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

CUYAMACA COLLEGE  
Spring 2016 Course Offerings  
As of February 02, 2016

ANTHROPOLOGY

ANTH-120 Cultural Anthropology 3.0  
Methods and theories of anthropology; cultural variations and similarities.  
1221 09:30AM-10:45AM TTH F-514 B.Nugent  
6954 11:00AM-12:15PM MW F-507 B.Nugent  

ANTH-130 Intro to Physical Anthropology 3.0  
4751 08:00AM-09:15AM TTH F-514 B.Nugent

ARAMAIC

ARAM-121 Aramaic II 5.0  
Prerequisite: "C" grade or higher or "Pass" in ARAM 120 or equivalent.  
8283 09:30AM-11:45AM TTH F-413 M.Bazzi

ARABIC

ARBC-120 Arabic I 5.0  
8281 09:30AM-11:45AM MW F-518 A.Sheai  
8896 09:30AM-11:45AM MW B-172 N.Ireiqat  
4936 12:30PM-02:45PM MW F-506 G.Sako  
7281 12:30PM-02:45PM TTH F-518 H.Boles  
8280 03:30PM-05:45PM MW F-502 H.Alkassas  
4937 06:30PM-08:45PM TTH F-506 J.Gazale

ARBC-121 Arabic II 5.0  
Prerequisite: "C" grade or higher or "Pass" in ARBC 120 or two years of high school Arabic or equivalent.  
8282 12:30PM-02:45PM MW F-518 A.Sheai  
4939 03:30PM-05:45PM MW F-506 G.Zakaria  
4938 05:00PM-07:15PM TTH F-513 G.Zakaria  
1478 06:30PM-08:45PM MW F-513 G.Sako

ARBC-145 Arabic Civilizations 3.0  
1171 09:00AM-12:05PM F F-506 R.Aoneh

ARBC-220 Arabic III 5.0  
Prerequisite: "C" grade or higher or "Pass" in ARBC 121 or three years of high school Arabic or equivalent.  
6983 03:30PM-05:45PM MW F-506 N.Aldulaimi  
4942 03:30PM-05:45PM TTH F-506 J.Gazale

ARBC-221 Arabic IV 5.0  
Prerequisite: "C" grade or higher or "Pass" in ARBC 220 or four years of high school Arabic or equivalent.  
4806 06:00PM-08:15PM MW F-506 N.Aldulaimi

ARBC-250 Conversational Arabic I 3.0  
Prerequisite: "C" grade or higher or "Pass" in ARBC 121 or three years of high school Arabic or equivalent.  
9850 09:00AM-12:05PM F F-518 H.Alkassas

ARBC-251 Conversational Arabic II 3.0  
Prerequisite: "C" grade or higher or "Pass" in ARBC 250 or four years of high school Arabic or equivalent.  
9851 09:00AM-12:05PM F F-411 N.Ireiqat

ART

ART-100 Art Appreciation 3.0  
Learn how art influences your life.  
4925 TBA WEB=WEB E.Whitman

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

(Art-100-4925 continued)

Online course; 52.5 total instructional hours. Contact erin.whitman@gcccd.edu for course assignments between 1/21 - 1/29.
7283 TBA WEB-WEB X.Eggleton
Online course; 52.5 total instructional hours. Contact erin.whitman@gcccd.edu for course assignments between 1/21 - 1/29.
9928 TBA WEB-WEB X.Eggleton
Online course; 52.5 total instructional hours. Contact Xuchi.Eggleton@gcccd.edu for course information. Complete introductory assignments between 1/21 - 1/29.
8883 TBA WEB-WEB X.Eggleton
Online course; 52.5 total instructional hours. Contact Xuchi.Eggleton@gcccd.edu for course information. Complete introductory assignments between 1/21 - 1/29.

ART-120 Two-Dimensional Design 3.0
earn how to make aesthetic decisions and choose colors. Art supplies must be supplied by student.
4662 09:30AM-10:20AM MW B-373 M.Ramos
10:30AM-12:20PM MW B-373
4949 01:00PM-01:50PM MW B-363 C.Lewallen
02:00PM-03:50PM MW B-363
4948 01:00PM-01:50PM TTH B-373 M.Ramos
02:00PM-03:50PM TTH B-373

ART-121 Painting I 3.0
Learn painting techniques in oils or acrylics. Art supplies must be supplied by student.
Prerequisite: "C" grade or higher or "Pass" in ART 120 or ART 124 or equivalent.
4951 12:30PM-01:20PM TTH B-371 D.Babylon
01:30PM-03:20PM TTH B-371

ART-124 Drawing I 3.0
Develop your right and left brain using drawing skills. Art supplies must be supplied by student.
4954 09:30AM-10:20AM TTH B-368 S.Schlichtenmyer
10:30AM-12:20PM TTH B-368
4664 01:00PM-01:50PM MW B-373 M.Ford
02:00PM-03:50PM MW B-373
9177 01:00PM-01:50PM TTH B-363 J.Eggleton
02:00PM-03:50PM TTH B-376

ART-125 Drawing II 3.0
Art supplies must be provided by student.
Prerequisite: "C" grade or higher or "Pass" in ART 124 or equivalent.
4957 09:30AM-10:20AM MW B-363 C.Lewallen
10:30AM-12:20PM MW B-363

ART-141 Hist West Art II 1250 AD-Pres 3.0
0811 06:00PM-08:50PM TH B-365 J.Abel

ART-143 Modern Art 3.0
Historical survey of late 19th and 20th century art of Europe and America.
8271 TBA WEB-WEB E.Whitman
Online course; 52.5 total instructional hours. Contact erin.whitman@gcccd.edu for course information.
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course</th>
<th>Credit</th>
<th>Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART</td>
<td>148 Introduction to Crafts</td>
<td>3.0</td>
<td>$20 Supplies and materials fee for art projects due at registration.</td>
</tr>
<tr>
<td>ART</td>
<td>220 Painting II</td>
<td>3.0</td>
<td>Learn painting techniques in oils or acrylics. Art supplies must be provided by student. Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in ART 121 or equivalent.</td>
</tr>
<tr>
<td>ART</td>
<td>221 Painting III</td>
<td>3.0</td>
<td>Developing a &quot;personal statement.&quot; Art supplies must be provided by student. Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in ART 220 or equivalent.</td>
</tr>
<tr>
<td>ART</td>
<td>222 Painting IV</td>
<td>3.0</td>
<td>Art supplies must be provided by student. Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in ART 221 or equivalent.</td>
</tr>
<tr>
<td>ART</td>
<td>224 Drawing III</td>
<td>3.0</td>
<td>Art supplies must be provided by student. Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in ART 125 or equivalent.</td>
</tr>
<tr>
<td>ART</td>
<td>225 Drawing IV</td>
<td>3.0</td>
<td>Art supplies must be provided by student. Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in ART 224 or equivalent.</td>
</tr>
<tr>
<td>ART</td>
<td>230 Figure Drawing I</td>
<td>3.0</td>
<td>Develop expressive drawing techniques with regard to the human form. Art supplies must be provided by student. Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in ART 124 or equivalent.</td>
</tr>
<tr>
<td>ART</td>
<td>231 Figure Drawing II</td>
<td>3.0</td>
<td>Develop expressive drawing techniques with regard to the human form. Art supplies must be provided by student. Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in ART 230 or equivalent.</td>
</tr>
<tr>
<td>ART</td>
<td>232 Figure Drawing III</td>
<td>3.0</td>
<td>Incorporate advanced compositional devices and start developing a &quot;theme.&quot; Art supplies must be provided by student. Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in ART 231 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.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART-233</td>
<td>Figure Drawing IV</td>
<td>3.0</td>
</tr>
</tbody>
</table>
|             | Art supplies must be provided by student.  
|             | Prerequisite: "C" grade or higher or "Pass" in ART 232 or equivalent. |
|             | 4972 12:30PM-01:20PM MW B-368 D.Babylon |
|             | 01:30PM-03:20PM MW B-368 |

**AMERICAN SIGN LANGUAGE**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>+# ASL-120</td>
<td>American Sign Language I</td>
<td>4.0</td>
</tr>
<tr>
<td>4920</td>
<td>09:30AM-11:20AM MW B-164 S.Engelhart</td>
<td></td>
</tr>
<tr>
<td>8241</td>
<td>09:30AM-11:20AM TTH B-164 J.Crouch</td>
<td></td>
</tr>
<tr>
<td>4922</td>
<td>11:30AM-01:20PM MW B-164 S.Engelhart</td>
<td></td>
</tr>
<tr>
<td>4921</td>
<td>11:30AM-01:20PM TTH B-164 J.Smith</td>
<td></td>
</tr>
<tr>
<td>9446</td>
<td>02:00PM-03:50PM TTH B-164 B.Cohen</td>
<td></td>
</tr>
<tr>
<td>9445</td>
<td>05:00PM-09:05PM M B-164 S.Swadell</td>
<td></td>
</tr>
<tr>
<td>4924</td>
<td>06:00PM-07:50PM MW B-312 J.Smith</td>
<td></td>
</tr>
<tr>
<td>4919</td>
<td>06:30PM-08:20PM TTH B-164 B.Cohen</td>
<td></td>
</tr>
<tr>
<td>+# ASL-121</td>
<td>American Sign Language II</td>
<td>4.0</td>
</tr>
<tr>
<td>9561</td>
<td>09:30AM-11:20AM TTH B-164 D.Yanke</td>
<td></td>
</tr>
<tr>
<td>9563</td>
<td>11:00AM-12:50PM MW B-164 D.Yanke</td>
<td></td>
</tr>
<tr>
<td>0916</td>
<td>05:00PM-06:50PM MW B-164 D.Yanke</td>
<td></td>
</tr>
<tr>
<td>+# ASL-125</td>
<td>ASL with Infants and Toddlers</td>
<td>1.0</td>
</tr>
<tr>
<td>S 9187</td>
<td>06:00PM-08:05PM T B-162 J.Smith Jan 25-Mar 19</td>
<td></td>
</tr>
<tr>
<td>S 9188</td>
<td>06:00PM-08:05PM T B-162 J.Smith Mar 28-May 21</td>
<td></td>
</tr>
<tr>
<td>+# ASL-130</td>
<td>Sign Language: Fingerspelling</td>
<td>3.0</td>
</tr>
<tr>
<td>4698</td>
<td>06:00PM-08:50PM TH B-162 J.Oloughlin</td>
<td></td>
</tr>
<tr>
<td>+# ASL-220</td>
<td>American Sign Language III</td>
<td>4.0</td>
</tr>
<tr>
<td>9500</td>
<td>12:30PM-02:20PM TTH B-162 D.Yanke</td>
<td></td>
</tr>
<tr>
<td>+# ASL-221</td>
<td>American Sign Language IV</td>
<td>4.0</td>
</tr>
<tr>
<td>9502</td>
<td>04:00PM-05:50PM TTH B-162 D.Yanke</td>
<td></td>
</tr>
</tbody>
</table>

**ASTRONOMY**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>+# ASTR-110</td>
<td>Descriptive Astronomy</td>
<td>3.0</td>
</tr>
<tr>
<td>6603</td>
<td>09:30AM-10:45AM MW F-402 G.Thurman</td>
<td></td>
</tr>
<tr>
<td>4923</td>
<td>09:30AM-10:45AM TTH F-402 G.Thurman</td>
<td></td>
</tr>
<tr>
<td>4978</td>
<td>05:30PM-06:45PM TTH F-402 G.Thurman</td>
<td></td>
</tr>
<tr>
<td>+# ASTR-112</td>
<td>General Astronomy Laboratory</td>
<td>1.0</td>
</tr>
<tr>
<td>9333</td>
<td>07:00PM-09:50PM T F-402 G.Thurman</td>
<td></td>
</tr>
<tr>
<td>9605</td>
<td>07:00PM-09:50PM TH F-402 G.Thurman</td>
<td></td>
</tr>
</tbody>
</table>

**AUTOMOTIVE TECHNOLOGY**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO-099</td>
<td>Intro to Auto Technology</td>
<td>3.0</td>
</tr>
<tr>
<td></td>
<td>Great course for every driver. Learn about your car or begin your Auto major. Students must purchase and build a car model.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7336 09:00AM-10:15AM TTH K-114 A.Butler</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1764 10:30AM-11:45AM MW K-122 B.McCombs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4982 06:00PM-08:50PM T K-122 R.Gingery</td>
<td></td>
</tr>
</tbody>
</table>

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

AUTO-100 Intro to Auto Technology Lab 1.0
Hands-on introductory lab course; learn the basics of auto service.

