Beginning Physical Fitness  1.5
1611    01:00PM-01:50PM   M   D-205   R.Wojtkowski
         01:00PM-01:50PM   WF  D-205
Emphasizes gym/court sports.

#  ES-019B Intermediate Physical Fitness  1.5
Recommended Preparation: "C" grade or higher or "Pass" in ES 019A or equivalent.
1615    01:00PM-01:50PM   M   D-205   R.Wojtkowski
         01:00PM-01:50PM   WF  D-205
Emphasizes gym/court sports.

#  ES-019C Advanced Physical Fitness  1.5
Recommended Preparation: "C" grade or higher or "Pass" in ES 019B or equivalent.
1618    01:00PM-01:50PM   M   D-205   R.Wojtkowski
         01:00PM-01:50PM   WF  D-205
Emphasizes gym/court sports.

#  ES-060A Beginning Badminton  1.0
9738    07:00PM-07:50PM   M   D-100   D.Magnuson
         08:00PM-08:50PM   M  D-100

#  ES-060B Intermediate Badminton  1.0
Emphasis on stroke analysis, strategy, match play.
Recommended Preparation: "C" grade or higher or "Pass" in ES 060A or equivalent.
9739    07:00PM-07:50PM   M   D-100   D.Magnuson
         08:00PM-08:50PM   M  D-100

#  ES-060C Advanced Badminton  1.0
Recommended Preparation: "C" grade or higher or "Pass" in ES 060B or equivalent.
9740    07:00PM-07:50PM   M   D-100   D.Magnuson
         08:00PM-08:50PM   M  D-100

#  ES-076A Beginning Tennis  1.0
Fundamentals of the official singles/doubles game.
9744    08:00AM-09:05AM   F  TC-TC  P.Farmer
         09:15AM-10:05AM   F  TC-TC

#  ES-076B Intermediate Tennis  1.0
Emphasis on stroke analysis, strategy, match play.
Recommended Preparation: "C" grade or higher or "Pass" in ES 076A or equivalent.
9745    08:00AM-09:05AM   F  TC-TC  P.Farmer
         09:15AM-10:05AM   F  TC-TC

#  ES-076C Advanced Tennis  1.0
Emphasis on advanced technique, strategy, match play.
Recommended Preparation: "C" grade or higher or "Pass" in ES 076B or equivalent.
9746    08:00AM-09:05AM   F  TC-TC  P.Farmer
         09:15AM-10:05AM   F  TC-TC

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
Please check WebAdvisor at [https://wa.gcccd.edu](https://wa.gcccd.edu) for course changes (added/cancelled sections, room changes, instructor changes, etc.)

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<td>ES-155A</td>
<td>Beginning Basketball</td>
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<tr>
<td>Introduction to basic skills in basketball.</td>
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<td>07:00PM-08:05PM</td>
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<td>08:15PM-09:05PM</td>
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<tr>
<td>ES-155B</td>
<td>Intermediate Basketball</td>
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<tr>
<td>Intermediate skill level; defensive/offensive tactics and team play.</td>
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<td>Recommended Preparation: &quot;C&quot; grade or higher or &quot;Pass&quot; in ES 155A or equivalent.</td>
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<td>08:15PM-09:05PM</td>
<td>TH</td>
<td>D-100</td>
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<tr>
<td>ES-155C</td>
<td>Advanced Basketball</td>
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<tr>
<td>Emphasis on advanced level skills, tactics, strategy.</td>
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<td>08:15PM-09:05PM</td>
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<td>ES-170A</td>
<td>Beginning Soccer</td>
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<td>Basic soccer strategy; emphasis on individual skills and team play.</td>
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<td>ES-170B</td>
<td>Intermediate Soccer</td>
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<td>Intermediate skills, techniques and team strategy.</td>
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<td>Recommended Preparation: &quot;C&quot; grade or higher or &quot;Pass&quot; in ES 170A or equivalent.</td>
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<td>ES-170C</td>
<td>Advanced Soccer</td>
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<td>Advanced soccer skills and team play.</td>
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<td>ES-175A</td>
<td>Beginning Volleyball</td>
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<td>Individual skills and team strategy.</td>
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<td>ES-175B</td>
<td>Intermediate Volleyball</td>
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<td>Intermediate play, four-person teams and strategies.</td>
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<td>ES-175C</td>
<td>Advanced Volleyball</td>
<td>1.0</td>
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<td>Advanced play, four-person teams and strategies.</td>
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<td>Recommended Preparation: &quot;C&quot; grade or higher or &quot;Pass&quot; in ES 175B or equivalent.</td>
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</tbody>
</table>
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ES-209 Intercollegiate Cross-Country 2.0
$17.50 insurance fee due at registration.
Prerequisite: Tryout
9773 03:30PM-04:20PM MTWTH FLDM T.Hunt
04:30PM-05:20PM MTWTH FLDM
Team competition in women's cross country.
9774 03:30PM-04:20PM MTWTH FLDM T.Seaman
04:30PM-05:20PM MTWTH FLDM
Team competition in men's cross-country.

ES-213 Intercollegiate Golf 2.0
$17.50 insurance fee due at registration.
Prerequisite: Tryout
9775 11:00AM-03:50PM M SYCN-SYCN J.Klein
11:00AM-03:50PM W SYCN-SYCN
Team competition in women's golf. Meets at Sycuan Golf Course, 3007 Dehesa Rd, El Cajon. Students must bring their own golf clubs.

ES-218 Intercollegiate Soccer 2.0
$17.50 insurance fee due at registration.
Prerequisite: Tryout
9776 02:00PM-02:50PM MTWTHFLDM B.Hiatt-Aleu
03:00PM-03:50PM MTWTH FLDM
Team competition in men's soccer.

ES-230 Intercollegiate Volleyball 2.0
$17.50 insurance fee due at registration.
Prerequisite: Tryout
0716 12:00PM-12:50PM MTWTH D-100 K.Pratte
01:00PM-01:50PM MTWTH D-100
Team competition in women's volleyball.

ES-248 Conditioning for Athletes 1.0
$17.50 insurance fee due at registration.
Prerequisite: Recommendation of Intercollegiate Coach
S 7856 02:00PM-03:05PM T TC-TC P.Farmer Oct 17-Dec 10
03:10PM-04:00PM T TC-TC
02:00PM-02:50PM TH TC-TC
03:10PM-04:00PM TH TC-TC
Out of season conditioning program for Cuyamaca College Tennis athletes.
S 7824 02:00PM-04:05PM T TC-TC P.Farmer Aug 22-Oct 15
02:00PM-04:05PM TH TC-TC
Out of season conditioning program for Cuyamaca College Tennis athletes.

ES-249 Comp for Intercoll Athletes 4.0
$17.50 insurance fee due at registration.
Prerequisite: Recommendation of Intercollegiate Coach
3596 02:00PM-02:50PM M D-401 P.Thiss
03:00PM-04:15PM M D-401
02:00PM-04:15PM TH D-401
Out of season conditioning program for Cuyamaca College Men's and Women's Track & Field athletes.
7859 02:00PM-03:50PM MTWF D-100 R.Wojtkowski
05:00PM-05:50PM TH D-100
06:00PM-06:50PM TH D-100
Conditioning and competition in men's basketball.

ES-250 Introduction to Kinesiology 3.0
0013 TBA WEB-WEB P.Farmer
Online course; 52.5 total instructional hours.
S 8012 TBA WEB-WEB P.Thiss Sep 19-Oct 29
Online course; 52.5 total instructional hours.
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

(ES-250 continued)

S  9765  07:30AM-08:50AM  TTH  J.Tomaschke  Aug 23-Dec 15
Meets at Steele Canyon High School, 12440 Campo Road, Spring
Valley, CA, room F-208. No meetings 11/21 to 11/25
(Thanksgiving Break). Contact instructor for enrollment
information.

ES-255 Care/Prevent Athletic Injuries  3.0
1698  06:00PM-08:50PM  W  F-621  L.Burtles
09:00PM-09:50PM  W  F-621

S  7461  05:00PM-09:10PM  W  D-100  R.Wojtkowski  Aug 22-Sep 17

ES-270 Cooperative Games  1.0

S  1696  06:00PM-08:10PM  TTH  F-621  K.Kotowski  Aug 22-Sep 03
Additional 4 instructional hours/week via Internet.

ES-271 Fitness Walking With Children  1.0
S  8013  TBA  WEB-WEB  K.Kotowski  Sep 06-Oct 01
Online course; 17.5 total instructional hours.

ENGLISH AS A SECOND LANGUAGE

ESL-1A Accel Reading & Writing - ESL  6.0
Prerequisite: Grade of "Pass" in ESL 080 or equivalent or
assessment into ESL 096, 100, 1A.
9874  09:30AM-12:20PM  TTH  F-620  V.Neylon
Student must be concurrently enrolled in ESL IAG #9875.
9388  09:30AM-12:20PM  T  E-229  G.Colls
09:30AM-10:20AM  TH  B-154
10:30AM-12:20PM  TH  E-229
Student must be concurrently enrolled in ESL IAG #9389.

ESL-1AG Grammar-ESL Accel Read&Write  3.0
Pass/No Pass only.
Prerequisite: "C" grade or higher or "Pass" in ESL 080 or
equivalent placement, or concurrent enrollment in ESL 1A
9389  12:30PM-01:45PM  TTH  B-258  G.Colls
Student must be concurrently enrolled in ESL 1A #9389.
9875  12:30PM-01:45PM  TTH  F-620  L.Woods
Student must be concurrently enrolled in ESL 1A #9874.

ESL-2A Accel Composition - ESL  6.0
Prerequisite: "C" grade or higher or "Pass" in ESL 103,
"B" grade or higher in ESL 1A, "C" grade or higher in ESL
1B, or equivalent placement into ESL 106 or ESL 2A.
9609  09:30AM-12:20PM  M  B-159  J.Tesar
09:30AM-11:20AM  W  B-159
11:30AM-12:20PM  W  B-270
Student must be concurrently enrolled in ESL 2AG #9392.
9751  09:30AM-12:40PM  W  F-621  C.Corte
09:30AM-11:20AM  F  B-258
11:30AM-12:20PM  F  B-270
Student must be concurrently enrolled in ESL 2AG #9391.

ESL-2AG Grammar for ESL Accel Comp  3.0
Pass/No Pass only.
Prerequisite: "C" grade or higher or "Pass" in ESL 103 or
equivalent, or assessment, or concurrent enrollment in ESL
2A
9392  12:30PM-01:45PM  WW  F-405  J.Tesar
Student must be concurrently enrolled in ESL 2A #9609.
9391  01:00PM-02:15PM  W  F-716  C.Corte
12:30PM-01:50PM  F  F-716
Student must be concurrently enrolled in ESL 2A #9751.