9841  09:00AM-12:05PM  F  K-104  C.Branston
1765  06:30PM-09:20PM  TH  K-122  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.

4986  06:00PM-07:15PM  MW  K-114  J.Crocker
07:25PM-10:15PM  MW  K-114

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.

4987  06:00PM-07:15PM  TTH  K-104  W.Gates
07:25PM-10:15PM  TTH  K-104

AUTO-122 Automotive Electrical Systems 5.0

4989  06:00PM-07:15PM  TTH  K-101  A.Letourneaux
07:25PM-10:15PM  TTH  K-101

AUTO-124 Engine Performance III  5.0
Includes code/no code diagnosis and extensive testing of computer sensors/actuators using Digital Storage Oscilloscopes and various scan tools.
Recommended Preparation: "C" grade or higher or "Pass" in AUTO 123 or equivalent.

8750  08:00AM-09:15AM  TTH  K-104  J.Hannibal
09:25AM-12:15PM  TTH  K-104

AUTO-129 Hybrid, Electric, Alt Fuels 5.0

4012  08:00AM-12:00PM  S  K-114  J.Pinnell
12:30PM-02:20PM  S  K-114
02:30PM-06:35PM  S  K-114

AUTO-130 Auto Brakes & 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.

6709  08:00AM-09:15AM  MW  K-114  T.Littell
09:25AM-12:15PM  MW  K-114
4994  06:00PM-07:15PM  MW  K-104  C.Branston
07:25PM-10:15PM  MW  K-104

AUTO-135 Advanced Brakes  5.0
Prerequisite: "C" grade or higher or "Pass" in AUTO 130 or equivalent.

6710  08:00AM-09:15AM  MW  K-114  T.Littell
09:25AM-12:15PM  MW  K-114

AUTO-152 Drive Train Systems  4.0

8331  08:00AM-09:15AM  M  K-101  L.Engelbrecht
09:25AM-11:15AM  M  K-101
08:00AM-08:50AM  W  K-101
09:00AM-11:15AM  W  K-101

AUTO-180 Automotive Service Advisor  1.0

S  4996  06:00PM-09:15PM  F  K-122  C.Branston
Fri. meetings: 1/29, 2/5, 2/19, 2/26, 3/4

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
S Denotes short-term class
AUTO-182 Automotive Work Experience
Prerequisite: Completion of a minimum of 10 units in Automotive Program. Must meet state guidelines for work experience.
4997 TBA C.Branton
Mandatory orientation; call Chris Branton at 619-660-4213.
1 unit=75 hours paid/60 hours unpaid work experience.
4998 TBA C.Branton
Mandatory orientation; call Chris Branton at 619-660-4213.
2 units=150 hours paid/120 hours unpaid work experience.
4999 TBA C.Branton
Mandatory orientation; call Chris Branton at 619-660-4213.
3 units=225 hours paid/180 hours unpaid work experience.

AUTO-191 ASSET-Brakes and Alignment 7.0
S 8335 01:00PM-03:05PM MTWTHF K-114 B.McCombs Jan 25-Mar 19
03:15PM-05:45PM MTWTHF K-114

AUTO-197 ASSET-Work Experience 3.0
75 hours paid work experience per unit.
Prerequisite: Admission to the ASSET program.
S 8774 TBA B.McCombs Mar 28-May 21
3 units=225 hours paid work experience.

BIOLICAL SCIENCES

BIO-122 The Secret Life of Plants 4.0
6689 01:00PM-03:50PM M H-222 M.Garcia
01:00PM-03:50PM W H-222

BIO-130 General Biology I 3.0
The characteristics shared by all life forms.
5014 08:00AM-09:15AM TTH F-606 A.Khan
5009 09:30AM-10:45AM MW F-606 M.Garcia
5012 09:30AM-10:45AM TTH F-606 A.Khan
8373 09:30AM-10:45AM TTH F-408 J.Redfern
9585 11:00AM-12:15PM MW F-606 M.Garcia
5010 11:00AM-12:15PM TTH F-606 A.Khan
5011 12:30PM-01:45PM MW F-606 C.Paterson
8874 12:30PM-01:45PM TTH E-223 C.Burnett
8375 02:00PM-03:15PM TTH F-606 M.Garcia
6615 05:30PM-06:45PM TTH E-223 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.
5028 09:00AM-12:05PM F H-221 C.Paterson
8376 11:00AM-01:50PM T H-221 J.Redfern
8385 11:00AM-01:50PM TH H-221 J.Redfern
9085 11:00AM-01:50PM W H-221 H.Valtierra
5023 02:30PM-05:20PM T H-221 C.Burnett
5026 02:30PM-05:20PM TH H-221 C.Burnett
9600 02:30PM-05:20PM W H-221 C.Paterson
5027 02:30PM-05:35PM M H-221 C.Paterson
8391 07:00PM-09:50PM T H-221 S.Attle
6624 07:00PM-09:50PM TH H-221 S.Attle

BIO-140 Human Anatomy 5.0
Prerequisite: "C" grade or higher or "Pass" in BIO 130, 131 or equivalent.
8390 06:30AM-07:20AM MWF H-207 F.Bouton
07:30AM-08:20AM MW H-207
07:30AM-11:20AM F H-207
9336 08:00AM-09:15AM TTH H-207 F.Bouton
09:25AM-12:15PM TTH H-207
9337 08:30AM-09:45AM MW H-207 G.Bruyte
09:55AM-12:45PM MW H-207
9601 01:00PM-02:15PM MW H-207 K.Aylward
02:25PM-05:15PM MW H-207

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

(BIO-140 continued)

9334 01:00PM-02:15PM TTH H-207 W.Helfman
02:25PM-05:15PM TTH H-207
8388 05:30PM-06:45PM MW H-207 N.Howe
07:00PM-09:50PM MW H-207
9335 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.
9339 05:30PM-06:45PM TTH F-408 S.Matz

+ 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.
9340 02:00PM-04:50PM T H-222 F.Bouton
9341 07:00PM-09:50PM MW H-207

++ 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.
9342 08:00AM-09:15AM TTH H-221 K.Nette
09:25AM-12:15PM TTH H-206 K.Nette
9343 05:00PM-06:15PM TTH F-702 S.Walls
06:25PM-09:15PM TTH H-206

++ BIO-230 Cellular/Molecular/Evolu Bio 4.0
Prerequisite: "C" grade or higher or "Pass" in CHEM 141 or equivalent.
6628 02:00PM-03:50PM M F-505 K.Nette
02:00PM-02:50PM W F-505
03:00PM-05:50PM W H-206
8772 02:00PM-03:50PM M F-505 K.Nette
02:00PM-02:50PM W F-505
03:00PM-05:50PM W H-205

++ 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.
6626 09:00AM-10:50AM TTH H-222 M.Garcia/G.Brulte/C.Burnett
11:00AM-12:15PM TTH H-222

BIO-251 Human Dissection 1.0
Preregistration counseling with instructor required; class has limited enrollment. Add code must be obtained from instructor to enroll.
Prerequisite: "C" grade or higher or "Pass" in BIO 140 or equivalent and recommendation from the student's Human Anatomy instructor.
8389 12:00PM-03:05PM F H-207 F.Bouton

BUSINESS OFFICE TECHNOLOGY

BOT-096 Computer Basics for the Office 1.0
Pass/No Pass only.
Recommended Preparation: "C" grade or higher or "Pass" in BOT 100 or equivalent, ENGL 098R or ESL 103R or equivalent reading level.
5729 10:00AM-12:10PM TH E-120 D.Woods Jan 25-Mar 19
Additional 2 instructional hours/week via Internet.

BOT-100 Basic Keyboarding 1.0
Recommended Preparation: "C" grade or higher or "Pass" in ENGL 098R or ESL 103R or equivalent reading level.
5839 08:30AM-10:35AM MW E-120 H.Ikzir Feb 08-May 07

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
S Denotes short-term class
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>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOT-117</td>
<td>S</td>
<td>09:00AM-11:10AM</td>
<td>F</td>
<td>E-120</td>
<td>H.Ikzir</td>
<td>Feb 16</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>S</td>
<td>09:00AM-11:10AM</td>
<td>T</td>
<td>E-120</td>
<td>C.Lloyd</td>
<td>Feb 08</td>
</tr>
</tbody>
</table>

Additional 2 instructional hours/week via Internet.

**BOT-117 Essential PowerPoint 1.0**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 096, 097, 114 or equivalent, ENGL 098R or ESL 103R or equivalent reading level.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOT-120</td>
<td>S</td>
<td>10:00AM-12:10PM</td>
<td>TH</td>
<td>E-120</td>
<td>C.Lloyd</td>
<td>Mar 28</td>
</tr>
</tbody>
</table>

Additional 2 instructional hours/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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOT-121</td>
<td>S</td>
<td>TBA</td>
<td>WEB-WEB</td>
<td>P.Newman</td>
<td>Mar 07</td>
<td>Apr 16</td>
</tr>
</tbody>
</table>

Online course; 35 total instructional hours. See www.cuyamaca.edu/bot for orientation; complete by 2/3.

**BOT-121 Comprehensive Word II 1.0**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 120 or equivalent.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOT-122</td>
<td>S</td>
<td>11:00AM-01:25PM</td>
<td>M</td>
<td>E-120</td>
<td>A.Zuckerman</td>
<td>Jan 25</td>
</tr>
</tbody>
</table>

Additional 2 instructional hours/week via Internet.

**BOT-122 Comprehensive Word III 1.0**
Prerequisite: "C" grade or higher or "Pass" in BOT 121 or equivalent.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOT-151</td>
<td>S</td>
<td>TBA</td>
<td>WEB-WEB</td>
<td>P.Newman</td>
<td>Apr 18</td>
<td>May 21</td>
</tr>
</tbody>
</table>

Online course; 35 total instructional hours. See www.cuyamaca.edu/bot for orientation; complete by 4/20. To add class, email instructor.

**BOT-151 Using Microsoft Outlook 1.0**
Recommended Preparation: "C" grade or higher or "Pass" in BOT 096, 097, 101AB, 114 or 120 or equivalent.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOT-223</td>
<td>S</td>
<td>TBA</td>
<td></td>
<td>P.Newman</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Required orientation: email pat.newman@gcccd.edu. Must be completed by 2/5. 1 unit=75 hours paid/60 hours unpaid work experience.

**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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOT-224</td>
<td>S</td>
<td>TBA</td>
<td></td>
<td>P.Newman</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Required orientation: email pat.newman@gcccd.edu. Must be completed by 2/5. 2 units=150 hours paid/120 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOT-225</td>
<td>S</td>
<td>TBA</td>
<td></td>
<td>P.Newman</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Required orientation: email pat.newman@gcccd.edu. Must be completed by 2/5. 3 units=225 hours paid/180 hours unpaid work experience.

**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.

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

BOT-225 continued

9352 TBA P.Newman
Required orientation: email pat.newman@gcccd.edu. Must be completed by 2/5. 3 units=225 hours paid/180 hours unpaid work experience.