* Satisfies Cal. State University General Education
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<td>ESL-025</td>
<td>ESL Workplace Skills Lab</td>
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<td>9512</td>
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<td>Student must be concurrently enrolled in BOT 100 #1051.</td>
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<td>8888</td>
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<td>ESL-081</td>
<td>ESL Communication</td>
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<td>TH</td>
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<tr>
<td>11:30AM-12:20PM</td>
<td>TH</td>
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<tr>
<td>9133</td>
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<td>L-102</td>
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<td>01:00PM-01:50PM</td>
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<td>12:00PM-01:50PM</td>
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+ Satisfies Cal. State University General Education
+ Satisfies Cuyamaca College General Education (includes Graduation Requirement)
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(ESL-081 continued)

8889 05:00PM-05:50PM T B-154 A.Jamal
06:00PM-07:50PM T F-401
05:00PM-07:50PM TH F-401

ESL-096 English As Second Language III 5.0
Pass/No Pass only. Basic reading, sentence writing and grammar.
Prerequisite: Grade of "Pass" in ESL 080, 081 or equivalent or assessment.
1513 09:30AM-11:20AM M F-407 V.Neylon
11:30AM-12:20PM M B-270
09:30AM-12:20PM W F-407
2193 09:30AM-12:20PM W F-608 G.Tufekci Corte
09:30AM-10:20AM F B-268
10:30AM-12:40PM F F-608
1316 11:00AM-01:50PM T B-159 K.Staff
11:00AM-12:50PM TH B-159
01:00PM-01:50PM TH B-154
5606 02:00PM-04:50PM T B-159 K.Oberlander
02:00PM-03:50PM TH B-159
04:00PM-04:50PM TH B-154
1312 06:30PM-08:20PM M B-159 S.Lange-Velazquez
08:30PM-09:20PM M B-154
06:30PM-09:20PM W B-159

ESL-096L Listening and Speaking III 3.0
Pass/No Pass only.
Prerequisite: Grade of "Pass" in ESL 080, 081 or equivalent or assessment into ESL 096.
7798 08:00AM-09:15AM THH F-401 N.Dalali
5616 08:00AM-09:20AM WTH F-608 G.Tufekci Corte
5613 12:30PM-01:45PM MW F-613 A.Colls
5614 12:30PM-01:45PM TTH L-102 M.Mancillas-Gomez
5615 05:00PM-06:15PM MW B-159 S.Lange-Velazquez

ESL-096R Reading & Vocabulary Dev IIIN 3.0
Pass/No Pass only.
Prerequisite: Grade of "Pass" in ESL 080, 081 or equivalent or assessment into ESL 096.
2313 08:00AM-09:15AM MW B-258 D.Garrett
2317 09:30AM-10:45AM TTH B-159 K.Staff
2319 05:30PM-06:45PM TTH B-258 B.Stern

ESL-100 English as Second Language IV 5.0
Pass/No Pass only.
Prerequisite: Grade of "Pass" in ESL 096 or equivalent or assessment.
7466 09:30AM-12:20PM T F-407 L.Woods
09:30AM-11:20AM TH F-407
11:30AM-12:20PM TH B-270
Student must be concurrently enrolled in BOT #6813.
7469 09:30AM-12:20PM T F-608 K.Salerni
09:30AM-11:20AM TH F-608
11:30AM-12:20PM TH B-154
7468 09:30AM-12:20PM W F-613 S.Kauffman
09:30AM-11:35AM F F-613
11:45AM-12:35PM F B-268
7465 11:30AM-02:20PM M F-407 Y.Yamamoto
11:30AM-12:20PM W B-154
12:30PM-02:20PM W F-407
7467 05:30PM-07:20PM T B-159 A.Colls
07:30PM-08:20PM T B-154
05:30PM-08:20PM TH B-159

ESL-100L Listening and Speaking IV 3.0
Pass/No Pass Only.
Recommended Preparation: Grade of "Pass" in ESL 096L or equivalent or assessment.
5618 08:00AM-09:15AM MW F-401 C.Pettersen

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**ESL-100L continued**

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<td>WF F-411</td>
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**ESL-100R Reading & Vocabulary Dev IV 3.0**

Pass/No Pass only.

Prerequisite: Grade of "Pass" in ESL 096 or 096R or equivalent or assessment into ESL 100.

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<td>Y.Yamamoto</td>
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<tr>
<td>7472</td>
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<td>TTH B-258</td>
<td>K.Salerni</td>
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**ESL-103 English As Second Language V 5.0**

High-intermediate reading, paragraph/essay writing, and grammar.

Prerequisite: "C" grade or higher or "Pass" in ESL 100 or equivalent or assessment.

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<td>M F-405</td>
<td>C.Stuardo</td>
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<td>B.Mowerer</td>
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<td>11:30AM-12:20PM</td>
<td>T F-407</td>
<td>B.Pound</td>
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<tr>
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<td>M B-262</td>
<td>J.Graboi</td>
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<td>8282</td>
<td>01:00PM-02:15PM</td>
<td>T F-405</td>
<td>D.Hills</td>
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<tr>
<td>1331</td>
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<td>M B-171</td>
<td>J.Heiser</td>
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<tr>
<td>7474</td>
<td>09:30AM-11:20AM</td>
<td>T F-613</td>
<td>S.Frame-Day</td>
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<tr>
<td>2211</td>
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<td>M B-159</td>
<td>V.Neylon</td>
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<tr>
<td>1231</td>
<td>01:00PM-02:15PM</td>
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**ESL-103R Reading & Vocabulary Dev V 3.0**

Prerequisite: "C" grade or higher or "Pass" in ESL 100R or equivalent or assessment into ESL 103.

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<td>M.Donan</td>
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**ESL-106 English as Second Language VI 5.0**

Prerequisite: "C" grade or higher or "Pass" in ESL 103 or equivalent or assessment.

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<td>G.Colls</td>
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<td>8282</td>
<td>11:00AM-12:00PM</td>
<td>T F-405</td>
<td>D.Hills</td>
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<tr>
<td>1331</td>
<td>06:30PM-09:20PM</td>
<td>M B-171</td>
<td>J.Heiser</td>
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<tr>
<td>7474</td>
<td>09:30AM-11:20AM</td>
<td>T F-613</td>
<td>S.Frame-Day</td>
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<td>2211</td>
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<td>V.Neylon</td>
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**ESL-119 English Second Language VII 5.0**

Prerequisite: "C" grade or higher or "Pass" in ESL 106 or equivalent or assessment.

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**ELECTRONICS TECHNOLOGY**

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+ Satisfies Cal. State University General Education
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FRENCH

FREN-120 French I 5.0
1337  09:30AM-11:45AM  TTH  F-518  B.Lopez-Hocker
9135  06:30PM-08:45PM  TTH  F-514  T.Carmona

FREN-121 French II 5.0
Prerequisite: "C" grade or higher or "Pass" in FREN 120 or two years of high school French or equivalent.
S 9837  TBA  HHS-HHS  A.Dolphin  Aug 03-Dec 17
87.5 total instructional hours. Class meeting days and times to be announced on the syllabus. Contact instructor for enrollment information. Meets at Helix High School, 7323 University Ave., La Mesa, CA in room 430. No class on Mon. 9/4, Fri. 10/7, Fri. 11/11 and the week of 11/21 (Thanksgiving).

GRAPHIC DESIGN

GD-105 Fundamentals of Digital Media 3.0
Fundamentals of graphic design technology including Adobe Photoshop, Illustrator, InDesign.
Recommended Preparation: Basic computer and file management skills.
1354  TBA  WEB=WEB  M.Kotulski
Online course; 87.5 total instructional hours.
7558  09:30AM-10:20AM  MW  E-230  T.Bugzavich
10:30AM-11:45AM  MW  E-230

GD-110 Graphic Design Principles 3.0
Introduction to graphic design principles; introductory portfolio development.
Prerequisite: "C" grade or higher or "Pass" in GD 105 or equivalent or two years verifiable industry experience.
Recommended Preparation: "C" grade or higher or "Pass" in ART 124 or equivalent.
4689  09:30AM-10:20AM  TTH  E-224  J.Crowley
10:30AM-11:45AM  TTH  E-224

GD-126 Digital Imaging 3.0
Recommended Preparation: "C" grade or higher or "Pass" in GD 105 or equivalent.
0303  01:00PM-02:50PM  MW  E-228  G.Dowden
02:00PM-03:50PM  MW  E-228

GD-129 Page Layout 3.0
Prerequisite: "C" grade or higher or "Pass" in GD 125 or equivalent.
Recommended Preparation: "C" grade or higher or "Pass" in GD 110 or equivalent.
4690  09:30AM-10:20AM  MW  E-228  G.Dowden
10:30AM-11:45AM  MW  E-228

GD-210 Digital Photography I 3.0
Learn to use digital camera controls and improve composition skills. Adjustable digital camera strongly recommended.
$25 material fee for printing inks.
Recommended Preparation: "C" grade or higher or "Pass" in GD 126 or equivalent, or experience using industry standard image editing software.
1357  08:00AM-09:50AM  F  E-228  I.Cummings
10:00AM-01:10PM  F  E-228
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/ cancelled sections, room changes, instructor changes, etc.)

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<td>GD-217</td>
<td>Web Graphics</td>
<td>3.0</td>
<td>Recommended Preparation: &quot;C&quot; grade or higher or &quot;Pass&quot; in CIS 211 or equivalent or basic computer and Internet skills and ability to create and upload a simple website, GD 126 or equivalent or ability to use Adobe Photoshop to create digital images.</td>
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<td>4691 TBA WEB-WEB M.Kotulski Online course; 87.5 total instructional hours.</td>
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<tr>
<td>GD-225</td>
<td>Digital Illustration</td>
<td>3.0</td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in GD 105 or equivalent. Recommended Preparation: &quot;C&quot; grade or higher or &quot;Pass&quot; in ART 124, GD 110 or equivalent.</td>
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<td>7559 01:00PM-01:50PM TTH E-230 J.Crowley 02:00PM-03:15PM TTH E-230</td>
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<tr>
<td>GEOGRAPHY</td>
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<tr>
<td># GEOG-106</td>
<td>World Regional Geography</td>
<td>3.0</td>
<td>Study of regional cultural systems around the world.</td>
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<td>1342 09:30AM-10:45AM TTH H-224 C.Farano</td>
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<td># GEOG-120</td>
<td>Physical Geog: Earth Systems</td>
<td>3.0</td>
<td>Study of Earth's dynamic natural systems.</td>
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<td>1344 08:00AM-09:15AM MW H-224 D.Lulka 1343 11:00AM-12:15PM TTH H-224 C.Farano 1346 03:00PM-04:15PM T H-224 K.Dodson</td>
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<tr>
<td># GEOG-121</td>
<td>Physical Geog Earth Sys Lab</td>
<td>1.0</td>
<td>Applications and investigations of Earth's dynamic natural systems. Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in GEOG 120 or GEOL 104 or equivalent or concurrent enrollment in either course.</td>
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<td>9779 02:00PM-04:50PM T H-224 C.Farano</td>
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<tr>
<td># GEOL-104</td>
<td>Earth Science</td>
<td>3.0</td>
<td>Study of Earth's physical systems including astronomy, geology, oceanography, meteorology and geomorphology.</td>
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<td>4604 09:30AM-10:45AM MW H-224 C.Tems</td>
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<td>HEALTH EDUCATION</td>
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<td># HED-105</td>
<td>Health Education for Teachers</td>
<td>1.0</td>
<td>Online course; 17.5 total instructional hours.</td>
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<td>S</td>
<td>1377 TBA WEB-WEB P.Farmer Aug 22-Sep 24 Online course; 52.5 total instructional hours.</td>
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<td>S</td>
<td>9840 TBA WEB-WEB D.Fisher Sep 12-Jan 28 Online course; 52.5 total instructional hours.</td>
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<td>Designed for dual enrollment students at Health Science High and Middle College. Contact instructor for enrollment information.</td>
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<tr>
<td># HED-120</td>
<td>Personal Health and Lifestyles</td>
<td>3.0</td>
<td>Online course; 52.5 total instructional hours. Email <a href="mailto:scott.herrin@gcccd.edu">scott.herrin@gcccd.edu</a> by 8/19; state section number in subject line.</td>
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<td>1371 TBA WEB-WEB K.Herrin Online course; 52.5 total instructional hours. Email <a href="mailto:lucinda.hollands@gcccd.edu">lucinda.hollands@gcccd.edu</a> by 8/19.</td>
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<td>1374 TBA WEB-WEB P.Farmer Online course; 52.5 total instructional hours. Email <a href="mailto:lucinda.hollands@gcccd.edu">lucinda.hollands@gcccd.edu</a> by 8/19.</td>
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<td>7475 TBA WEB-WEB P.Thiss Online course; 52.5 total instructional hours.</td>
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<td>B.Garrity</td>
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<td>Online course; 52.5 total instructional hours. Email <a href="mailto:betty.garrity@gcccd.edu">betty.garrity@gcccd.edu</a> by 8/19.</td>
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<td>Meets at Health Sciences High &amp; Middle College 3910 University Ave, San Diego, CA 92105 room 200B. No meetings 11/21 to 11/25 (Thanksgiving Break) and, 12/19 to 1/8 (Winter Break). Contact instructor for enrollment information.</td>
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<tr>
<th>Course Code</th>
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<th>Start Date</th>
<th>End Date</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>HED-201</td>
<td>Introduction to Public Health</td>
<td>3.0</td>
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<td>K.Herrin</td>
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<td>Online course; 52.5 total instructional hours. Please ensure your email address is up to date with Admissions &amp; Records in order to receive course materials.</td>
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<th>Time</th>
<th>Room</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>HED-202</td>
<td>Health Professions &amp; Org</td>
<td>3.0</td>
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<td>K.Herrin</td>
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<td>Meets at Health Sciences High &amp; Middle College, 3910 University Ave, San Diego, CA 92105 room 201. No meetings 11/21 to 11/25 (Thanksgiving Break) and, 12/19 to 1/8 (Winter Break). Contact instructor for enrollment information.</td>
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<th>Room</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>HED-203</td>
<td>Substance Abuse &amp; Public Health</td>
<td>3.0</td>
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<td>K.Herrin</td>
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<th>Instructor</th>
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<tbody>
<tr>
<td>HED-204</td>
<td>Health and Social Justice</td>
<td>3.0</td>
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<td></td>
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<td>D.Riley</td>
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<th>Instructor</th>
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<tbody>
<tr>
<td>HED-251</td>
<td>Healthy Lifestyle Theory &amp; App</td>
<td>3.0</td>
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<td></td>
<td></td>
<td></td>
<td>L.Hollands</td>
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<td>Focuses on refugee health and preventive medicine issues.</td>
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<tr>
<th>Course Code</th>
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<th>Units</th>
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<th>Time</th>
<th>Room</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>HIST-100</td>
<td>Early World History</td>
<td>3.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Peter Utgaard</td>
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<td>Study of ancient societies and cultures from historical beginnings to 1500.</td>
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<tr>
<th>Course Code</th>
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<td></td>
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<td></td>
<td>Online course; 52.5 total instructional hours. Please see <a href="http://www.cuyamaca.edu/people/peter-utgaard">www.cuyamaca.edu/people/peter-utgaard</a> for information about the class.</td>
</tr>
</tbody>
</table>

*Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

(HIST-100 continued)
1384 08:00AM-09:15AM  TTH  F-513  J.Gonzalez-Meeks
1385 09:30AM-10:45AM  MW  B-101  D.Salomon
Class meets in the Digital Theatre B101.

# HIST-101 Modern World History 3.0
2109 TBA WEB-WEB  L.Parker
Online course; 52.5 total instructional hours.
Contact instructor for information about the class.
3808 11:00AM-12:15PM  MW  F-513  G.Stam
1598 12:30PM-01:45PM  TTH  F-507  J.Gonzalez-Meeks

# HIST-105 Early Western Civilization 3.0
Overview of early Western Civilization from prehistory through Reformation.
1392 09:30AM-10:45AM  TTH  F-513  S.Boulter

# HIST-108 Early American History 3.0
Exploration of early U.S. history from settlement through the Civil War.
1398 TBA WEB-WEB  S.Haber
Online course; 52.5 total instructional hours. See www.cuyamaca.edu/shaber for orientation, textbook, Blackboard details. MUST log on in Blackboard on 8/17 to register attendance or will be dropped as "no show."
1400 TBA WEB-WEB  A.Tesfamariam
Online course; 52.5 total instructional hours.
S 2112 08:00AM-11:15AM  MW  F-514  J.Jones  Aug 22-Oct 15
1393 11:00AM-12:15PM  TTH  B-101  M.Gonzalez-Meeks
Class meets in the Digital Theatre B101.
1399 02:00PM-03:15PM  TTH  F-513  J.Hernandez
9137 06:00PM-08:15PM  TH  F-513  M.Gonzalez-Meeks

# HIST-109 Modern American History 3.0
Survey of development of the U.S. from Reconstruction to the present.
1402 TBA WEB-WEB  S.Haber
Online course; 52.5 total instructional hours. See www.cuyamaca.edu/shaber for orientation, textbook, Blackboard details. MUST log on in Blackboard on 8/17 to register attendance or will be dropped as "no show."
S 1406 08:15AM-11:20AM  MW  F-512  J.Jones  Oct 17-Dec 10
GM ASEP class; open to all students.
9601 11:00AM-12:15PM  TTH  F-507  J.Hernandez
7786 12:30PM-01:45PM  TTH  F-513  J.Hernandez

# HIST-118 Chicano/Chicana Perspectives I 3.0
Ford ASSET class; open to all students.
2114 08:30AM-11:45AM  MW  F-512  M.Gonzalez-Meeks Aug 22-Oct 15

# HIST-122 Women in Early American Hist 3.0
Exploration of women in U.S. history from settlement through the Civil War.
9136 09:30AM-10:45AM  TTH  F-512  M.Gonzalez-Meeks

# HIST-133 Kumeyaay Hist II:1900-Present 3.0
Meets at Granite Hills High School, 1719 E Madison Ave, El Cajon, CA, room 133. Contact instructor for enrollment information.
9913 03:00PM-04:00PM  MTWTH  GHHS  R.Christman  Aug 22-Nov 19

# HIST-180 U.S. Hist Black Perspectives I 3.0
African Americans in the U.S. from settlement to the Civil War.
1411 06:00PM-08:15PM  T  F-512  A.Tesfamariam

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

**HUMANITIES**

+ **HUM-110 Principles of the Humanities 3.0**
  
  9841 TBA WEB-WEB E.Cline
  
  Online course; 52.5 total instructional hours. Contact edward.cline@gcccd.edu for details.
  
  1412 11:00AM-12:15PM MW F-710 P.Carmona
  1413 11:00AM-12:15PM TTH F-710 P.Carmona

+ **HUM-116 Kumeyaay Arts and Culture 3.0**
  
  9395 05:30PM-08:35PM TH SYCN-SYCN L.Banegas
  
  For class information, please contact Sycuan Cultural Department at (619) 445-6917.

+ **HUM-115 Mythology 3.0**
  
  1418 TBA WEB-WEB B.McGraw
  
  Online course; 52.5 total instructional hours.
  
  See www.cuyamaca.edu/bruce.mcgraw after 8/8 for start-up instructions.

**LIBRARY INFORMATION RESOURCES**

**+ LIR-110 Research Methods Online World 1.0**

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course Title</th>
<th>Time</th>
<th>Day</th>
<th>Location</th>
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<tbody>
<tr>
<td>9641</td>
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<td>03:30PM-04:45PM</td>
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<td>VHS-VHS STAFF</td>
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</tbody>
</table>

Additional 1 instructional hour/week via Internet.

Meets at Valhalla High School, 1725 Hillsdale Rd, El Cajon, CA

**MATH-010 Just-In-Time Support-Int Alg 3.0**

Pass/No Pass only.

Prerequisite: Appropriate placement.

Corequisite: Concurrent enrollment in MATH 110 at Cuyamaca College.

9235 07:30AM-08:20AM T H-139 F.Watson
  08:30AM-09:45AM T H-119
  08:30AM-09:45AM TH H-139

Student must be concurrently enrolled in MATH 110 #9236.

9221 11:00AM-12:15PM M H-128 R.Gloria
  10:00AM-10:50AM W H-128
  11:00AM-12:15PM W H-119

Student must be concurrently enrolled in MATH 110 #9222.

9229 11:30AM-12:20PM T H-127 P.Eckert
  12:30PM-01:45PM T H-119
  12:30PM-01:45PM TH H-127

Student must be concurrently enrolled in MATH 110 #9230.

9225 12:30PM-01:20PM W H-127 C.Vallejo
  12:30PM-01:45PM F H-127
  01:55PM-03:20PM F H-119

Student must be concurrently enrolled in MATH 110 #9226.