**BUSINESS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Sections</th>
<th>Time</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS-110</td>
<td>Introduction to Business</td>
<td>3.0</td>
<td>5212 TBA</td>
<td>WEB-WEB D.Fitch</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Online course; 52.5 total instructional hours.</td>
<td></td>
<td></td>
<td>10:00AM-11:30AM T E-227 J.Damato</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Additional 1 hour 20 minutes instructional time/week via Internet.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS-111</td>
<td>Entrep: Starting a Business</td>
<td>3.0</td>
<td>5091 TBA</td>
<td>WEB-WEB M.Aubry</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Starting or expanding a small business.</td>
<td></td>
<td></td>
<td>06:00PM-09:05PM M E-227 J.Damato</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS-115</td>
<td>Human Relations in Business</td>
<td>3.0</td>
<td>5073 TBA</td>
<td>WEB-WEB R.Farris</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Online course; 52.5 total instructional hours. Students must contact <a href="mailto:michael.aubry@gcccd.edu">michael.aubry@gcccd.edu</a> prior to class starting.</td>
<td></td>
<td>10:00AM-11:15:30AM T E-223 R.Farris</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Additional 1.5 instructional hours/week via Internet.</td>
<td></td>
<td></td>
<td>12:00PM-02:20PM M E-225 R.Pacco</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS-120</td>
<td>Financial Accounting</td>
<td>4.0</td>
<td>5057 TBA</td>
<td>WEB-WEB C.Obyrne</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Online course; 70 total instructional hours. Working knowledge of Word, Excel REQUIRED. Email <a href="mailto:rachel.farris@gcccd.edu">rachel.farris@gcccd.edu</a>.</td>
<td></td>
<td></td>
<td>10:00AM-11:50AM TTH E-223 R.Farris</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Additional 1.5 instructional hours/week via Internet.</td>
<td></td>
<td></td>
<td>12:00PM-02:20PM M E-225 R.Pacco</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS-121</td>
<td>Managerial Accounting</td>
<td>4.0</td>
<td>5092 TBA</td>
<td>WEB-WEB C.Obyrne</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in BUS 120 or equivalent.</td>
<td></td>
<td></td>
<td>10:00AM-11:50AM TTH E-223 C.Obyrne</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Online course; 70 total instructional hours. Working knowledge of Word, Excel REQUIRED. Email <a href="mailto:christopher.obyrne@gcccd.edu">christopher.obyrne@gcccd.edu</a>.</td>
<td></td>
<td></td>
<td>12:00PM-02:20PM M E-225 C.Obyrne</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS-125</td>
<td>Business Law</td>
<td>3.0</td>
<td>5083 TBA</td>
<td>WEB-WEB M.Sessom</td>
<td>Jan 25-Mar 19</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Online course; 52.5 total instructional hours. Familiarity with computers, Internet required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS-128</td>
<td>Business Communication</td>
<td>3.0</td>
<td>0866 TBA</td>
<td>WEB-WEB J.Damato</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in ENGL 109 or equivalent.</td>
<td></td>
<td></td>
<td>06:30PM-08:20PM M E-223 H.Rucker</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Online course; 52.5 total instructional hours. There are no mandatory meetings however students must be able to make a presentation online or in person; details will be posted in syllabus.</td>
<td></td>
<td></td>
<td>06:30PM-08:20PM M E-223 J.Damato</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

BUS-129 Payroll Accounting & Taxes 2.0
Prerequisite: "C" grade or higher or "Pass" in BUS 120 or equivalent.
8303 06:00PM-07:50PM W E-225 C.Obryne

BUS-156 Principles of Management 3.0
0868 TBA WEB-WEB M.Aubry
Online course; 52.5 total instructional hours. Email michael.aubry@gcccd.edu prior to class starting.

BUS-176 Computerized Accounting Apps 2.0
5096 06:00PM-06:50PM M E-212 D.Grant
07:00PM-10:05PM M E-212

CADD TECHNOLOGY

CADD-115 Engineering Graphics 3.0
Using AutoCAD 2016.
9150 01:00PM-01:50PM TTH F-601 C.Saghafi
02:00PM-03:50PM TTH F-601
5191 04:00PM-04:50PM TTH F-601 T.Walsh
05:00PM-06:50PM TTH F-601

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.
9661 04:00PM-04:50PM MW F-601 C.Saghafi
05:00PM-06:50PM MW F-601

CADD-129 Engineering Solid Modeling 3.0
Using Creo. Parametric V. 3.0
Prerequisite: "C" grade or higher or "Pass" in CADD 115 or ENGR 100 or equivalent.
9939 07:00PM-07:50PM MW F-601 C.Saghafi
08:00PM-09:50PM MW F-601
Also listed as ENGR 129 #9945.

CADD-131 Architectural CAD & Design 3.0
Using Revit 2016.
Prerequisite: "C" grade or higher or "Pass" in CADD 120 or ENGR 119 or equivalent.
6697 07:00PM-07:50PM TTH F-601 F.Estrella
08:00PM-09:50PM TTH F-601

CHILD DEVELOPMENT

CD-101 Parent Education 1.0
5742 TBA WEB-WEB L.Furry
Online course; 17.5 total instructional hours. Email laurie.furry@gcccd.edu by 1/26 & complete online orientation by 2/2.

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

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD-115</td>
<td>Changing American Family</td>
<td>3.0</td>
</tr>
<tr>
<td>CD-123</td>
<td>Programs-Curric Young Children</td>
<td>3.0</td>
</tr>
<tr>
<td>CD-125</td>
<td>Child Growth and Development</td>
<td>3.0</td>
</tr>
<tr>
<td>CD-126</td>
<td>Art for Child Development</td>
<td>3.0</td>
</tr>
<tr>
<td>CD-127</td>
<td>Science &amp; Math for Child Dev</td>
<td>3.0</td>
</tr>
<tr>
<td>CD-128</td>
<td>Music &amp; Movement for Child Dev</td>
<td>3.0</td>
</tr>
<tr>
<td>CD-129</td>
<td>Language &amp; Literature for CD</td>
<td>3.0</td>
</tr>
<tr>
<td>CD-131</td>
<td>Child, Family and Community</td>
<td>3.0</td>
</tr>
<tr>
<td>CD-132</td>
<td>Field Experience Seminar</td>
<td>3.0</td>
</tr>
</tbody>
</table>

**+** Satisfies Cal. State University General Education

**#** Satisfies Cuyamaca College General Education (includes Graduation Requirement)

**S** Denotes short-term class
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/ cancelled sections, room changes, instructor changes, etc.)

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
8497  TBA       J.Allen
2 units=150 hours paid/120 hours unpaid work experience.

CD-134 Health, Safety & Nutrition  3.0
0816  TBA       WEB-WEB L.Furry
Online course; 52.5 total instructional hours. Email laurie.furry@gcccd.edu by 1/26 and complete the orientation by 2/2.

CD-141 Children With Special Needs  3.0
5125  06:00PM-09:05PM M R-111 K.Zink

CD-143 Planning: Infant/Toddler Care  3.0
Recommended Preparation: "C" grade or higher or "Pass" in CD 124 or 125 or equivalent.
9898  06:00PM-08:50PM TH R-111 D.Ferrin

CD-153 Teaching in a Diverse Society  3.0
S  6769  09:00AM-12:30PM MTHWF R-111 L.Furry Jan 04-Jan 23

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.
4638  TBA       T.Hanna
2 units=150 hours paid/120 hours unpaid work experience.

CD-210 Children Challenging Behaviors  3.0
8704  06:00PM-08:50PM W R-111 T.Hanna

CHEMISTRY

CHEM-102 Gen, Organic, Biological Chem  5.0
Optional $10 materials fee may be charged. Safety glasses must be supplied by student.
Prerequisite: Grade of "Pass" in Math 090 or equivalent.
5147  08:00AM-09:50AM TTH F-702 G.Elliott
      08:00AM-10:50AM F H-202
9191  12:00PM-01:50PM TTH F-408 R.Dutnall
      02:00PM-04:50PM T H-204
6688  12:00PM-01:50PM TTH F-408 R.Dutnall
      02:00PM-04:50PM TH H-204
4612  05:00PM-06:50PM TTH H-139 J.Sardo
      07:00PM-08:15PM TTH H-204

CHEM-120 Prep for General Chemistry  4.0
Prep course for science/engineering majors. Optional $10 materials fee may be charged. Safety glasses must be supplied by student.
Prerequisite: "C" grade or higher or "Pass" in MATH 110 or equivalent.
5101  08:00AM-09:15AM MW F-408 G.Elliott
      09:25AM-12:15PM M H-202
5102  08:00AM-09:15AM MW F-408 G.Elliott
      09:25AM-12:15PM W H-202
8766  11:30AM-12:45PM MW F-408 A.Hofler
      01:00PM-03:50PM M H-204
8767  11:30AM-12:45PM MW F-408 A.Hofler
      01:00PM-03:50PM W H-204
5140  05:30PM-06:45PM TTH H-138 S.Lahankar
      06:55PM-09:45PM T H-202

CHEM-141 General Chemistry I  5.0
Principles of chemistry for science/engineering majors. Optional $10 materials fee may be charged. Safety glasses must be supplied by student.

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

(CHEM-141 continued)
Prerequisite: "C" or higher or "Pass" in CHEM 120 or equivalent or the CHEM 141 assessment and "C" grade or higher or "Pass" in the MATH 110 or equivalent.

9353 12:30PM-01:45PM MW F-702 R.Anness
01:55PM-04:45PM MW H-202
7361 02:00PM-03:15PM TTH F-702 F.Chambers
03:30PM-06:20PM TTH H-202
9354 05:30PM-06:45PM MW H-139 D.Madrid
06:55PM-09:45PM MW H-202

CHEM-142 General Chemistry II 5.0
Optional $10 materials fee may be charged. Safety glasses must be supplied by student.
Prerequisite: "C" grade or higher or "Pass" in CHEM-141 or equivalent.

8397 10:00AM-11:15AM TTH F-702 K.Brinton
11:25AM-02:15PM TTH H-202
8398 05:00PM-06:15PM MW F-702 G.Kalyuzhny
06:30PM-09:20PM MW H-204

CHEM-232 Organic Chemistry II 5.0
Prerequisite: "C" grade or higher or "Pass" in CHEM 231 or equivalent.

8893 09:00AM-10:15AM TTH H-204 R.Anness
10:30AM-01:20PM TH H-204
09:00AM-11:55AM F H-204

COMPUTER & INFORMATION SCIENCE

CIS-110 Principles Information Systems 4.0
S 4016 TBA WEB-WEB A.Zuckerman Jan 25-Apr 23
Online course; 105 total instructional hours. See Class orientation materials are located on Blackboard. Microsoft Office 2013 using Access, Excel. Articulates with IDS 180 at SDSU.

S 5143 TBA WEB-WEB T.Phillips Jan 25-Apr 23
Online course; 105 total instructional hours. See www.cuyamaca.edu/people/tim-phillips for orientation details. Microsoft Office 2013 using Access, Excel. Articulates with IDS 180 at SDSU.

S 5144 TBA WEB-WEB J.Johnson
Online course; 105 total instructional hours. Class orientation materials are located on Blackboard. Microsoft Office 2013 using Access, Excel. Articulates with IDS 180 at SDSU.

S 5149 TBA WEB-WEB G.Bonilla
Online course; 105 total instructional hours. Email jane.herrick@gcccd.edu by 1/25. Microsoft Office 2013 using Access, Excel. Articulates with IDS 180 at SDSU.

S 4017 09:00AM-01:30PM W E-210 G.Differding Feb 01-Apr 30
Additional 4 instructional hours/week via Internet. Microsoft Office 2013 using Access, Excel. Articulates with IDS 180 at SDSU.

S 5141 01:00PM-05:30PM T E-210 G.Differding Feb 01-Apr 30
Additional 4 instructional hours/week via Internet. Microsoft Office 2013 using Access, Excel. Articulates with IDS 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 5152 TBA WEB-WEB T.Phillips Jan 25-Apr 23
Online course; 87.5 total instructional hours. See www.cuyamaca.edu/people/tim-phillips for orientation details.

S 5155 08:00AM-12:05PM M E-213 T.Phillips Jan 25-Apr 23
Additional 3 hours 35 minutes instructional time/week via the Internet. See www.cuyamaca.edu/people/tim-phillips for orientation details.

+ Satisfies Cal. State University General Education

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

CIS-121 Network Cabling Systems 3.0
Networking using CAT5 and fiber optic cabling. $27 supplies fee due at registration.
S 5156 01:00PM-05:05PM M E-211 T.Phillips Jan 25-Apr 23
Additional 3 hours 35 minutes instructional time/week via the Internet. See www.cuyamaca.edu/people/tim-phillips for orientation details.

CIS-125 Network+ Certification 3.0
Recommended Preparation: Basic computer skills (basic knowledge of hardware, operating systems, applications software).
S 4018 TBA WEB WEB T.Phillips Jan 25-Apr 23
Online course; 87.5 total instructional hours. See www.cuyamaca.edu/people/tim-phillips for orientation details.

CIS-191 Linux Operating System 3.0
Prerequisite: "C" grade or higher or "Pass" in CIS 120 or 125 or equivalent or current CompTIA A+ or N+ certification.
0875 TBA WEB WEB G.Differding Online course; 87.5 total instructional hours. See class Blackboard site for orientation details.

CIS-201 Cisco Networking Academy I 3.0
Recommended Preparation: "C" grade or higher or "Pass" in CIS 125 or equivalent.
S 7907 TBA E-205 C.Sharon Jan 25-Mar 19
Mandatory NEW student orientation: TBA. Requires 48 instructional hours in the CISCO lab. Additional 4 hours, 35 minutes instructional time/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 5167 TBA E-205 L.Carver Mar 28-May 21
Mandatory NEW student orientation: TBA. Requires 48 instructional hours in the CISCO Lab. Additional 4 hours, 35 minutes instructional time/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 5169 TBA E-205 C.Sharon Mar 28-May 21
Mandatory NEW student orientation: TBA. Requires 48 instructional hours in the CISCO Lab. Additional 4 hours, 35 minutes instructional time/week via Internet.