9233 01:00PM-01:50PM T H-133 A.Arroyo
  02:00PM-03:15PM T H-119
  02:00PM-03:15PM TH H-133

Student must be concurrently enrolled in MATH 110 #9234.

9244 01:00PM-02:15PM M H-113 P.Eckert
  12:00PM-12:50PM W H-113
  01:00PM-02:15PM W H-119

Student must be concurrently enrolled in MATH 110 #9245.

9227 02:30PM-03:20PM T H-139 L.Raffo
  03:30PM-04:45PM T H-119
  03:30PM-04:45PM TH H-139

Student must be concurrently enrolled in MATH 110 #9228.

9248 04:00PM-05:50PM T H-114 J.Nguyen
  05:00PM-06:15PM T H-119
  05:00PM-06:15PM TH H-114

Student must be concurrently enrolled in MATH 110 #9249.
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

(MATH-010 continued)
9218  06:00PM-07:15PM  M  H-119  V.Phung
05:00PM-06:15PM  W  H-119
06:00PM-07:15PM  W  H-119
Student must be concurrently enrolled in MATH 110 #9219.
9246  08:00PM-09:15PM  M  H-113  R.Krajewski
07:00PM-08:15PM  W  H-113
08:00PM-09:15PM  W  H-119
Student must be concurrently enrolled in MATH 110 #9247.

MATH-060 Just-In-Time Support-Elm Stat 2.0
Pass/No Pass only.
Prerequisite: Appropriate placement.
Corequisite: Concurrent enrollment in MATH 160 at Cuyamaca College.
9579  07:30AM-09:35AM  F  H-118  S.Ruderman
Student must be concurrently enrolled in MATH 160 #9580.
9582  02:00PM-02:50PM  TTH  H-118  K.Naimark
Student must be concurrently enrolled in MATH 160 #9583.

MATH-075 Int-Algebra for MATH 175 2.0
Pass/No Pass only.
Prerequisite: Appropriate placement.
Corequisite: Concurrent enrollment in MATH 175 at Cuyamaca College.
9175  09:00AM-09:50AM  TTH  H-113  M.Shah
Student must be concurrently enrolled in MATH 175 #9176.

MATH-076 Intermediate Algebra-MATH 176 2.0
Pass/No Pass only.
Prerequisite: Appropriate placement.
Corequisite: Concurrent enrollment in MATH 176 at Cuyamaca College.
9177  09:00AM-09:50AM  TTH  H-113  M.Shah
Student must be concurrently enrolled in MATH 176 #9178.

MATH-078 Intermediate Algebra-MATH 178 2.0
Pass/No Pass only.
Prerequisite: Appropriate placement.
Corequisite: Concurrent enrollment in MATH 178 at Cuyamaca College.
9179  10:00AM-10:50AM  TTH  H-113  V.Trang
Student must be concurrently enrolled in MATH 178 #9180.

MATH-096 Preparation - Elem Statistics 6.0
Pass/No Pass only.
An accelerated one-course pathway to transfer-level Statistics (Math 160). This is a new approach designed specifically for students who do NOT intend to major in math, science, engineering or business. For more info visit
7481  10:00AM-12:50PM  TTH  H-128  M.Ahsan
0116  01:00PM-03:50PM  MW  H-114  G.Iorio
9790  05:00PM-07:50PM  TTH  H-138  T.Nichols

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/ cancelled sections, room changes, instructor changes, etc.)

<table>
<thead>
<tr>
<th>MATH-110 Int Algebra Bus, Math, Sci, Engr 5.0</th>
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</thead>
<tbody>
<tr>
<td>For science majors; great prep for the ELM test.</td>
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<tr>
<td>Prerequisite: Grade of &quot;Pass&quot; in MATH 090 or equivalent.</td>
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<tr>
<td>9236 07:30AM-09:20AM MM H-139 F.Watson</td>
</tr>
<tr>
<td>07:30AM-08:20AM TH H-139</td>
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<tr>
<td>Student must be concurrently enrolled in MATH 010 #9235.</td>
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<tr>
<td>9194 07:30AM-09:45AM MM H-133 E.Preibisius</td>
</tr>
<tr>
<td>1826 08:00AM-10:15AM MM H-134 M.Touchet</td>
</tr>
<tr>
<td>1446 08:00AM-10:15AM TTH H-134 E.Preibisius</td>
</tr>
<tr>
<td>9222 08:00AM-10:50AM M H-128 R.Gloria</td>
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<tr>
<td>08:00AM-09:50AM W H-128</td>
</tr>
<tr>
<td>Student must be concurrently enrolled in MATH 010 #9221.</td>
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<tr>
<td>9230 09:30AM-11:20AM T H-127 P.Eckert</td>
</tr>
<tr>
<td>09:30AM-12:20PM TH H-127</td>
</tr>
<tr>
<td>Student must be concurrently enrolled in MATH 010 #9229.</td>
</tr>
<tr>
<td>1445 10:00AM-12:15PM MM H-133 M.Balegh</td>
</tr>
<tr>
<td>9245 10:00AM-12:50PM M H-113 P.Eckert</td>
</tr>
<tr>
<td>10:00AM-11:50AM W H-113</td>
</tr>
<tr>
<td>Student must be concurrently enrolled in MATH 010 #9244.</td>
</tr>
<tr>
<td>9234 11:00AM-12:50PM T H-133 A.Arroyo</td>
</tr>
<tr>
<td>11:00AM-01:50PM TH H-133</td>
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<tr>
<td>Student must be concurrently enrolled in MATH 010 #9233.</td>
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<tr>
<td>8015 12:30PM-01:55PM MMF H-139 M.Vargas</td>
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<tr>
<td>9228 12:30PM-02:20PM T H-139 L.Raffo</td>
</tr>
<tr>
<td>12:30PM-03:20PM TH H-139</td>
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<tr>
<td>Student must be concurrently enrolled in MATH 010 #9227.</td>
</tr>
<tr>
<td>9226 12:30PM-03:20PM M H-127 C.Vallejo</td>
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<tr>
<td>01:30PM-03:20PM W H-127</td>
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<tr>
<td>Student must be concurrently enrolled in MATH 010 #9225.</td>
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<tr>
<td>9249 02:00PM-03:50PM T H-114 J.Nguyen</td>
</tr>
<tr>
<td>02:00PM-04:50PM TH H-114</td>
</tr>
<tr>
<td>Student must be concurrently enrolled in MATH 010 #9248.</td>
</tr>
<tr>
<td>1448 02:00PM-04:15PM TTH H-138 C.Koether</td>
</tr>
<tr>
<td>1456 02:30PM-03:35PM MTWTH H-113 M.Balegh</td>
</tr>
<tr>
<td>1449 03:00PM-05:15PM MM H-134 R.Stevens</td>
</tr>
<tr>
<td>9219 03:00PM-05:50PM M H-118 V.Phung</td>
</tr>
<tr>
<td>03:00PM-04:50PM W H-118</td>
</tr>
<tr>
<td>Student must be concurrently enrolled in MATH 010 #9218.</td>
</tr>
<tr>
<td>1827 03:30PM-05:45PM TTH H-133 R.Stevens</td>
</tr>
<tr>
<td>9247 05:00PM-07:50PM M H-113 R.Krajewski</td>
</tr>
<tr>
<td>05:00PM-06:50PM W H-113</td>
</tr>
<tr>
<td>Student must be concurrently enrolled in MATH 010 #9246.</td>
</tr>
<tr>
<td>1450 06:00PM-08:15PM MM H-128 V.Hergul</td>
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<thead>
<tr>
<th>MATH-120 Math for General Education 3.0</th>
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<tbody>
<tr>
<td>Survey course meeting the minimum CSU requirement in mathematics.</td>
</tr>
<tr>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in MATH 103 or 110 or equivalent.</td>
</tr>
<tr>
<td>1452 08:00AM-09:15AM MM H-127 G.Creswel</td>
</tr>
<tr>
<td>1451 08:00PM-09:15PM TTH H-127 K.Stovall</td>
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</tbody>
</table>

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<thead>
<tr>
<th>MATH-160 Elementary Statistics 4.0</th>
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</thead>
<tbody>
<tr>
<td>Applications from various fields including science, business, psychology.</td>
</tr>
<tr>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in MATH 096 or 103 or 110 or equivalent.</td>
</tr>
<tr>
<td>S 1469 TBA WEB=WEB H.Noble Sep 19-Dec 10</td>
</tr>
<tr>
<td>Online course; 70 total instructional hours.</td>
</tr>
<tr>
<td>S 8890 TBA WEB=WEB B.Elliott Oct 17-Dec 10</td>
</tr>
</tbody>
</table>
| Online course; 70 total instructional hours. Please read syllabus for more information BEFORE enrolling. Mandatory orientation, class details at www.cuyamaca.edu/bryan.elliott. Mandatory orientation must be completed no later than 11:59pm on first day of class (or within 24 hours if you add after first day of class). Registration in MyStatLab course management system required.

+ Satisfies Cal. State University General Education
+ Satisfies Cuyamaca College General Education (includes Graduation Requirement)
S 8177 TBA WEB-WEB B.Elliott Aug 22-Oct 15
Online course; 70 total instructional hours. Please read syllabus for more information BEFORE enrolling. Mandatory orientation, class details at www.cuyamaca.edu/bryan.elliott.
Mandatory orientation must be completed no later than 11:59pm on first day of class (or within 24 hours if you add after first day of class). Registration in MyStatLab course management system required.
9580 07:30AM-09:20AM MW H-118 S.Ruderman
Student must be concurrently enrolled in MATH 060 #9597.
1462 08:00AM-09:50AM MW H-138 B.Elliott
Student must be concurrently enrolled in MATH 060 #9172.
9570 08:00AM-09:50AM TTH H-128 H.Nguyen
Student must be concurrently enrolled in MATH 060 #9569.
S 9596 09:30AM-12:30PM F HSHM-HSHM M.Shacklett Sep 12-Jan 28
Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room TBA. No meetings 11/21 to 11/25 (Thanksgiving Break) and, 12/19 to 1/8 (Winter Break).
Contact instructor for enrollment information.
7486 10:30AM-12:20PM MW H-134 M.Cebecioglu
9250 11:00AM-12:50PM MW H-114 A.Krauss
Student must be concurrently enrolled in MATH 060 #9250.
1832 11:00AM-12:50PM TTH H-134 V.Trang
9572 12:00PM-01:50PM MW H-118 D.Curtis
Student must be concurrently enrolled in MATH 060 #9571.
9595 12:00PM-01:50PM MW H-138 S.Sikder
Student must be concurrently enrolled in MATH 060 #9594.
5507 12:00PM-01:50PM TTH H-138 B.Elliott
9583 12:00PM-01:50PM TTH H-118 K.Sherer
Student must be concurrently enrolled in MATH 060 #9582.
1463 01:00PM-02:50PM MW H-133 A.Krauss
9585 02:00PM-03:50PM TTH H-128 L.Terbell
Student must be concurrently enrolled in MATH 060 #9584.
S 1461 03:00PM-07:25PM TTH H-134 H.Nguyen Oct 17-Dec 10
1464 04:00PM-05:50PM MW H-128 K.Naimark
9253 05:00PM-06:50PM TTH H-128 K.Naimark
Student must be concurrently enrolled in MATH 060 #9252.
9577 06:00PM-07:50PM MW H-134 S.Condon
Student must be concurrently enrolled in MATH 060 #9576.
8016 06:00PM-07:50PM TTH H-139 S.Briggs

### MATH-170 Analytic Trigonometry 3.0
Study of the trigonometric functions. Prerequisite: "C" grade or higher or "Pass" in MATH 097, 110 or equivalent.
S 9764 09:30AM-12:45PM M HSHM-HSHM M.Ahsan Sep 12-Jan 28
Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room TBA. No meetings 11/21 to 11/25 (Thanksgiving Break) and, 12/19 to 1/8 (Winter Break).
Contact instructor for enrollment information.
9781 11:00AM-12:15PM TTH H-113 C.Koether

### MATH-175 College Algebra 4.0
Continuation of MATH 110; emphasis on pre-calculus topics. Prerequisite: "C" grade or higher or "Pass" in MATH 110 or equivalent (MATH 103 does not meet the prerequisite).
9782 12:30PM-02:20PM TTH H-113 M.Touchet
9176 02:00PM-03:50PM MW H-139 C.Navo
Student must be concurrently enrolled in MATH 075 #9175.
9783 06:00PM-07:50PM MW H-138 M.Vargas

### MATH-176 Precalculus-Functions & Graphs 6.0
Prerequisite: "C" grade or higher or "Pass" in MATH 110 or equivalent (MATH 103 does not meet the prerequisite).
9178 08:00AM-09:50AM MW H-113 M.Shah
08:00AM-08:50AM TTH H-113
Student must be concurrently enrolled in MATH 076 #9177.

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

(MATH-176 continued)
9785 08:00AM-10:50AM TTH H-114 A.Schraff
9784 09:30AM-12:20PM MW H-127 G.Creswell
9195 03:00PM-05:50PM MW H-138 K.Stovall
9795 04:00PM-06:50PM TTH H-113 M.On-Thai

# MATH-178 Calculus Bus, Soc & Behav Sci 4.0
Calculus for non-science majors.
Prerequisite: "C" grade or higher or "Pass" in MATH 110 or equivalent (MATH 103 does not meet the prerequisite).
9786 08:00AM-09:50AM TTH H-138 M.Noble
9180 09:30AM-12:20PM MW H-127 G.Creswell
9195 03:00PM-05:50PM MW H-138 K.Stovall
9795 04:00PM-06:50PM TTH H-113 M.On-Thai

# MATH-180 Analytic Geometry & Calculus I 5.0
Prerequisite: "C" grade or higher or "Pass" in MATH 170 and 175, or MATH 176 or equivalent.
9788 10:00AM-12:15PM MW H-139 M.Wolfson
9789 10:00AM-12:15PM TTH H-139 L.Raffo
9196 03:00PM-05:15PM TTH H-118 S.Youssef

# MATH-280 Analytic Geometry & Calculus II 4.0
Continuation of MATH 180 for math, science and engineering majors.
Prerequisite: "C" grade or higher or "Pass" in MATH 180 or equivalent.
9792 10:00AM-11:50AM MW H-138 D.Curtis
9791 10:00AM-11:50AM TTH H-118 K.Havens
9197 02:00PM-03:50PM MW H-128 M.Wolfson

# MATH-281 Multivariable Calculus 4.0
Multivariable calculus for math, science and engineering majors.
Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent.
9793 10:00AM-11:50AM MW H-118 L.Raffo
7487 10:00AM-11:50AM TTH H-138 T.Marshall

# MATH-284 Linear Algebra 3.0
Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent.
9794 12:30PM-01:45PM TTH H-114 D.Curtis

# MATH-285 Differential Equations 3.0
Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent.
7709 12:30PM-01:45PM MW H-128 C.Navo

MUSIC

MUS-001 Music Fundamentals 4.0
8290 09:00AM-10:50AM TTH B-301 J.Sepulvado

MUS-090 Prep Performance Studies I 0.5
Pass/No Pass Only.
6273 12:00PM-01:05PM F B-312 J.Sepulvado
Plus 8 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email taylor.smith@gcccd.edu for audition information.

MUS-091 Prep Performance Studies II 0.5
Pass/No Pass Only.
6274 12:00PM-01:05PM F B-312 J.Sepulvado
Plus 8 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email taylor.smith@gcccd.edu for audition information.

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
MUS-104 Intro to the Music Industry 3.0
4710 11:00AM-12:15PM MW B-301 T.Smith

MUS-106 Music Theory and Practice II 4.0
Prerequisite: "C" grade or higher or "Pass" in MUS 105 or equivalent.
8289 09:00AM-10:50AM TTH B-312 O.Keegan/E.Jordan
09:00AM-10:50AM F B-312

MUS-108 Rock, Pop and Soul Ensemble 1.0
Prerequisite: Audition
4727 06:00PM-07:30PM M B-209 T.Smith
07:40PM-09:15PM M B-209
Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email taylor.smith@gcccd.edu for audition information.

MUS-109 Rock, Pop and Soul Ensemble 1.0
Prerequisite: Audition
9451 06:00PM-07:30PM M B-209 T.Smith
07:40PM-09:15PM M B-209
Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email taylor.smith@gcccd.edu for audition information.

MUS-110 Great Music Listening 3.0
9148 TBA WEB=WEB H.Vorwerck
Online course; 52.5 total instructional hours.
3309 09:30AM-10:45AM MW B-301 J.Sepulvado
1498 11:00AM-12:15PM TTH B-301 J.Sepulvado

MUS-111 History of Jazz 3.0
S 1492 TBA WEB=WEB S.Walton Aug 22-Oct 15
Online course; 52.5 total instructional hours. See www.cuyamaca.edu/scott.walton for orientation. Assignments are due at end of first week.
S 8009 TBA WEB=WEB S.Walton Oct 17-Dec 10
Online course; 52.5 total instructional hours. See www.cuyamaca.edu/scott.walton for orientation. Assignments are due at end of first week.
7533 11:00AM-12:15PM TTH B-312 D.Bigham

MUS-115 History of Rock Music 3.0
S 0203 TBA WEB=WEB S.Walton Oct 17-Dec 10
Online course; 52.5 total instructional hours. See www.cuyamaca.edu/scott.walton for orientation. Assignments are due at end of first week.
9149 TBA WEB=WEB D.Bigham
Online course; 52.5 total instructional hours.
7534 09:00AM-10:15AM MW B-312 A.Hacker
1496 12:30PM-01:45PM TTH B-101 D.Bigham
Class meets in the Digital Theatre B101.

MUS-116 Introduction to World Music 3.0
S 7530 TBA WEB=WEB A.Hacker Oct 17-Dec 10
Online course; 52.5 total instructional hours.
1498 12:30PM-01:45PM MW B-301 A.Hacker

MUS-119 Coop Work Exp Music Education
8535 TBA T.Smith
For enrollment information contact taylor.smith@gcccd.edu
2 units=150 hours paid/120 hours unpaid work experience.
8536 TBA T.Smith
For enrollment information contact taylor.smith@gcccd.edu
3 units=225 hours paid/180 hours unpaid work experience.
8538 TBA T.Smith
For enrollment information contact taylor.smith@gcccd.edu
4 units=300 hours paid/240 hours unpaid work experience.
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

(MUS-119 continued)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS-120</td>
<td>Intro to Music Technology</td>
<td>3.0</td>
<td>TBA</td>
<td>01:00PM-03:50PM</td>
<td>T</td>
<td>B-209 T.Smith</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>01:00PM-02:50PM</td>
<td>TH</td>
<td>B-209</td>
</tr>
<tr>
<td>MUS-121</td>
<td>Music Industry Seminar</td>
<td>1.0</td>
<td>F</td>
<td>01:15PM-03:05PM</td>
<td>B-312</td>
<td>T.Smith/A.Zuckerman</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TH</td>
<td>01:15PM-03:05PM</td>
<td>B-312</td>
<td>T.Smith/A.Zuckerman</td>
</tr>
<tr>
<td>MUS-126</td>
<td>Class Guitar I</td>
<td>2.0</td>
<td>TTH</td>
<td>01:00PM-01:50PM</td>
<td>B-301</td>
<td>J.Davis</td>
</tr>
<tr>
<td>MUS-127</td>
<td>Class Guitar II</td>
<td>2.0</td>
<td>TTH</td>
<td>01:00PM-01:50PM</td>
<td>B-301</td>
<td>J.Davis</td>
</tr>
<tr>
<td>MUS-132</td>
<td>Class Piano I</td>
<td>3.0</td>
<td>MW</td>
<td>01:00PM-02:15PM</td>
<td>B-209</td>
<td>M.Nelson</td>
</tr>
<tr>
<td>MUS-133</td>
<td>Class Piano II</td>
<td>3.0</td>
<td>MW</td>
<td>02:30PM-03:45PM</td>
<td>B-209</td>
<td>J.Harris</td>
</tr>
<tr>
<td>MUS-152</td>
<td>Concert Band</td>
<td>1.0</td>
<td>T</td>
<td>06:30PM-08:00PM</td>
<td>B-301</td>
<td>J.Sepulvado</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>T</td>
<td>08:10PM-09:35PM</td>
<td>B-301</td>
<td>J.Sepulvado</td>
</tr>
</tbody>
</table>

Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email instructor for audition information.

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<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
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<tbody>
<tr>
<td>MUS-153</td>
<td>Concert Band</td>
<td>1.0</td>
<td>T</td>
<td>06:30PM-08:00PM</td>
<td>B-301</td>
<td>J.Sepulvado</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>T</td>
<td>08:10PM-09:35PM</td>
<td>B-301</td>
<td>J.Sepulvado</td>
</tr>
</tbody>
</table>

Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email instructor for audition information.

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<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS-158</td>
<td>Chorus</td>
<td>1.0</td>
<td>W</td>
<td>05:30PM-07:00PM</td>
<td>B-120</td>
<td>P.Infantino</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>W</td>
<td>07:10PM-08:35PM</td>
<td>B-120</td>
<td>P.Infantino</td>
</tr>
</tbody>
</table>

Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email instructor for audition information.