CIS-209 Cisco Networking Academy IX 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.
9158 TBA E-205 R.Glauser
Mandatory NEW student orientation: TBA. Requires 48 instructional hours in the CISCO Lab. Additional 2 instructional hours/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).
W 8100 WEB WEB TBA J.Reed
Online course; 87.5 total instructional hours. See http://www.cuyamaca.edu/people/jodi-reed for orientation.
9015 09:30AM-12:20PM T E-204 J.Reed
Additional 2 instructional hours/week via Internet.
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

CIS-213 Web Development II 3.0
Using current version of Dreamweaver.
Prerequisite: "C" grade or higher or "Pass" in CIS 211 or equivalent.
0873 TBA WEB-WEB M.Steffen
Online course; 87.5 total instructional hours.

CIS-215 JavaScript Web Programming 3.0
Prerequisite: "C" grade or higher or "Pass" in CIS 211 or equivalent or one year verifiable HTML and CSS coding experience.
8345 06:00PM-08:50PM T E-204 T.Pelkie
Additional 2 instructional hours/week via Internet.

CIS-263 Fundamentals Network Security 3.0
Prerequisite: "C" grade or higher or "Pass" in CIS 125 or 201, and 190 or 191 or equivalent.
9161 TBA WEB-WEB A.Alam
Online course; 87.5 total instructional hours. Email instructor by 1/28.

CIS-267 Directed Work Exp in CIS
Prerequisite: 12 units in CIS/CS courses related to field in which work experience is sought and current resume highlighting computer science or information system experience and course-related study.
8849 TBA J.Reed
Mandatory orientation; contact Jodi Reed at jodi.reed@gcccd.edu or 619-660-4465.
1 unit=75 hours paid/60 hours unpaid work experience. Instructor permission required to enroll.
8850 TBA J.Reed
Mandatory orientation; contact Jodi Reed at jodi.reed@gcccd.edu or 619-660-4465.
2 units=150 hours paid/120 hours unpaid work experience. Instructor permission required to enroll.
8851 TBA J.Reed
Mandatory orientation; contact Jodi Reed at jodi.reed@gcccd.edu or 619-660-4465.
3 units=225 hours paid/180 hours unpaid work experience. Instructor permission required to enroll.
8852 TBA J.Reed
Mandatory orientation; contact Jodi Reed at jodi.reed@gcccd.edu or 619-660-4465.
4 units = 300 hours paid/240 hours unpaid work experience. Instructor permission required to enroll.

CIS-290 Windows Server-Install, Config 2.0
Using Server 2012.
Prerequisite: "C" grade or higher or "Pass" in CIS 190 or equivalent or current Microsoft Certified Technology Specialist (MCTS) 70-680 certification.
8344 06:00PM-08:20PM W E-211 K.Nye
Additional 1.5 instructional hours/week via Internet.

COMMUNICATION

COMM-110 Intro to Mass Communication 3.0
5841 TBA WEB-WEB K.Togerson
Online course; 52.5 total instructional hours.
8248 TBA WEB-WEB K.Togerson Jan 04-Jan 23
Online course; 52.5 total instructional hours.
8776 TBA WEB-WEB K.Togerson
Online course; 52.5 total instructional hours.

COMM-120 Interpersonal Communication 3.0
5845 08:00AM-09:15AM MW B-253 B.O'Donnell
9447 08:00AM-09:15AM TTH B-253 B.O'Donnell
5847 09:00AM-12:05PM F B-253 S.Gallardo
4682 09:00AM-12:30PM MTWTHF B-271 N.Jennings Jan 04-Jan 23
8243 09:30AM-10:45AM TTH B-253 N.Jennings

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
S Denotes short-term class

15
### COMM-120 Continued

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>5866</td>
<td>Advanced Public Speaking</td>
<td>3.0</td>
<td>TTH</td>
<td>11:00AM-12:15PM</td>
<td>MW</td>
<td>B-253</td>
<td>N.Jennings</td>
</tr>
<tr>
<td>5827</td>
<td>Intercultural Communication</td>
<td>3.0</td>
<td>TTH</td>
<td>08:00AM-09:15AM</td>
<td>MW</td>
<td>B-262</td>
<td>N.Wier</td>
</tr>
<tr>
<td>5856</td>
<td>Critical Thinking Group Communication</td>
<td>3.0</td>
<td>TTH</td>
<td>08:00AM-09:15AM</td>
<td>TH</td>
<td>B-262</td>
<td>K.Corcoran</td>
</tr>
<tr>
<td>1137</td>
<td>Argumentation</td>
<td>3.0</td>
<td>TTH</td>
<td>06:30PM-09:20PM</td>
<td>W</td>
<td>B-253</td>
<td>C.Pearson</td>
</tr>
</tbody>
</table>

### COUNSELING

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>0881</td>
<td>College and Career Success</td>
<td>3.0</td>
<td>Jan 25-Mar 19</td>
</tr>
<tr>
<td>0882</td>
<td>College and Career Success</td>
<td>3.0</td>
<td>Mar 28-May 21</td>
</tr>
</tbody>
</table>

Satisfies Cal. State University General Education

Satisfies Cuyamaca College General Education (includes Graduation Requirement)

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

(COUN-120 continued)

S 4843  TBA  WEB=WEB  N.Keeley  Jan 25-Mar 19
Online course; 52.5 total instructional hours.
0885  09:30AM-10:45AM  MW  E-229  P.Delys
See www.cuyamaca.edu/pauldelys for information.
0884  09:30AM-10:45AM  TTH  E-225  G.Gomez
S 8845  09:30AM-11:00AM  TTH  HHS-HHS  A.Osborne  Jan 25-May 21
Meets at Helix High School, 7323 University Avenue,
La Mesa, CA, room TBA. Contact instructor for enrollment information. Spring break is March 21 through April 1.
S 8855  09:30AM-11:00AM  WF  HHS-HHS  A.Osborne  Jan 25-May 21
Meets at Helix High School, 7323 University Avenue,
La Mesa, CA, room TBA. Contact instructor for enrollment information. Spring break is March 21 through April 1.
0886  10:00AM-01:05PM  F  F-407  C.Leal
1308  11:00AM-12:15PM  MW  E-229  G.Gomez
1313  12:30PM-01:45PM  MW  E-229  R.Putrus
S 5204  01:00PM-05:30PM  MTWTH  B-268  R.Jerjis  Jan 04-Jan 23
8830  02:15PM-05:30PM  WTH  SHS-SHS  O.Leal
Meets at Santana High School, 9915 N Magnolia Ave, Santee, CA, room TBA. Contact instructor for enrollment information.
8834  02:30PM-03:45PM  TTH  VHS-VHS  V.Silva-Delgado
Meets at Valhalla High School, 1725 Hillsdale Rd, El Cajon, CA, room TBA. Contact instructor for enrollment information.
4993  04:00PM-06:50PM  T  B-268  A.Yassi
0887  06:00PM-09:05PM  M  A-112  R.Jerjis
8905  02:50PM-04:20PM  MT  SCHS  C.Cuz-Flores  Jan 25-May 21
S 8930  12:00PM-02:35PM  TTH  SHS-SHS  G.Gomez
Meets at Steel Canyon High School 12440 Campo Road, Spring Valley CA
room TBA. Contact instructor for enrollment information.

COUN-130 Study Skills & Time Management 1.0
S 4843  12:30PM-02:35PM  TH  A-112  B. Williams  Jan 25-Mar 19

+  COUN-140 Self Awareness & Interpersonal 3.0
S 0889  05:00PM-08:30PM  W  A-112  R.Jerjis  Feb 08-May 21

COUN-150 Transfer Success 1.0
S 8511  09:00AM-12:15PM  F  F-513  A.Blyumin  Mar 07-Apr 16
S 8513  09:00AM-12:15PM  F  F-513  A.Blyumin  Apr 18-May 21
8485  10:00AM-10:55AM  F  E-229  R.Carino Diokno
This course is part of the First Year Experience program. For enrollment information contact the instructor.
8487  10:00AM-10:55AM  F  E-229  A.GuarachaJr
This course is part of the First Year Experience program. For enrollment information contact the instructor.
8488  10:00AM-10:55AM  F  E-405  J.Guerrero
This course is part of the First Year Experience program. For enrollment information contact the instructor.
8492  10:00AM-10:55AM  F  E-223  V.Silva-Delgado
This course is part of the First Year Experience program. For enrollment information contact the instructor.
S 8490  12:00PM-03:15PM  W  A-112  A.Blyumin  Apr 18-May 21

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.
9591  06:30PM-08:00PM  T  E-210  J.Gerstenberg
Additional 1 hour 20 minutes instructional time/week via Internet. Requires concurrent enrollment in CS 119L #9592.

CS-119L Program Design & Develop Lab 1.0
Corequisite: CS 119
Recommended Preparation: "C" grade or higher or "Pass" in CIS 110 or equivalent.
9592  08:20PM-09:50PM  T  E-210  J.Gerstenberg
Additional 1 hour 20 minutes instructional time/week via Internet. Requires concurrent enrollment in CS 119 #9591.
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/canceled sections, room changes, instructor changes, etc.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-181</td>
<td>Intro to C++ Programming</td>
<td>4.0</td>
</tr>
<tr>
<td>CS-182</td>
<td>Intro to Java Programming</td>
<td>4.0</td>
</tr>
<tr>
<td>ECON-110</td>
<td>Economic Issues and Policies</td>
<td>3.0</td>
</tr>
<tr>
<td>ECON-120</td>
<td>Principles of Macroeconomics</td>
<td>3.0</td>
</tr>
<tr>
<td>ECON-121</td>
<td>Principles of Microeconomics</td>
<td>3.0</td>
</tr>
<tr>
<td>ED-151</td>
<td>Effective Tutoring Strategies</td>
<td>1.0</td>
</tr>
<tr>
<td>EHSM-100</td>
<td>Environmental &amp; OSH Tech</td>
<td>4.0</td>
</tr>
</tbody>
</table>

**CS-181 Intro to C++ Programming 4.0**
Recommended Preparation: "C" grade or higher or "Pass" in CS 119 or equivalent, intermediate algebra.
8351 TBA WEB-WEB  A.Antwan
Online course; 105 total instructional hours. Email azhar.antwan@gcccd.edu by 1/25.
8914 TBA WEB-WEB  A.Antwan/J.Gerstenberg
Online course; 105 total instructional hours.

**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.
9611 06:00PM-09:50PM  M  E-210  T.Volkman
Additional 2 instructional hours/week via Internet.

**ECONOMICS**

+++ ECON-110 Economic Issues and Policies 3.0
5215 08:00AM-09:15AM  TTH  E-223  D.Fitch

+++ 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 110 or equivalent (MATH 110 is recommended for Business majors).
9356 TBA WEB-WEB  M.Aubry
Online course; 52.5 total instructional hours. Email michael.aubry@gcccd.edu prior to class starting.
8322 TBA WEB-WEB  T.Irani  Mar 28-May 21
Online course; 52.5 total instructional hours. MACS are not supported.
9355 08:00AM-09:15AM  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 110 or equivalent (MATH 110 is recommended for Business majors).
9361 TBA WEB-WEB  T.Irani
Online course; 52.5 total instructional hours. Macs are not supported.
1161 08:00AM-09:40AM  T  E-229  M.Aubry
Additional 1 hour, 10 minutes instructional time/week via Internet. Email michael.aubry@gcccd.edu prior to class starting.
9359 07:00PM-09:50PM  TH  E-227  A.Zambelli

**EDUCATION**

ED-151 Effective Tutoring Strategies 1.0
Pass/No Pass only.
7399 10:00AM-12:35PM  F  B-365  M.Graham  Mar 28-May 07
For enrollment information contact Mary.Graham@gcccd.edu.

**ENVIRONMENTAL HEALTH/SAFETY**

EHSM-100 Environmental & OSH Tech 4.0
Overview of hazardous materials/waste management and occupational health and safety.
8937 06:00PM-10:05PM  M  F-608  T.Evans

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

---

**EHSM-130 Health Effects Hazardous Mat** 3.0  
8362 06:00PM-08:50PM T E-225 G.Couture

**EHSM-200 Hazardous Materials Mgmt Apps** 4.0  
Recommended Preparation: "C" grade or higher or "Pass" in EHSM 100 or equivalent or concurrent enrollment.  
8363 06:00PM-09:50PM W F-608 D.Ivester

**EHSM-210 Wastewater & Stormwater Mgmt** 4.0  
Prerequisite: "C" grade or higher or "Pass" in EHSM 100 or equivalent or concurrent enrollment.  
8365 06:00PM-09:50PM TH F-724 R.Vasquez

---

**EHSM-240 Cooperative Work Experience**  
Application of classroom experience in industry. For orientation details call 619-660-4296.  
Prerequisite: "C" grade or higher or "Pass" in EHSM 100 or equivalent.