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<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS-159</td>
<td>Chorus</td>
<td>1.0</td>
<td>W</td>
<td>05:30PM-07:00PM</td>
<td>B-120</td>
<td>P.Infantino</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>W</td>
<td>07:10PM-08:35PM</td>
<td>B-120</td>
<td>P.Infantino</td>
</tr>
</tbody>
</table>

Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email instructor for audition information.

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

MUS-161 Coop Work Exp Music Industry
8539 TBA T.Smith
For enrollment information contact taylor.smith@gcccd.edu
2 units=150 hours paid/120 hours unpaid work experience.
8541 TBA T.Smith
For enrollment information contact taylor.smith@gcccd.edu
3 units=225 hours paid/180 hours unpaid work experience.
8542 TBA T.Smith
For enrollment information contact taylor.smith@gcccd.edu
4 units=300 hours paid/240 hours unpaid work experience.

MUS-170 Class Voice 2.0
Recommended Preparation: Ability to read music.
9161 02:00PM-03:50PM  T  B-312 E.Jordan

MUS-171 Class Voice 2.0
Recommended Preparation: Ability to read music.
9162 02:00PM-03:50PM  T  B-312 E.Jordan

MUS-190 Performance Studies 0.5
Prerequisite: Audition.
5996 12:00PM-01:05PM  F  B-312 J.Sepulvado
Plus 8 hours of rehearsals and public performances to be
arranged with the instructor during the semester. Audition
required: email taylor.smith@gcccd.edu for audition information.

MUS-191 Performance Studies 0.5
Prerequisite: Audition.
6000 12:00PM-01:05PM  F  B-312 J.Sepulvado
Plus 8 hours of rehearsals and public performances to be
arranged with the instructor during the semester. Audition
required: email taylor.smith@gcccd.edu for audition information.

MUS-208 Rock, Pop and Soul Ensemble 1.0
Prerequisite: Audition
9452 06:00PM-07:30PM  M  B-209 T.Smith
07:40PM-09:15PM  M  B-209
Plus 32 hours of rehearsals and public performances to be
arranged with the instructor during the semester. Audition
required: email taylor.smith@gcccd.edu for audition information.

MUS-209 Rock, Pop and Soul Ensemble 1.0
Prerequisite: Audition
5447 06:00PM-07:30PM  M  B-209 T.Smith
07:40PM-09:15PM  M  B-209
Plus 32 hours of rehearsals and public performances to be
arranged with the instructor during the semester. Audition
required: email taylor.smith@gcccd.edu for audition information.

MUS-221 Music Industry Seminar 1.0
9442 01:15PM-03:05PM  F  B-312 T.Smith/A.Zuckerman
Plus 24 hours of rehearsals, public performances and events to be
arranged with the instructor during the semester.

MUS-222 Music Industry Seminar 1.0
5154 01:15PM-03:05PM  F  B-312 T.Smith/A.Zuckerman
Plus 24 hours of rehearsals, public performances and events to be
arranged with the instructor during the semester.

MUS-232 Class Piano III 3.0
Prerequisite: "C" grade or higher or "Pass" in MUS 133 or
equivalent.
1513 02:30PM-03:45PM  MW  B-209 J.Harris

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

**MUS-233 Class Piano IV** 3.0  
Prerequisite: "C" grade or higher or "Pass" in MUS 232 or equivalent.  
1514 02:30PM-03:45PM MW B-209 J.Harris

**MUS-252 Concert Band** 1.0  
Prerequisite: Audition  
9159 06:30PM-08:00PM T B-301 J.Sepulvado  
08:10PM-09:35PM T B-301  
Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email instructor for audition information.

**MUS-253 Concert Band** 1.0  
Prerequisite: Audition  
9160 06:30PM-08:00PM T B-301 J.Sepulvado  
08:10PM-09:35PM T B-301  
Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email instructor for audition information.

**MUS-258 Chorus** 1.0  
Prerequisite: Audition  
5157 05:30PM-07:00PM W B-120 P.Infantino  
07:10PM-08:35PM W B-120  
Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email instructor for audition information.

**MUS-259 Chorus** 1.0  
Prerequisite: Audition  
5158 05:30PM-07:00PM W B-120 P.Infantino  
Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email instructor for audition information.

**MUS-270 Class Voice** 2.0  
Recommended Preparation: Ability to read music.  
9163 02:00PM-03:50PM T B-312 E.Jordan

**MUS-271 Class Voice** 2.0  
Recommended Preparation: Ability to read music.  
9164 02:00PM-03:50PM T B-312 E.Jordan

**MUS-290 Performance Studies** 0.5  
Prerequisite: Audition  
6001 12:00PM-01:05PM F B-312 J.Sepulvado  
Plus 8 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email taylor.smith@gcccd.edu for audition information.

**MUS-291 Performance Studies** 0.5  
Prerequisite: Audition  
6002 12:00PM-01:05PM F B-312 J.Sepulvado  
Plus 8 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email taylor.smith@gcccd.edu for audition information.

**NATIVE AMERICAN LANGUAGES**

**NAKY-120 Kumeyaay I** 4.0  
S 8173 05:00PM-08:50PM T SYCN-SYCN R.Christman Sep 06-Dec 10  
For class information, please contact Sycuan Cultural Department at (619) 445-6917.
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

+ NAKY-220 Kumeyaay III 4.0
Prerequisite: "C" grade or higher or "Pass" in NAKY 121 or equivalent.
9399 05:30PM-07:20PM MW SYCN-SYCN S.Rodriguez
For class information, please contact Sycuan Cultural Department at (619) 445-6917.

OCEANOGRAPHY

+ OCEA-112 Introduction to Oceanography 3.0
Study of Earth's dynamic ocean environment.
9382 08:00AM-09:15AM TTH H-224 C.Tems
4605 11:00AM-12:15PM MW H-224 C.Tems
5135 12:30PM-01:45PM TTH H-224 C.Tems

+ OCEA-113 Oceanography Laboratory 1.0
Applications and investigations of Earth's dynamic ocean environment.
Prerequisite: "C" grade or higher or "Pass" in OCEA 112 or equivalent or concurrent enrollment.
9796 02:00PM-05:05PM TH H-224 C.Tems

ORNAMENTAL HORTICULTURE

OH-102 Xeriscape: Water Conservation 2.0
Landscape water conservation principles and practices.
1515 05:00PM-06:50PM T M-111 L.Rottke

OH-105 Edibles in Urban Landscapes 1.5
S 9863 05:00PM-08:05PM W M-111 B.Kotnik Oct 17-Dec 10

OH-105A Edibles-Urban Landscapes Appn 1.5
Prerequisite: Student is a registered State indentured apprentice.
S 9860 05:00PM-08:05PM W M-111 B.Kotnik Oct 17-Dec 10
This course is part of a state approved apprenticeship and is open to students accepted into the apprenticeship program. Contact Abigail Allen @ Abigaillallen@gmail.com for more information.

OH-114 Floral Design I 3.0
Theory/practice of basic and contemporary floral designs and business practices. $150 fresh flower fee allows students to keep their floral arrangements; payment plan available when registering.
0178 04:00PM-05:50PM T M-105 D.Citrowske
06:00PM-08:50PM T M-105

OH-116 Floral Design II 3.0
Advanced theories/design techniques for contemporary floral designs and business practices. $200 fresh flower fee allows students to keep their floral arrangements; payment plan available when registering.
Prerequisite: "C" grade or higher or "Pass" in OH 114 or equivalent.
9355 04:00PM-06:05PM M M-105 D.Citrowske
06:15PM-09:05PM M M-105

OH-120 Fundamentals Ornamental Hort 3.0
Plant structure, soils, fertilizers, basic horticultural practices.
1521 10:00AM-11:50AM W M-105 T.Faulstich
12:00PM-02:50PM W M-105
2143 07:10PM-09:15PM M M-105 D.Schultz
08:00AM-12:00PM S M-105
12:30PM-03:45PM S M-105
Saturday morning and afternoon are one class meeting 8/27, 9/10, 9/24, 10/8, 10/22, 11/5, 12/3

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

OH-120A Fundamentals OH - Apprentice 3.0
Prerequisite: Student is a registered State indentured apprentice.
9861 07:10PM-09:15PM M M-105 D.Schultz
08:00AM-12:00PM S M-105
12:30PM-03:45PM S M-105
This course is part of a state approved apprenticeship and is open to students accepted into the apprenticeship program. Contact Abigail Allen @ Abigaillallen@gmail.com for more information.

OH-170 Plant Materials: Trees, Shrubs 3.0
Identification, cultural characteristics of 125 landscape trees and shrubs.
2140 12:00PM-02:50PM T M-111 D.Schultz
This class meets at Balboa Park for 7 of the class sessions.

OH-172 Intro to Landscape Design 3.0
Principles of residential landscape design for usable, pleasant outdoor spaces.
Recommended Preparation: "C" grade or higher or "Pass" in OH 171 or equivalent
9356 04:00PM-05:50PM W M-100 S.Holladay
06:00PM-08:50PM W M-100

OH-173 Intermediate Landscape Design 3.0
Advanced site analysis/use relationships for estate and residential designs.
Prerequisite: "C" grade or higher or "Pass" in OH 172 or equivalent.
9357 04:00PM-06:05PM M M-100 S.Holladay
06:15PM-09:05PM M M-100

OH-174 Turf & Ground Cover Management 3.0
Care, identification, pests of common and special turf, ground covers.
9358 05:00PM-07:05PM M M-111 N.Spardy
08:00AM-12:00PM S M-111
12:30PM-03:45PM S M-111
Saturday morning and afternoon are one class meeting 9/3, 9/17, 10/1, 10/15, 10/29, 11/19, 12/10

OH-200 Intro to CAD Landscape Design 3.0
Computer-aided designs for landscape.
9563 12:00PM-03:10PM F F-601 K.Sumek
Additional 2 instructional hours/week via internet required.
Also listed as CADD 200 #9811.