---

**ENGL-090 Basic English Skills** 3.0  
Pass/No Pass only.  
Recommended Preparation: Placement based on assessment.  
5269 07:30AM-09:20AM M B-269 T.Jabour  
07:30AM-08:20AM W B-269  
08:30AM-09:20AM W B-268  
Students must be concurrently enrolled in ENGL 090R #5753

5268 12:00PM-01:50PM T B-269 C.Boeck  
12:00PM-12:50PM TH B-269  
01:00PM-01:50PM TH B-268  
Students must be concurrently enrolled in ENGL 090R #5750

**ENGL-090R Reading Skills Development** 3.0  
Pass/No Pass only.  
Recommended Preparation: Placement based on assessment; recommend concurrent enrollment in ENGL 090.  
5753 09:30AM-11:20AM M B-171 K.McGregor  
09:30AM-10:20AM W B-171  
10:30AM-11:20AM W B-270  
Students must be concurrently enrolled in ENGL 090 #5269

5750 09:30AM-11:20AM T B-172 K.McGregor  
09:30AM-10:20AM TH B-172  
10:30AM-11:20AM TH B-172  
Students must be concurrently enrolled in ENGL 090 #5268

**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.  
9418 08:00AM-12:05PM F B-171 K.McGregor  
9422 01:30PM-03:20PM MW B-269 T.Pagaard  
Students must be concurrently enrolled in ENGL 098R #5775.  
Veterans please note: this course may not count as units towards housing allowance. Please see a counselor for more information.  
9419 06:00PM-09:50PM W B-172 T.Pagaard

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

(ENGL-098R continued)

Recommended Preparation: Strongly recommend concurrent enrollment in ENGL 098.
5775 01:30PM-02:20PM  T  B-171  M.Bucky
02:30PM-03:20PM  T  B-171  B
01:30PM-03:20PM  TH  B-171

Students must be concurrently enrolled in ENGL 098 #9422.
Veterans please note: this course may not count as units towards housing allowance. Please see a counselor for more information.

ENGL-099 Accelerated Prep Comp&Reading 6.0
Prerequisite: Grade of "Pass" in ENGL 090, 090R or equivalent or assessment.
6566 07:30AM-09:20AM  MW  B-171  C.Charter

Additional 2 instructional hours/week via Internet.
0826 08:30AM-10:20AM  TTH  B-271  L.Brazil
0822 10:30AM-01:20PM  MW  B-269  L.Brazil
8255 11:30AM-02:20PM  TTH  F-405  K.McGregor

ENGL-109 Composition for College 4.0
Prerequisite: "C" grade or higher or "Pass" in ENGL 098 or ESL 106 or equivalent or assessment.
9219  TBA  WEB-WEB  K.Nelson

Online course; 70 total instructional hours. Familiarity with computers required; high speed Internet recommended. Students need to contact the instructor by 1/25 at or risk being dropped.
8256  TBA  WEB-WEB  S.Martin

Online course; 70 total instructional hours. Familiarity with computers required; high speed Internet recommended. Students need to contact the instructor at sarahl.martin@gcccd.edu by 1/25 or risk being dropped.

S 9211 07:00AM-09:05AM  MTWTH  B-360  A.Lapointe  Jan 25-Mar 19

Students must be concurrently enrolled in ENGL 120 #5316.
Students who receive a grade of "C" or higher or "pass" will advance to ENGL 120. Students who receive a grade below "C" will be dropped from the second eight week course.
9213 09:30AM-11:20AM  MW  B-271  T.Jabour

Students must be concurrently enrolled in ENGL 109 #5784.
Veterans please note: this course may not count as units towards housing allowance. Please see a counselor for more information.
9209 09:30AM-12:20PM  F  B-360  C.Cox

Additional 1 instructional hour/week via Internet.
1145 11:30AM-01:20PM  MW  B-171  M.Bucky
9214 11:30AM-01:20PM  TTH  B-365  T.Jabour
9222 02:00PM-03:50PM  MW  B-271  M.Bucky
7282 02:00PM-03:50PM  TTH  B-271  R.Adams
9208 06:00PM-07:50PM  TTH  B-172  K.Allen

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.
5784 09:30AM-11:20AM  T  B-171  M.Bucky
09:30AM-10:20AM  TH  B-171
10:30AM-11:20AM  TH  B-171

Students must be concurrently enrolled in ENGL 109 #9213.
Veterans please note: this course may not count as units towards housing allowance. Please see a counselor for more information.

ENGL-120 College Composition & Reading 3.0
Traditional freshman composition course.
Prerequisite: "C" grade or higher or "Pass" in ENGL 099 or 109 or ESL 119 or 120 or equivalent or assessment.
6568  TBA  WEB-WEB  B.Kuhn

Online course; 70 total instructional hours. Familiarity with computers required; high speed internet recommended. Failure to email brianna.kuhn@gcccd.edu by 1/25 may result in being dropped. Traditional freshman composition course.

+  Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
S Denotes short-term class
ENGL-120 continued

9127 TBA WEB=WEB T.Larson
Online course; 70 total instructional hours. Familiarity with computers required; high speed Internet recommended. Failure to email the instructor trina.larsen@gcccd.edu by 1/25 may result in being dropped. Traditional freshman composition course.

5316 S 07:00AM-08:50AM MW B-360 A.Lapointe Mar 28-May 21
07:00AM-07:50AM TTH B-360
08:00AM-08:50AM TTH B-268

Students must be concurrently enrolled in ENGL 109 #9211.
Students who receive a grade of "C" or higher or "pass" in ENGL 109 will advance to ENGL 120. Students who receive a grade below "C" will be dropped from the second eight week course.

5302 S 07:30AM-10:35AM TTH K-122 C.Boeck Jan 25-Mar 19
10:45AM-11:35AM TTH B-268

Ford Asset class; open to all students.

1144 08:00AM-11:05AM F B-269 M.Hatay-Ferens
11:15AM-12:05PM F B-268

5298 09:30AM-11:20AM M B-360 R.Stafford
09:30AM-10:20AM W B-411
10:30AM-11:20AM W B-268

4722 09:30AM-11:20AM T B-360 C.Cox
09:30AM-10:20AM TH B-268
10:30AM-11:20AM TH B-360

5297 11:30AM-12:20PM T B-172 C.Cox
12:30PM-01:20PM T B-270
11:30AM-01:20PM TH B-172

9456 11:30AM-01:20PM M B-360 J.Hall
11:30AM-12:20PM W B-360
12:30PM-01:20PM W B-270

Student must be concurrently enrolled in PSY 120 #8683.

5289 01:30PM-02:20PM T B-365 A.Wade
02:30PM-03:20PM T B-270
01:30PM-03:20PM TH B-365

5301 02:00PM-03:50PM M B-360 A.Oclancy
02:00PM-02:50PM W B-270
03:00PM-03:50PM W B-360

7145 03:30PM-05:20PM M B-269 R.Bacchia
03:30PM-04:20PM W B-269
04:30PM-05:20PM W B-268

9457 03:30PM-05:20PM T B-360 A.Wade
03:30PM-04:20PM TH B-360
04:30PM-05:20PM TH B-268

5259 06:00PM-07:50PM T B-360 R.Montana
06:00PM-06:50PM TH B-360
07:00PM-07:50PM TH B-270

7138 06:00PM-08:50PM W B-271 B.Progar
09:00PM-09:50PM W B-270

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.

K.Bailey

Online course; 52.5 total instructional hours. Familiarity with computers required; high speed Internet recommended. Failure to email kim.bailey@gcccd.edu by 1/25 may result in being dropped.
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>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-124</td>
<td>Advanced Composition</td>
<td>3.0</td>
</tr>
<tr>
<td>ENGL-126</td>
<td>Creative Writing</td>
<td>3.0</td>
</tr>
<tr>
<td>ENGR-100</td>
<td>Intro to Engineering &amp; Design</td>
<td>4.0</td>
</tr>
<tr>
<td>ENGR-119</td>
<td>Basic Engineering CAD</td>
<td>3.0</td>
</tr>
</tbody>
</table>

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

Online course; 70 total instructional hours. Familiarity with computers required, high speed internet recommended. Failure to email tina.adlparvar@gcccd.edu by 1/25 may result in being dropped.

**ENGL-126 Creative Writing 3.0**
Prerequisite: "C" grade or higher or "Pass" in ENGL 109 or equivalent or assessment into ENGL 120.

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

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
S Denotes short-term class
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>
<th>Course Title</th>
<th>Units</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR-120</td>
<td>Engineering Computer Apps</td>
<td>3.0</td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in MATH 180 or equivalent or concurrent enrollment.</td>
</tr>
<tr>
<td>ENGR-129</td>
<td>Engineering Solid Modeling</td>
<td>3.0</td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in CADD 115 or ENGR 100 or equivalent.</td>
</tr>
<tr>
<td>ENGR-175</td>
<td>Microcontroller &amp; Robotics</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>ENGR-210</td>
<td>Electric Circuits</td>
<td>4.0</td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in MATH 280, PHYC 200 or equivalent.</td>
</tr>
<tr>
<td>ENGR-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.</td>
</tr>
<tr>
<td>ENGR-220</td>
<td>Engineering Mechanics-Dynamics</td>
<td>3.0</td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in ENGR 200 or equivalent.</td>
</tr>
<tr>
<td>EXERCISE SCIENCE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td># ES-001</td>
<td>Adapated Physical Exercise</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td># ES-009A</td>
<td>Beginning Aerobic Dance Ex</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td># ES-009B</td>
<td>Intermediate Aerobic Dance Ex</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td># ES-009C</td>
<td>Advanced Aerobic Dance Ex</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td># ES-010</td>
<td>Cardio Fitness and Nutrition</td>
<td>1.0</td>
<td></td>
</tr>
</tbody>
</table>

### EXERCISE SCIENCE

<table>
<thead>
<tr>
<th>#</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>#</td>
<td>ES-001</td>
<td>Adapated Physical Exercise</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>#</td>
<td>ES-009A</td>
<td>Beginning Aerobic Dance Ex</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>#</td>
<td>ES-009B</td>
<td>Intermediate Aerobic Dance Ex</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>#</td>
<td>ES-009C</td>
<td>Advanced Aerobic Dance Ex</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>#</td>
<td>ES-010</td>
<td>Cardio Fitness and Nutrition</td>
<td>1.0</td>
<td></td>
</tr>
</tbody>
</table>

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

(ES-010 continued)

8215  02:00PM-03:15PM  TTH  D-203  J.Tomaschke
Emphasizes nutrition and cardiovascular exercise.

#  ES-011 Circuit Training  1.0
Pass/No Pass only.
8218  11:00AM-12:15PM  TTH  D-203  L.Dillard
Emphasizes circuit training. Fitness Center courses have activity
and academic requirements.
8220  02:00PM-02:50PM  MWF  D-203  J.Tomaschke
Emphasizes circuit training. Fitness Center courses have activity
and academic requirements.

#  ES-012 Sports Conditioning  1.0
Pass/No Pass only.
8222  09:30AM-10:45AM  TTH  D-401  J.Tomaschke
Emphasizes sports conditioning.

#  ES-014A Beginning Body Building  1.5
Recommended Preparation: "C" grade or higher or "Pass" in ES
014A or equivalent.
7115  11:00AM-12:50PM  M  D-401  P.Thiss
11:00AM-11:50AM  W  D-401
4569  11:00AM-12:50PM  T  D-401  P.Thiss
11:00AM-11:50AM  TH  D-401

#  ES-014B Intermediate Body Building  1.5
Recommended Preparation: "C" grade or higher or "Pass" in ES
014B or equivalent.
7129  11:00AM-12:50PM  M  D-401  P.Thiss
11:00AM-11:50AM  W  D-401
4570  11:00AM-12:50PM  T  D-401  P.Thiss
11:00AM-11:50AM  TH  D-401

#  ES-014C Advanced Body Building  1.5
Recommended Preparation: "C" grade or higher or "Pass" in ES
014C or equivalent.
7131  11:00AM-12:50PM  M  D-401  P.Thiss
11:00AM-11:50AM  W  D-401
4571  11:00AM-12:50PM  T  D-401  P.Thiss
11:00AM-11:50AM  TH  D-401

++ ES-019A Beginning Physical Fitness  1.5
6937  01:00PM-01:50PM  MW  D-205  J.Tomaschke
01:00PM-01:50PM  TH  D-205

++ ES-019B Intermediate Physical Fitness  1.5
Recommended Preparation: "C" grade or higher or "Pass" in ES
019A or equivalent.
6938  01:00PM-01:50PM  MW  D-205  J.Tomaschke
01:00PM-01:50PM  TH  D-205

++ ES-019C Advanced Physical Fitness  1.5
Recommended Preparation: "C" grade or higher or "Pass" in ES
019C or equivalent.
6939  01:00PM-01:50PM  MW  D-205  J.Tomaschke
01:00PM-01:50PM  TH  D-205

#  ES-060A Beginning Badminton  1.0
9484  06:00PM-07:00PM  M  D-100  D.Magnuson
07:05PM-08:05PM  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.
9485  06:00PM-07:00PM  M  D-100  D.Magnuson
07:05PM-08:05PM  M  D-100

#  ES-060C Advanced Badminton  1.0
Recommended Preparation: "C" grade or higher or "Pass" in ES
060B or equivalent.

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
S Denotes short-term class
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>
<th>Title</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Room</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES-076A</td>
<td>Beginning Tennis</td>
<td>1.0</td>
<td>M</td>
<td>06:00PM-07:00PM</td>
<td>D-100</td>
<td>D.Magnuson</td>
</tr>
<tr>
<td>ES-076A</td>
<td>Beginning Tennis</td>
<td>1.0</td>
<td>M</td>
<td>07:05PM-08:05PM</td>
<td>D-100</td>
<td>D.Magnuson</td>
</tr>
<tr>
<td># ES-076A</td>
<td>Beginning Tennis</td>
<td>1.0</td>
<td>F</td>
<td>07:50AM-08:50AM</td>
<td>TC-TC</td>
<td>F.Farmer</td>
</tr>
<tr>
<td># ES-076A</td>
<td>Beginning Tennis</td>
<td>1.0</td>
<td>F</td>
<td>08:55AM-09:55AM</td>
<td>TC-TC</td>
<td>F.Farmer</td>
</tr>
<tr>
<td># ES-076B</td>
<td>Intermediate Tennis</td>
<td>1.0</td>
<td>F</td>
<td>07:50AM-08:50AM</td>
<td>TC-TC</td>
<td>F.Farmer</td>
</tr>
<tr>
<td># ES-076B</td>
<td>Intermediate Tennis</td>
<td>1.0</td>
<td>F</td>
<td>08:55AM-09:55AM</td>
<td>TC-TC</td>
<td>F.Farmer</td>
</tr>
<tr>
<td># ES-076C</td>
<td>Advanced Tennis</td>
<td>1.0</td>
<td>F</td>
<td>07:50AM-08:50AM</td>
<td>TC-TC</td>
<td>F.Farmer</td>
</tr>
<tr>
<td># ES-076C</td>
<td>Advanced Tennis</td>
<td>1.0</td>
<td>F</td>
<td>08:55AM-09:55AM</td>
<td>TC-TC</td>
<td>F.Farmer</td>
</tr>
<tr>
<td># ES-155A</td>
<td>Beginning Basketball</td>
<td>1.0</td>
<td>F</td>
<td>08:45AM-09:45AM</td>
<td>D-100</td>
<td>R.Wojtkowski</td>
</tr>
<tr>
<td># ES-155A</td>
<td>Beginning Basketball</td>
<td>1.0</td>
<td>F</td>
<td>09:50AM-10:50AM</td>
<td>D-100</td>
<td>R.Wojtkowski</td>
</tr>
<tr>
<td># ES-155A</td>
<td>Beginning Basketball</td>
<td>1.0</td>
<td>TH</td>
<td>07:00PM-07:50PM</td>
<td>D-100</td>
<td>R.Wojtkowski</td>
</tr>
<tr>
<td># ES-155A</td>
<td>Beginning Basketball</td>
<td>1.0</td>
<td>TH</td>
<td>08:00PM-08:50PM</td>
<td>D-100</td>
<td>R.Wojtkowski</td>
</tr>
<tr>
<td># ES-155B</td>
<td>Intermediate Basketball</td>
<td>1.0</td>
<td>F</td>
<td>08:45AM-09:45AM</td>
<td>D-100</td>
<td>R.Wojtkowski</td>
</tr>
<tr>
<td># ES-155B</td>
<td>Intermediate Basketball</td>
<td>1.0</td>
<td>F</td>
<td>09:50AM-10:50AM</td>
<td>D-100</td>
<td>R.Wojtkowski</td>
</tr>
<tr>
<td># ES-155B</td>
<td>Intermediate Basketball</td>
<td>1.0</td>
<td>TH</td>
<td>07:00PM-07:50PM</td>
<td>D-100</td>
<td>R.Wojtkowski</td>
</tr>
<tr>
<td># ES-155B</td>
<td>Intermediate Basketball</td>
<td>1.0</td>
<td>TH</td>
<td>08:00PM-08:50PM</td>
<td>D-100</td>
<td>R.Wojtkowski</td>
</tr>
<tr>
<td># ES-155C</td>
<td>Advanced Basketball</td>
<td>1.0</td>
<td>F</td>
<td>08:45AM-09:45AM</td>
<td>D-100</td>
<td>R.Wojtkowski</td>
</tr>
<tr>
<td># ES-155C</td>
<td>Advanced Basketball</td>
<td>1.0</td>
<td>F</td>
<td>09:50AM-10:50AM</td>
<td>D-100</td>
<td>R.Wojtkowski</td>
</tr>
<tr>
<td># ES-155C</td>
<td>Advanced Basketball</td>
<td>1.0</td>
<td>TH</td>
<td>07:00PM-07:50PM</td>
<td>D-100</td>
<td>R.Wojtkowski</td>
</tr>
<tr>
<td># ES-155C</td>
<td>Advanced Basketball</td>
<td>1.0</td>
<td>TH</td>
<td>08:00PM-08:50PM</td>
<td>D-100</td>
<td>R.Wojtkowski</td>
</tr>
</tbody>
</table>

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

(ES-170C continued)

<table>
<thead>
<tr>
<th>Course</th>
<th>Unit</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES-171A</td>
<td>1.0</td>
<td>10:00AM-11:00AM</td>
<td>F</td>
<td>TRK-TRK</td>
<td>B.Hiatt-Aleu</td>
</tr>
<tr>
<td></td>
<td></td>
<td>11:00AM-12:10PM</td>
<td>F</td>
<td>TRK-TRK</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>10:00AM-11:00AM</td>
<td>S</td>
<td>FLDM-FLDM</td>
<td>S.McNary</td>
</tr>
<tr>
<td></td>
<td></td>
<td>11:00AM-12:05PM</td>
<td>S</td>
<td>FLDM-FLDM</td>
<td></td>
</tr>
</tbody>
</table>

# ES-171A Beginning Softball 1.0
Basic fundamentals of offensive/defensive strategies, safety.

<table>
<thead>
<tr>
<th>Course</th>
<th>Unit</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES-171B</td>
<td>1.0</td>
<td>10:00AM-12:00PM</td>
<td>F</td>
<td>FLDM-FLDM</td>
<td>R.Wojtkowski</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12:05PM-01:05PM</td>
<td>F</td>
<td>FLDM-FLDM</td>
<td></td>
</tr>
</tbody>
</table>

# ES-171B Intermediate Softball 1.0
Intermediate individual skill development, game strategy. Recommended Preparation: "C" grade or higher or "Pass" in ES 171A or equivalent.

<table>
<thead>
<tr>
<th>Course</th>
<th>Unit</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES-171C</td>
<td>1.0</td>
<td>10:00AM-12:00PM</td>
<td>F</td>
<td>FLDM-FLDM</td>
<td>R.Wojtkowski</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12:05PM-01:05PM</td>
<td>F</td>
<td>FLDM-FLDM</td>
<td></td>
</tr>
</tbody>
</table>

# ES-171C Advanced Softball 1.0
Advanced skills and strategy. Recommended Preparation: "C" grade or higher or "Pass" in ES 171B or equivalent.

<table>
<thead>
<tr>
<th>Course</th>
<th>Unit</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES-175A</td>
<td>1.0</td>
<td>06:00PM-06:50PM</td>
<td>T</td>
<td>D-100</td>
<td>D.Regas</td>
</tr>
<tr>
<td></td>
<td></td>
<td>07:00PM-07:50PM</td>
<td>T</td>
<td>D-100</td>
<td></td>
</tr>
</tbody>
</table>

# ES-175B Intermediate Volleyball 1.0
Intermediate play, four-person teams and strategies. Recommended Preparation: "C" grade or higher or "Pass" in ES 175A or equivalent.

<table>
<thead>
<tr>
<th>Course</th>
<th>Unit</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES-175C</td>
<td>1.0</td>
<td>06:00PM-06:50PM</td>
<td>T</td>
<td>D-100</td>
<td>D.Regas</td>
</tr>
<tr>
<td></td>
<td></td>
<td>07:00PM-07:50PM</td>
<td>T</td>
<td>D-100</td>
<td></td>
</tr>
</tbody>
</table>

# ES-175C Advanced Volleyball 1.0
Advanced play, four-person teams and strategies. Recommended Preparation: "C" grade or higher or "Pass" in ES 175B or equivalent.

<table>
<thead>
<tr>
<th>Course</th>
<th>Unit</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES-206</td>
<td>2.0</td>
<td>02:00PM-03:25PM</td>
<td>MTWTHF</td>
<td>D-100</td>
<td>R.Wojtkowski</td>
</tr>
<tr>
<td></td>
<td></td>
<td>03:30PM-04:55PM</td>
<td>MTWTHF</td>
<td>D-100</td>
<td></td>
</tr>
</tbody>
</table>

Team competition in men's basketball. Class meets these State/Federal Holidays: 1/18, 2/12, 2/15

<table>
<thead>
<tr>
<th>Course</th>
<th>Unit</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES-213</td>
<td>2.0</td>
<td>11:00AM-03:50PM</td>
<td>M</td>
<td>SYCN-SYCN</td>
<td>J.Klein</td>
</tr>
<tr>
<td></td>
<td></td>
<td>11:00AM-03:50PM</td>
<td>W</td>
<td>SYCN-SYCN</td>
<td></td>
</tr>
</tbody>
</table>

Team competition in men's golf. Meets at Sycuan Golf Resort, 3007 Dehesa Road, El Cajon. Students must bring their own golf clubs.

<table>
<thead>
<tr>
<th>Course</th>
<th>Unit</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES-224</td>
<td>2.0</td>
<td>02:00PM-02:50PM</td>
<td>MW</td>
<td>TC-TC</td>
<td>P.Farmer</td>
</tr>
<tr>
<td></td>
<td></td>
<td>03:00PM-03:50PM</td>
<td>MW</td>
<td>TC-TC</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>01:30PM-02:45PM</td>
<td>TTH</td>
<td>TC-TC</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>02:55PM-04:10PM</td>
<td>TTH</td>
<td>TC-TC</td>
<td></td>
</tr>
</tbody>
</table>

Team competition in women's tennis.

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

ES-227 Intercollegiate Track  2.0
$17.50 insurance fee due at registration.
Prerequisite: Tryout
9368  02:30PM-03:20PM  MTWTHF TRK-TRK  T.Seaman
03:30PM-04:20PM  MTWTHF TRK-TRK
Team competition in women's track.
9369  02:30PM-03:20PM  MTWTHF TRK-TRK  P.Thiss
03:30PM-04:20PM  MTWTHF TRK-TRK  J.Tomaschke
Team competition in men's track.

ES-248 Conditioning for Athletes  1.0
$17.50 insurance fee due at registration.
Prerequisite: Recommendation of Intercollegiate Coach
S 6675  12:00PM-02:15PM  MW  SYCN-SYCN  J.Klein  Jan 04-Jan 23
02:20PM-04:35PM  MW  SYCN-SYCN
01:05PM-02:30PM  T  SYCN-SYCN
02:35PM-04:00PM  T  SYCN-SYCN
For Intercollegiate Golf. Meets at Sycuan Golf Resort, 3007 Dehesa Road, El Cajon. Students must bring their own golf clubs.
S 4895  02:30PM-03:35PM  MTWTHF TRK-TRK  T.Seaman  Jan 04-Jan 23
03:40PM-04:45PM  MTWTHF TRK-TRK
Designed for the 2015 Track & Field Team Athletes.
S 4583  04:00PM-04:50PM  WTH  D-100  R.Wojtkowski  Mar 14-May 21
05:00PM-05:50PM  WTH  D-100
Designed for the 2015 Men's Basketball Team.