OH-221 Landscap Const-Irrig&Carpentry 3.0
7737 07:00PM-09:50PM W M-105 J.Tuerberg
08:00AM-12:00PM S M-105
12:30PM-03:45PM S M-105
Saturday morning and afternoon are one class meeting 9/3, 9/17, 10/1, 10/15, 10/29, 11/19, 12/10

OH-240 Greenhouse Plant Production 3.0
Selection, care, scheduling of common crops and greenhouse climate control.
9359 05:00PM-06:50PM W M-105 F.Palafox
08:00AM-12:00PM S M-111
12:30PM-03:45PM S M-111
Saturday morning and afternoon are one class meeting 8/27, 9/10, 9/24, 10/8, 10/22, 11/5, 12/3

OH-255 Sustainable Urban Landscapes 3.0
Principles and practices of sustainable landscape design, construction and maintenance.
Recommended Preparation: "C" grade or higher or "Pass" in OH 120, 170 or equivalent.
8275 05:30PM-07:35PM TH M-111 L.Whitney

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
**Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)**

**OH-263 Urban Forestry** 1.0  
S 4672 05:00PM-06:30PM TH M-105 L.Rottke Oct 31-Dec 10  
08:00AM-12:05PM S M-100  
12:35PM-04:45PM S M-100  
Saturday class meeting 11/19, 12/10

**OH-266 Science Practice Arboriculture** 1.0  
S 6012 07:00PM-08:30PM TH M-105 L.Rottke Aug 22-Oct 29

**OH-290 Cooperative Work Experience**  
Work experience in local horticulture industry for OH majors.  
1535 TBA F.Palafox  
Required orientation 8/19, 5pm in M105; second class meeting  
TBA. 1 unit=75 hours paid/60 hours unpaid work experience.  
1536 TBA F.Palafox  
Required orientation 8/19, 5pm in M105; second class meeting  
TBA. 2 units=150 hours paid/120 hours unpaid work experience.  
1537 TBA F.Palafox  
Required orientation 8/19, 5pm in M105; second orientation TBA.  
3 units=225 hours paid/180 hours unpaid work experience.  
1538 TBA F.Palafox  
Required orientation 8/19, 5pm in M105; second class meeting  
TBA. 4 units=300 hours paid/240 hours unpaid work experience.  
9712 TBA T.Paulistich  
Required orientation TBA. This work experience class is for OH  
student interns working on the Cuyamaca College campus.  
1 unit=75 hours paid/60 hours unpaid work experience.

**PARALEGAL STUDIES**

**PARA-100 Intro to Paralegal Studies** 3.0  
1540 06:30PM-08:20PM M E-223 M.Sessom/J.Bennion  
Additional 1 instructional hour/week via Internet. Email  
mary.sessom@gcccd.edu for details.

**PARA-125 Business Organizations** 1.0  
S 9348 06:30PM-09:45PM T E-231 D.Britton Oct 31-Dec 03

**PARA-130 Legal Research and Writing** 3.0  
$30 legal database fee due at registration.  
Prerequisite: "C" grade or higher or "Pass" in PARA 100 or equivalent.  
1543 06:30PM-09:35PM M E-231 B.Baker

**PARA-135 Bankruptcy Law** 3.0  
Prerequisite: "C" grade or higher or "Pass" in PARA 100 or equivalent.  
5013 06:30PM-09:35PM TH E-231 D.Britton

**PARA-145 Estate Planning and Admin** 3.0  
Prerequisite: "C" grade or higher or "Pass" in PARA 100 or equivalent.  
9347 06:30PM-09:20PM W E-231 M.Franks

**PARA-160 Personal Injury** 1.0  
Prerequisite: "C" grade or higher or "Pass" in PARA 100 or equivalent.  
S 9349 06:30PM-09:45PM T E-231 E.Sturgeon Aug 22-Sep 24

**PARA-170 Workers' Compensation** 1.0  
Prerequisite: "C" grade or higher or "Pass" in PARA 100 or equivalent.  
S 9350 06:30PM-09:45PM T E-231 D.Adjadj Sep 26-Oct 29

**PARA-250 Internship**  
Prerequisite: "C" grade or higher or "Pass" in PARA 100 or equivalent.  
1546 TBA N.Austin  
Mandatory meetings 8/22, 10/17, 6pm in E231.  
1 unit=75 hours paid/60 hours unpaid work experience.
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

(PARA-250 continued)
1547 TBA N.Austin
Mandatory meetings 8/22, 10/17, 6pm in E231.
2 units=150 hours paid/120 hours unpaid work experience.
1548 TBA N.Austin
Mandatory meetings 8/22, 10/17, 6pm in E231.
3 units=225 hours paid/180 hours unpaid work experience.

PERSONAL DEV-SPECIAL SERVICES

FDSS-090C Learning Strategies Practicum 1.0
Pass/No Pass only. Recommended for students with disabilities.
9425 02:00PM-02:50PM M A-112 M.Asher-Fitzpatrick

FDSS-096 Cognitive Communication Skills 1.0
Pass/No Pass only. Recommended for students with disabilities.
1574 10:00AM-11:05AM F A-112 M.Jones

PHILOSOPHY

PHIL-110 A General Intro to Philosophy 3.0
1594 TBA WEB WEB C.Hammond
Online course; 52.5 total instructional hours. Contact courtney.hammond@gcccd.edu for details by 8/17.
2124 12:30PM-01:45PM MW B-101 S.Floersheimer
7528 12:30PM-01:45PM TTH F-716 J.Moore
1593 06:00PM-08:50PM W F-716 D.Hull

PHIL-125 Critical Thinking 3.0
4610 09:30AM-10:45AM MW F-716 J.Thompson

PHIL-130 Logic 3.0
4614 TBA WEB WEB C.Hammond
Online course; 52.5 total instructional hours. Contact courtney.hammond@gcccd.edu for details by 8/17.

PHIL-140 Problems in Ethics 3.0
7785 TBA WEB WEB C.Hammond
Online course; 52.5 total instructional hours. Contact courtney.hammond@gcccd.edu for details by 8/17.
9604 11:00AM-12:15PM TTH F-716 C.Hammond

PHYSICS

PHYC-130 Fundamentals of Physics 4.0
Prerequisite: "C" grade or higher or "Pass" or concurrent enrollment in MATH 180 or equivalent.
1700 05:30PM-06:45PM TTH F-408 G.Gemmen
07:00PM-09:50PM T H-223
0088 05:30PM-06:45PM TTH F-408 G.Gemmen
07:00PM-09:50PM TH H-223

PHYC-190 Mechanics and Heat 5.0
Prerequisite: "C" grade or higher or "Pass" in MATH 180 or equivalent or concurrent enrollment.
Recommended Preparation: Concurrent enrollment in MATH 280.
1702 08:00AM-09:50AM MW H-223 J.Riley
02:00PM-04:50PM M H-223
9273 10:00AM-11:50AM MW H-223 M.Simpson
02:00PM-04:50PM W H-223
3880 12:00PM-01:50PM MW H-223 M.Simpson
12:00PM-02:50PM F H-223
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

**PHYC-200 Electricity and Magnetism 5.0**
Prerequisite: "C" grade or higher or "Pass" in PHYC 190 or equivalent; "C" grade or higher or "Pass" in MATH 280 or equivalent or concurrent enrollment.
Recommended Preparation: Concurrent enrollment in MATH 281.

<table>
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<tr>
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<td>H-223</td>
<td>D.Tibbets</td>
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<tr>
<td>09:00AM-11:50AM</td>
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<td>H-223</td>
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<tr>
<td>9275</td>
<td>05:00PM-06:50PM</td>
<td>MW</td>
<td>H-223</td>
<td>K.Murray</td>
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<td>07:00PM-09:50PM</td>
<td>W</td>
<td>H-223</td>
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**PHYC-210 Wave Motion and Modern Physics 5.0**
Prerequisite: "C" grade or higher or "Pass" in PHYC 190 or equivalent; "C" grade or higher or "Pass" in MATH 281 or equivalent or concurrent enrollment.

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<tr>
<th>0148</th>
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<td>H-223</td>
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**POLITICAL SCIENCE**

**POSC-120 Politics & Political Analysis 3.0**
Basic approaches, perspectives and techniques of the political scientist.

| 1708 | 11:00AM-12:15PM | TTH | F-512 | R.Montano |

**POSC-121 Intro to U.S. Govt & Politics 3.0**
Introduction to concepts and structures of U.S. government and politics.

<table>
<thead>
<tr>
<th>1712</th>
<th>TBA</th>
<th>WEB-WEB</th>
<th>J.Mercurio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online course, 52.5 total instructional hours. Email <a href="mailto:john.mercurio@gcccd.edu">john.mercurio@gcccd.edu</a>.</td>
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</table>

**S** 9911 09:15AM-12:30PM  F  HSHM-HSHM R.Montano  Sep 12-Jan 28  
Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room TBA. No meetings 11/21 to 11/25 (Thanksgiving Break) and, 12/19 to 1/8 (Winter Break).  
Contact instructor for enrollment information.

<table>
<thead>
<tr>
<th>1710</th>
<th>11:00AM-12:15PM</th>
<th>MW</th>
<th>F-507</th>
<th>J.Vazquez</th>
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<tbody>
<tr>
<td>2115</td>
<td>12:30PM-01:45PM</td>
<td>TTH</td>
<td>F-512</td>
<td>R.Montano</td>
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**PSYCHOLOGY**

**PSY-120 Introductory Psychology 3.0**
The science of human behavior, thought and emotion.

<table>
<thead>
<tr>
<th>1719</th>
<th>TBA</th>
<th>WEB-WEB</th>
<th>T.Doyle</th>
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<tbody>
<tr>
<td>Online course; 52.5 total instructional hours. See <a href="http://www.cuyamaca.edu/people/tom-doyle">www.cuyamaca.edu/people/tom-doyle</a> for information about the class.</td>
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<table>
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<th>1726</th>
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<th>T.Doyle</th>
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<tbody>
<tr>
<td>Online course; 52.5 total instructional hours. See <a href="http://www.cuyamaca.edu/people/tom-doyle">www.cuyamaca.edu/people/tom-doyle</a> for information about the class.</td>
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| 1714 | 08:00AM-09:15AM | MW | B-101 | S.Weinert |
| Class meets in the Digital Theatre B101. |
| 1715 | 08:00AM-09:15AM | TTH | F-508 | D.McGrevy |
| 9634 | 08:00AM-11:15AM | F | HSHM-HSHM J.Jones  Sep 12-Jan 28  
Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room TBA. No meetings 11/21 to 11/25 (Thanksgiving Break) and, 12/19 to 1/8 (Winter Break).  
Contact instructor for enrollment information. |

| 1720 | 09:00AM-12:10PM | F | F-507 | M.Sousa |
| 1716 | 11:00AM-12:15PM | MW | F-507 | J.Jones |
| 2429 | 11:00AM-12:15PM | TTH | E-225 | S.Weinert |
| 1718 | 12:30PM-01:45PM | TTH | F-508 | D.McGrevy |
| 1721 | 06:00PM-09:05PM | M | F-507 | J.Jones |
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