ES-249 Comp for Intercoll Athletes  2.0
$17.50 insurance fee due at registration.
Prerequisite: Recommendation of Intercollegiate Coach
4595  12:30PM-01:45PM  MW  FLDM-FLDM  P.Thiss/B.Hiatt-Aleu
02:00PM-03:15PM  MW  FLDM-FLDM
02:00PM-02:50PM  TTH  FLDM-FLDM
12:15PM-02:15PM  F  FLDM-FLDM
Soccer Competencies for Intercollegiate Athletes.
8725  04:00PM-07:15PM  M  D-100  K.Pratte
04:00PM-07:15PM  T  D-100
04:00PM-05:15PM  TH  VBC-VBC
05:25PM-06:40PM  TH  VBC-VBC
Volleyball Competencies for Intercollegiate Athletes.
Thursday class will be held off campus at the Grossmont College Sand Courts, 8800 Grossmont College Drive, El Cajon, CA.

ES-250 Introduction to Kinesiology  3.0
9913  TBA  WEB-WEB  P.Farmer
Online course; 52.5 total instructional hours.
S 8226  TBA  WEB-WEB  P.Thiss  Feb 08-Mar 19
Online course; 52.5 total instructional hours.
S 8868  07:30AM-09:00AM  TTH  J.Tomaschke  Jan 25-May 21
Meets at Steele Canyon High School, 12440 Campo Road, Spring Valley, CA, room TBA. Contact instructor for enrollment information. Spring break is March 21 through April 1.

ES-255 Care/Prevent Athletic Injuries  3.0
5716  06:00PM-08:50PM  W  F-621  L.Butles
09:00PM-09:50PM  W  F-621

ES-270 Cooperative Games  1.0
S 5744  06:00PM-10:10PM  W  D-100  R.Wojtkowski  Mar 28-Apr 23

ES-271 Fitness Walking w/Children  1.0
S 8227  01:00PM-03:10PM  TTH  F-621  K.Kotowski  Jan 04-Jan 16
Additional 4 instructional hours/week via Internet.

ES-272 Issues in Childhood Obesity  1.0
S 5745  TBA  WEB-WEB  K.Kotowski  Jan 04-Jan 23
Online course; 17.5 total instructional hours. Email kathy.kotowski@gcccd.edu.
ENGLISH AS A SECOND LANGUAGE

**ESL-070 ESL I: Intro to ESL Literacy 6.0**
Pass/No Pass only.
Corequisite: ESL 071

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>8225</td>
<td>09:00AM-11:50AM</td>
<td>TTH</td>
<td>F-716</td>
<td>F.Ajo</td>
</tr>
<tr>
<td>8289</td>
<td>09:30AM-12:00AM</td>
<td>MWF</td>
<td>L-101</td>
<td>F.Daley</td>
</tr>
<tr>
<td>8290</td>
<td>11:30AM-01:20PM</td>
<td>TTHF</td>
<td>L-102</td>
<td>B.Dizaiy</td>
</tr>
<tr>
<td>8300</td>
<td>04:00PM-06:50PM</td>
<td>MW</td>
<td>F-407</td>
<td>A.Sharghi</td>
</tr>
</tbody>
</table>

**ESL-071 ESL I: Intro to ESL Comm 6.0**
Pass/No Pass only.
Corequisite: ESL 070

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>8226</td>
<td>09:00AM-11:50AM</td>
<td>MWF</td>
<td>E-227</td>
<td>R.Aoneh</td>
</tr>
<tr>
<td>8294</td>
<td>09:30AM-12:00AM</td>
<td>TTHF</td>
<td>L-102</td>
<td>R.Elmalt</td>
</tr>
<tr>
<td>8292</td>
<td>11:30AM-01:20PM</td>
<td>MWF</td>
<td>L-101</td>
<td>A.Okeke</td>
</tr>
<tr>
<td>8301</td>
<td>04:00PM-06:50PM</td>
<td>TTHF</td>
<td>F-407</td>
<td>H.Dalali</td>
</tr>
</tbody>
</table>

**ESL-080 ESL II: ESL Literacy 6.0**
Pass/No Pass only.
Prerequisite: Grade of "Pass" in ESL 070, 071 or equivalent or assessment.
Corequisite: ESL 080

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>6423</td>
<td>09:30AM-12:20PM</td>
<td>MWF</td>
<td>F-401</td>
<td>C.Pettersen</td>
</tr>
<tr>
<td>6414</td>
<td>12:30PM-03:20PM</td>
<td>TTH</td>
<td>F-401</td>
<td>B.Stern</td>
</tr>
<tr>
<td>6425</td>
<td>05:00PM-07:50PM</td>
<td>MW</td>
<td>F-401</td>
<td>J.Krizovensky</td>
</tr>
</tbody>
</table>

**ESL-081 ESL II: ESL Communication 6.0**
Pass/No Pass only.
Prerequisite: Grade of "Pass" in ESL 070, 071 or equivalent or assessment.
Corequisite: ESL 080

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>9228</td>
<td>09:30AM-12:20PM</td>
<td>TTH</td>
<td>F-401</td>
<td>M.Mancillas-Gomez</td>
</tr>
<tr>
<td>9277</td>
<td>11:30AM-01:20PM</td>
<td>MWF</td>
<td>F-401</td>
<td>M.Mancillas-Gomez</td>
</tr>
<tr>
<td>9230</td>
<td>05:00PM-07:50PM</td>
<td>TTH</td>
<td>F-401</td>
<td>A.Jamal</td>
</tr>
</tbody>
</table>

**ESL-096 English as Second Language I 5.0**
Pass/No Pass only. Basic reading, sentence writing and grammar.
Prerequisite: Grade of "Pass" in ESL 080, 081 or equivalent or assessment.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>5333</td>
<td>09:30AM-12:20PM</td>
<td>M</td>
<td>F-407</td>
<td>V.Neylon</td>
</tr>
<tr>
<td>09:30AM-12:20AM</td>
<td>W</td>
<td>F-407</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:30AM-12:20AM</td>
<td>W</td>
<td>B-270</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9633</td>
<td>09:30AM-12:20PM</td>
<td>W</td>
<td>F-607</td>
<td>G.Tufekci Corte</td>
</tr>
<tr>
<td>09:30AM-10:20AM</td>
<td>F</td>
<td>B-270</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:30AM-12:20PM</td>
<td>F</td>
<td>F-607</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5334</td>
<td>11:00AM-01:50PM</td>
<td>T</td>
<td>B-159</td>
<td>K.Staff</td>
</tr>
<tr>
<td>11:00AM-12:50PM</td>
<td>TH</td>
<td>B-159</td>
<td></td>
<td></td>
</tr>
<tr>
<td>01:00PM-01:50PM</td>
<td>TH</td>
<td>B-154</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6585</td>
<td>02:00PM-04:50PM</td>
<td>T</td>
<td>B-159</td>
<td>K.Oberlander</td>
</tr>
<tr>
<td>02:00PM-03:50PM</td>
<td>TH</td>
<td>B-159</td>
<td></td>
<td></td>
</tr>
<tr>
<td>04:00PM-04:50PM</td>
<td>TH</td>
<td>B-154</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5335</td>
<td>06:30PM-09:20PM</td>
<td>M</td>
<td>B-159</td>
<td>S.Lange-Velazquez</td>
</tr>
<tr>
<td>06:30PM-08:20PM</td>
<td>W</td>
<td>B-159</td>
<td></td>
<td></td>
</tr>
<tr>
<td>08:30PM-09:20PM</td>
<td>W</td>
<td>B-154</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>6280</td>
<td>08:00AM-09:15AM</td>
<td>TTH</td>
<td>F-401</td>
<td>B.Stern</td>
</tr>
<tr>
<td>6283</td>
<td>08:00AM-09:15AM</td>
<td>W</td>
<td>F-407</td>
<td>G.Tufekci Corte</td>
</tr>
<tr>
<td>6281</td>
<td>12:30PM-01:45PM</td>
<td>MW</td>
<td>F-413</td>
<td>H.Dalali</td>
</tr>
<tr>
<td>8298</td>
<td>12:30PM-01:45PM</td>
<td>TTHF</td>
<td>F-413</td>
<td>A.Colls</td>
</tr>
<tr>
<td>6282</td>
<td>05:00PM-06:15PM</td>
<td>MWF</td>
<td>B-159</td>
<td>S.Lange-Velazquez</td>
</tr>
</tbody>
</table>
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/ cancelled sections, room changes, instructor changes, etc.)

ESL-096R Reading & Vocabulary Dev III 3.0
Pass/No Pass only.
Prerequisite: Grade of "Pass" in ESL 080, 081 or equivalent or assessment into ESL 096.
4728 08:00AM-09:15AM  MW B-258  J.Tesar
4732 09:30AM-10:45AM  TTH B-159  K.Staff
4734 12:30PM-01:45PM  WF B-159  C.Corte
4733 05:00PM-06:15PM  TTH B-159  J.Graboi

ESL-100 English as Second Language IV 5.0
Prerequisite: Grade of "Pass" in ESL 096 or equivalent or assessment.
6594 09:30AM-12:20PM  T  F-407  L.Woods
   09:30AM-11:20AM  TH  F-407
   11:30AM-12:20PM  TH  B-270
6589 09:30AM-12:20PM  W  F-613  S.Kauffman
   09:30AM-10:20AM  F  B-268
   10:30AM-12:20PM  F  F-613
   10:00AM-12:50PM  T  F-608  A.Jamal/M.Donan
   10:00AM-11:50AM  TH  F-608
   12:00PM-12:50PM  TH  B-268
6591 11:30AM-12:20PM  M  B-268  Y.Yamamoto
   12:30PM-02:20PM  M  F-407
   11:30AM-02:20PM  W  F-407
6596 06:30PM-08:20PM  T  B-262  A.Colls
   08:30PM-09:20PM  T  B-268
   06:30PM-09:20PM  TH  B-262

ESL-100L Listening and Speaking IV 3.0
Pass/No Pass Only.
Recommended Preparation: Grade of "Pass" in ESL 096L or equivalent or assessment.
6284 08:00AM-09:15AM  MW  F-401  C.Pettersen
6288 12:30PM-01:45PM  WF  F-608  S.Kauffman
6285 01:00PM-02:15PM  TTH  F-608  P.Daley

ESL-100R Reading & Vocabulary Dev IV 3.0
Prerequisite: Grade of "Pass" in ESL 096R or equivalent or assessment into ESL 100.
6600 08:00AM-09:15AM  TTH  B-159  D.Garrett
6597 09:30AM-10:45AM  MW  B-258  Y.Yamamoto
6601 05:00PM-06:15PM  TTH  B-258  G.Colls

ESL-103 English As Second Language III 5.0
High-intermediate reading, paragraph/essay writing, and grammar.
Prerequisite: "C" grade or higher or "Pass" in ESL 100 or equivalent or assessment.
5346 09:30AM-11:20AM  M  F-608  C.Stuardo
   11:30AM-12:20PM  M  B-270
   09:30AM-12:20PM  W  F-608
7395 09:30AM-11:20AM  T  L-101  G.Colls
   11:30AM-12:20PM  T  B-270
   09:30AM-12:20PM  TH  L-101
5347 11:30AM-01:20PM  T  F-512  V.Neylon
   01:30PM-02:20PM  T  B-268
   11:30AM-02:20PM  TH  F-512
5352 05:00PM-06:50PM  M  B-262  M.Mancillas-Gomez
   07:00PM-07:50PM  M  B-268
   05:00PM-07:50PM  W  B-262

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.
4738 09:30AM-10:45AM  TTH  B-258  D.Garrett
4730 12:30PM-01:45PM  MW  B-258  D.Garrett

ESL-106 English as Second Language IV 5.0
Prerequisite: "C" grade or higher or "Pass" in ESL 103 or equivalent or assessment.
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

(ESE-106 continued)