<table>
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<tr>
<th>Course Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>PSY-134</td>
<td>Human Sexuality</td>
<td>3.0</td>
</tr>
<tr>
<td>PSY-138</td>
<td>Social Psychology</td>
<td>3.0</td>
</tr>
<tr>
<td>PSY-140</td>
<td>Physiological Psychology</td>
<td>3.0</td>
</tr>
<tr>
<td>PSY-150</td>
<td>Developmental Psychology</td>
<td>3.0</td>
</tr>
<tr>
<td>PSY-170</td>
<td>Abnormal Psychology</td>
<td>3.0</td>
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<tr>
<td>PSY-215</td>
<td>Statistics Behavioral Sciences</td>
<td>4.0</td>
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<tr>
<td>RE-190</td>
<td>Real Estate Principles</td>
<td>3.0</td>
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<tr>
<td>RE-191</td>
<td>Real Estate Practice</td>
<td>3.0</td>
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<tr>
<td>RE-193</td>
<td>Real Estate Legal Aspects</td>
<td>3.0</td>
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<td>RE-250</td>
<td>Real Estate Internship</td>
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REAL ESTATE

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<tr>
<td>RE-190</td>
<td>Real Estate Principles</td>
<td>3.0</td>
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<tr>
<td>RE-191</td>
<td>Real Estate Practice</td>
<td>3.0</td>
</tr>
<tr>
<td>RE-193</td>
<td>Real Estate Legal Aspects</td>
<td>3.0</td>
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<tr>
<td>RE-250</td>
<td>Real Estate Internship</td>
<td>3.0</td>
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</tbody>
</table>

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
**Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)**

### RELIGIOUS STUDIES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>RELG-120</td>
<td>World Religions</td>
<td>3.0</td>
</tr>
<tr>
<td>RELG-170</td>
<td>Intro to the New Testament</td>
<td>3.0</td>
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</table>

- Online course; 52.5 total instructional hours. 
- See www.cuyamaca.edu/bruce.mcgraw after 8/8 for start-up instructions.

### SOCIOLOGY

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>SOC-120</td>
<td>Introductory Sociology</td>
<td>3.0</td>
</tr>
<tr>
<td>SOC-125</td>
<td>Marriage, Fam &amp; Alt Lifestyles</td>
<td>3.0</td>
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<tr>
<td>SOC-130</td>
<td>Contemporary Social Problems</td>
<td>3.0</td>
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- Online course; 52.5 total instructional hours.

### SPANISH

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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>SPAN-120</td>
<td>Spanish I</td>
<td>5.0</td>
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<tr>
<td>SPAN-121</td>
<td>Spanish II</td>
<td>5.0</td>
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</tbody>
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- Prerequisite: "C" grade or higher or "Pass" in SPAN 120 or two years of high school Spanish or equivalent.

* Satisfies Cal. State University General Education
* # Satisfies Cuyamaca College General Education (includes Graduation Requirement)
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Description</th>
<th>Day/Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>SPAN-220</td>
<td>Spanish III</td>
<td>5.0</td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in SPAN 121 or three years of high school Spanish or equivalent.</td>
<td>4623 09:30AM-11:45AM MW F-502 K.Gutierrez</td>
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<tr>
<td>SPAN-250</td>
<td>Conversational Spanish I</td>
<td>3.0</td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in SPAN 121 or three years of high school Spanish or equivalent.</td>
<td>0204 09:00AM-12:10PM F F-502 C.Stuardo</td>
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<tr>
<td>SPAN-251</td>
<td>Conversational Spanish II</td>
<td>3.0</td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in SPAN 250 or four years of high school Spanish or equivalent.</td>
<td>0205 09:00AM-12:10PM F F-502 C.Stuardo</td>
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SURVEYING

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<tr>
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<th>Day/Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>SURV-218</td>
<td>Plane Surveying</td>
<td>4.0</td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in MATH 170 or equivalent or concurrent enrollment.</td>
<td>9561 08:00AM-09:50AM S F-621 D.Wooley 10:00AM-01:00PM S F-621 01:30PM-04:55PM S F-621</td>
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<td>Also listed as ENGR 218 #9637.</td>
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<tr>
<td>SURV-220</td>
<td>Boundary Control &amp; Legal Princ</td>
<td>3.0</td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in SURV/ENGR 218 or equivalent.</td>
<td>9562 10:00AM-01:10PM S F-724 G.Nothisdurf</td>
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SOCIAL WORK

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<th>Day/Time</th>
<th>Location</th>
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<tr>
<td>SW-110</td>
<td>Social Work Fields of Service</td>
<td>3.0</td>
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<td>1765 09:30AM-10:45AM TTH F-614 A.Stirling</td>
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<tr>
<td>SW-120</td>
<td>Introduction to Social Work</td>
<td>3.0</td>
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<td>4646 12:30PM-01:45PM TTH F-608 A.Stirling</td>
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THEATRE ARTS

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<tr>
<td>THTR-110</td>
<td>Introduction to Theatre</td>
<td>3.0</td>
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<td>4708 02:00PM-03:15PM TTH B-301 A.Ecker</td>
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WORK EXPERIENCE

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<tr>
<td>WEX-110</td>
<td>Gen Cooperative Work Exp Ed</td>
<td></td>
<td>Mandatory orientation 8/24 or 8/25, 5pm in B268. For orientation/requisite details email <a href="mailto:valita.jones@gcccd.edu">valita.jones@gcccd.edu</a> or call 619-660-4000 x3150. 1 unit=75 hours paid/60 hours unpaid work experience.</td>
<td>1420 TBA V.Jones 1421 TBA V.Jones</td>
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<tr>
<td></td>
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<td></td>
<td>Mandatory orientation 8/24 or 8/25, 5pm in B268. For orientation/requisite information email <a href="mailto:valita.jones@gcccd.edu">valita.jones@gcccd.edu</a> or call 619-660-4000 x3150. 2 units=150 hours paid/120 hours unpaid work experience.</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Mandatory orientation 8/24 or 8/25, 5pm in B268. For orientation/requisite information email <a href="mailto:valita.jones@gcccd.edu">valita.jones@gcccd.edu</a> or call 619-660-4000 x3150. 3 units=225 hours paid/180 hours unpaid work experience.</td>
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</table>
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

WATER/WASTEWATER TECHNOLOGY

WWTR-101 Fund of Water/Wastewater Tech 3.0
Overview of the water/wastewater field and issues confronting the industry.
S 1810 06:00PM-09:15PM TTH F-607 J.Young Oct 17-Dec 10

WWTR-102 Calculations in WWTR Tech 3.0
Mathematical principles in solving problems related to Water Distribution and Treatment Systems.
Recommended Preparation: Grade of "Pass" in MATH 090 or equivalent.
S 1812 06:00PM-09:15PM MW F-607 J.Young Aug 22-Oct 15

WWTR-105 Water Conservation 3.0
Principles, practices, and issues involved in designing, implementing, and managing a water conservation program.
S 0187 06:00PM-09:05PM MW F-614 M.Uhrhammer Oct 17-Dec 10

WWTR-110 Lab Analysis Water/Wastewater 3.0
Fundamentals, procedures, and techniques involved in laboratory analysis of water and wastewater.
S 2166 06:00PM-09:05PM MW F-607 D.Chapin Oct 17-Dec 10

WWTR-112 Plant Ops: Water Treatment 3.0
Water treatment plant procedures, standards, regulations, operation and maintenance.
Recommended Preparation: "C" grade or higher or "Pass" in WWTR 102 or equivalent.
S 9474 06:00PM-09:15PM TTH F-613 C.Palechek Oct 17-Dec 10

WWTR-114 Plant Ops-Wastewater Treatment 3.0
Principles, practices, and processes involved in wastewater treatment and plant operation and maintenance.
S 5451 06:00PM-09:15PM MW F-613 P.Porras Aug 22-Oct 15

WWTR-130 Water Distribution Systems 3.0
Fundamentals of the design, operation, and maintenance of a drinking water distribution system.
Recommended Preparation: "C" grade or higher or "Pass" in WWTR 102 or equivalent.
S 9477 06:00PM-09:05PM TTH F-607 J.Young Aug 22-Oct 15

WWTR-134 Mechanical Maintenance 3.0
Basic principles of the design, installation, operation and maintenance of mechanical equipment used in water and wastewater systems.
S 8302 06:00PM-09:15PM MW F-614 S.Taylor Aug 22-Oct 15

WWTR-265 Water Distribution Systems II 3.0
Advanced concepts in the design, operation, and maintenance of a drinking water distribution system.
Prerequisite: "C" grade or higher or "Pass" in WWTR 130 or equivalent.
S 2624 06:00PM-09:05PM MW F-613 J.Young Oct 17-Dec 10

WWTR-267 Wastewater Collect Systems II 3.0
Advanced concepts in the design, operation, monitoring, and maintenance of wastewater collection systems.
Prerequisite: "C" grade or higher or "Pass" in WWTR 132 or equivalent.
S 9351 06:00PM-09:05PM TTH F-613 H.Nino Aug 22-Oct 15

WWTR-280 Backflow Tester Training 2.0
Preparation for the AWWA and ABPA certification exams.
S 9352 06:00PM-07:25PM MW L-101 F.Garcia 07:35PM-08:55PM MW L-101 Oct 17-Dec 10
Certification testing held on Sat. 12/10 from 8am - 3pm.
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/ cancelled sections, room changes, instructor changes, etc.)

(WWTR-280 continued)

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Certification testing held on Sat. 10/15 from 8am - 3pm.

**WWTR-282 Cross Connect Ctrl Specialist 3.0**
Administrative and technical procedures required for an effective cross-connection control program.

| S   | 4678  | 06:00PM-09:05PM | TTH | F-614 | T.Deeds | Aug 22-Oct 15 |

**WWTR-290 Cooperative Work Experience**
Application of classroom experiences in industry.
Recommended Preparation: Successful completion of at least three Water/Wastewater Technology courses prior to enrolling

1818 TBA M.Uhrhammer
Required orientation Fri. 8/26, 5pm in room F607; second class meeting TBA. 1 unit=75 hours paid/60 hours unpaid work experience.

1819 TBA M.Uhrhammer
Required orientation Fri. 8/26, 5pm in room F607; second class meeting TBA. 2 units-150 hours paid/120 hours unpaid work experience.

1820 TBA M.Uhrhammer
Required orientation Fri. 8/26, 5pm in room F607; second class meeting TBA. 3 units-225 hours paid/180 hours unpaid work experience.

1821 TBA M.Uhrhammer
Required orientation Fri. 8/26, 5pm in room F607; second class meeting TBA. 4 units-300 hours paid/240 hours unpaid work experience.