<table>
<thead>
<tr>
<th>CRN</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>6609</td>
<td>09:30AM-10:20AM</td>
<td>M</td>
<td>B-270</td>
<td>G.Colls</td>
</tr>
<tr>
<td>6609</td>
<td>10:30AM-12:20PM</td>
<td>M</td>
<td>L-102</td>
<td></td>
</tr>
<tr>
<td>6609</td>
<td>09:30AM-12:20PM</td>
<td>W</td>
<td>L-102</td>
<td></td>
</tr>
<tr>
<td>9628</td>
<td>11:30AM-12:20PM</td>
<td>T</td>
<td>F-613</td>
<td>J.Graboi</td>
</tr>
<tr>
<td>9628</td>
<td>11:30AM-12:20PM</td>
<td>TH</td>
<td>B-154</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12:30PM-02:20PM</td>
<td>TH</td>
<td>F-613</td>
<td></td>
</tr>
<tr>
<td>5357</td>
<td>06:30PM-09:20PM</td>
<td>M</td>
<td>B-171</td>
<td>D.Hills</td>
</tr>
<tr>
<td>5357</td>
<td>06:30PM-08:20PM</td>
<td>W</td>
<td>B-171</td>
<td></td>
</tr>
<tr>
<td>5357</td>
<td>08:30PM-09:20PM</td>
<td>W</td>
<td>B-268</td>
<td></td>
</tr>
</tbody>
</table>

ESL-119 English as Second Language V 5.0
Prerequisite: "C" grade or higher or "Pass" in ESL 106 or equivalent or assessment.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>8299</td>
<td>09:30AM-11:20AM</td>
<td>T</td>
<td>F-613</td>
<td>S.Frame-Day</td>
</tr>
<tr>
<td>8299</td>
<td>11:30AM-12:20PM</td>
<td>T</td>
<td>B-154</td>
<td></td>
</tr>
<tr>
<td>8299</td>
<td>09:30AM-12:20PM</td>
<td>TH</td>
<td>F-613</td>
<td></td>
</tr>
<tr>
<td>0938</td>
<td>02:00PM-04:50PM</td>
<td>M</td>
<td>B-159</td>
<td>V.Neylon</td>
</tr>
<tr>
<td>0938</td>
<td>02:00PM-03:50PM</td>
<td>W</td>
<td>B-159</td>
<td></td>
</tr>
<tr>
<td></td>
<td>04:00PM-04:50PM</td>
<td>W</td>
<td>B-154</td>
<td></td>
</tr>
<tr>
<td>8817</td>
<td>05:00PM-07:50PM</td>
<td>T</td>
<td>B-171</td>
<td>J.Escobedo</td>
</tr>
<tr>
<td>8817</td>
<td>05:00PM-06:50PM</td>
<td>TH</td>
<td>B-171</td>
<td></td>
</tr>
<tr>
<td></td>
<td>07:00PM-07:50PM</td>
<td>TH</td>
<td>B-154</td>
<td></td>
</tr>
</tbody>
</table>

ESL-120 Accelerated Composition ESL 5.0
Prerequisite: "C" grade or higher or "Pass" in ESL 103 or equivalent or assessment into ESL 106.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>4749</td>
<td>09:30AM-12:20PM</td>
<td>M</td>
<td>B-159</td>
<td>J.Tesar</td>
</tr>
<tr>
<td>4749</td>
<td>09:30AM-11:20AM</td>
<td>W</td>
<td>B-159</td>
<td></td>
</tr>
<tr>
<td>4749</td>
<td>11:30AM-12:20PM</td>
<td>W</td>
<td>B-268</td>
<td></td>
</tr>
<tr>
<td>6610</td>
<td>09:30AM-12:20PM</td>
<td>W</td>
<td>F-413</td>
<td>C.Corte</td>
</tr>
<tr>
<td>6610</td>
<td>09:30AM-11:20AM</td>
<td>F</td>
<td>B-159</td>
<td></td>
</tr>
<tr>
<td>6610</td>
<td>11:30AM-12:20PM</td>
<td>F</td>
<td>B-270</td>
<td></td>
</tr>
</tbody>
</table>

ELECTRONICS TECHNOLOGY

+ ET-110 Introduction Basic Electronics 4.0

<table>
<thead>
<tr>
<th>CRN</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>8818</td>
<td>01:00PM-03:50PM</td>
<td>M</td>
<td>K-101</td>
<td>J.Hannibal</td>
</tr>
<tr>
<td>8818</td>
<td>01:00PM-03:50PM</td>
<td>W</td>
<td>K-101</td>
<td></td>
</tr>
<tr>
<td>5244</td>
<td>01:00PM-03:50PM</td>
<td>T</td>
<td>K-101</td>
<td>J.Hannibal</td>
</tr>
<tr>
<td>5244</td>
<td>01:00PM-03:50PM</td>
<td>TH</td>
<td>K-101</td>
<td></td>
</tr>
</tbody>
</table>

FRENCH

+FREN-120 French I 5.0

<table>
<thead>
<tr>
<th>CRN</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>6648</td>
<td>06:30PM-08:45PM</td>
<td>MWF</td>
<td>F-413</td>
<td>T.Carmona</td>
</tr>
</tbody>
</table>

+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.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>5356</td>
<td>09:30AM-11:45AM</td>
<td>TTH</td>
<td>F-518</td>
<td>R.Lopez-Hocker</td>
</tr>
</tbody>
</table>

GRAPHIC DESIGN

+ GD-105 Fundamentals of Digital Media 3.0
Fundamentals of graphic design technology including Adobe Photoshop, Illustrator, InDesign.
Recommended Preparation: Basic computer skills.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>6961</td>
<td>TBA</td>
<td></td>
<td>WEB-WEB</td>
<td>G.Dowden</td>
</tr>
</tbody>
</table>

Online course; 87.5 total instructional hours required

<table>
<thead>
<tr>
<th>CRN</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>5381</td>
<td>09:30AM-10:20AM</td>
<td>MW</td>
<td>E-230</td>
<td>T.Buckles</td>
</tr>
<tr>
<td>5381</td>
<td>10:30AM-11:45AM</td>
<td>MW</td>
<td>E-230</td>
<td></td>
</tr>
<tr>
<td>5383</td>
<td>01:00PM-01:50PM</td>
<td>TTH</td>
<td>E-230</td>
<td>J.Crowley</td>
</tr>
<tr>
<td>5383</td>
<td>02:00PM-03:15PM</td>
<td>TTH</td>
<td>E-230</td>
<td></td>
</tr>
</tbody>
</table>

GD-125 Typography 3.0
Recommended Preparation: "C" grade or higher or "Pass" in GD 110 or equivalent.
Prerequisite: "C" grade or higher or "Pass" in GD 105 or equivalent.
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

(GD-125 continued)

6651 09:30AM-10:20AM TTH E-230 T.Buckles
10:30AM-11:45AM TTH E-230

GD-126 Photoshop Digital Imaging 3.0
Prerequisite: "C" grade or higher or "Pass" in GD 105 or equivalent.
0872 01:00PM-01:50PM MW E-230 T.Buckles
02:00PM-03:15PM MW E-230

GD-130 Professional Business Practice 3.0
Prerequisite: "C" grade or higher or "Pass" in GD 129 or CIS 212 or equivalent. Student must have a substantial body of completed design or web projects prior to enrollment in this class.
5388 01:00PM-02:15PM TTH E-230 T.Buckles

GD-211 Digital Photography II 3.0
$25 material fee for printing inks.
Prerequisite: "C" grade or higher or "Pass" in GD 210 or equivalent.
5408 08:00AM-09:50AM F E-224 I.Cummings
10:00AM-01:05PM F E-224

GD-222 Web Animation 3.0
Recommended Preparation: "C" grade or higher or "Pass" in CIS 211 or equivalent or basic computer and Internet skills and ability to create and upload a simple website.
5409 09:30AM-10:20AM MW E-224 J.Crowley
10:30AM-11:45AM MW E-224

GD-225 Digital Illustration 3.0
Prerequisite: "C" grade or higher or "Pass" in GD 105 or equivalent.
Recommended Preparation: "C" grade or higher or "Pass" in ART 124, GD 110 or equivalent.
5370 12:30PM-01:45PM TTH H-224 C.Farano
5372 05:30PM-08:20PM T H-224 K.Dodson

GD-230 Graphic Design Work Experience
Email timothy.buckles@gcccd.edu for details.
Prerequisite: 12 units in Graphic Design courses related to field in which work experience is sought and current resume highlighting graphic design experience and course-related study.
5410 TBA T.Buckles
1 unit=75 hours paid/60 hours unpaid work experience.
5411 TBA T.Buckles
2 units=150 hours paid/120 hours unpaid work experience.
5412 TBA T.Buckles
3 units=225 hours paid/180 hours unpaid work experience.

GEOGRAPHY

+## GEOG-106 World Regional Geography 3.0
Study of regional cultural systems around the world.
5366 08:00AM-09:15AM MW H-224 D.Lulka

+## GEOG-120 Physical Geog: Earth Systems 3.0
Study of Earth's dynamic natural systems.
5370 09:30AM-10:45AM MW H-224 D.Lulka
5369 09:30AM-10:45AM TTH H-224 C.Farano
5371 12:30PM-01:45PM TTH H-224 C.Farano
5372 05:30PM-08:20PM T H-224 K.Dodson

+## GEOG-121 Physical Geog Earth Sys Lab 1.0
Applications and investigations of Earth's dynamic natural systems.
Prerequisite: "C" grade or higher or "Pass" in GEOG 120 or GEOL 104 or equivalent or concurrent enrollment in either course.

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

(GEOG-121 continued)

<table>
<thead>
<tr>
<th>CRN</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>9370</td>
<td>GEOLOGY 9370</td>
<td>T</td>
<td>02:00PM-04:50PM</td>
<td>H-224</td>
<td>C.Farano</td>
</tr>
<tr>
<td>5379</td>
<td>GEOL-104 Earth Science</td>
<td>TTH</td>
<td>11:00AM-12:15PM</td>
<td>H-224</td>
<td>M.Verrier</td>
</tr>
<tr>
<td>5380</td>
<td>GEOL-110 Planet Earth</td>
<td>MW</td>
<td>11:00AM-12:15PM</td>
<td>H-224</td>
<td>M.Verrier</td>
</tr>
<tr>
<td>5381</td>
<td>GEOLOGY 9370</td>
<td>T</td>
<td>02:00PM-04:50PM</td>
<td>H-224</td>
<td>C.Farano</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CRN</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>5393</td>
<td>HED-105 Health Education for Teachers 1.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5394</td>
<td>HED-120 Personal Health and Lifestyles</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5395</td>
<td>HED-155 Realities of Nutrition</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5403</td>
<td>HED-201 Introduction to Public Health</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5404</td>
<td>HED-202 Health Professions &amp; Org</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5405</td>
<td>HED-203 Substance Abuse &amp; Public Health</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5406</td>
<td>HED-204 Health and Social Justice</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

HEALTH EDUCATION

+ Denotes short-term class

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/cancelled sections, room changes, instructor changes, etc.)

HED-204 continued

student email address is up to date with Admissions & Records in order to receive course information.

S 8800 TBA WEB-WEB D.Riley Feb 01-Jun 11
Online course; 52.5 total instructional hours. Health Sciences High & Middle College 10th graders. Contact instructor for enrollment information.

S 8801 TBA WEB-WEB D.Riley Feb 01-Jun 11
Online course; 52.5 total instructional hours. Health Sciences High & Middle College 12th graders. Contact instructor for enrollment information.

HISTORY

HED-251 Healthy Lifestyle Theory & App 3.0
Focuses on refugee health and preventive medicine issues
6602 11:00AM-11:50AM TTH F-621 L.Hollands
12:00PM-01:15PM TTH F-621

HIST-100 Early World History 3.0
Study of ancient societies and cultures from historical beginnings to 1500.
9925 TBA WEB-WEB L.Parker
Online course; 52.5 total instructional hours.
S 4684 09:00AM-12:30PM MTWTHF B-365 J.Gonzalez-Meeks Jan 04-Jan 23
6472 11:00AM-12:15PM TTH F-507 D.Salomon

HIST-101 Modern World History 3.0
9926 TBA WEB-WEB P.Utgaard
Online course; 52.5 total instructional hours. For orientation, see www.cuyamaca.edu/peter.utgaard
S 4685 09:00AM-12:30PM MTWTHF B-253 P.Utgaard Jan 04-Jan 23
5424 09:30AM-10:45AM MW B-101 G.Stam
Class meets in the Digital Theatre B101.
1222 06:00PM-09:05PM M F-507 S.Kaffenberger

HIST-106 Modern Western Civilization 3.0
5426 09:30AM-10:45AM TTH F-513 P.Utgaard

HIST-108 Early American History 3.0
Exploration of early U.S. history from settlement through the Civil War.
6717 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 1/25 to register attendance or will be dropped as "no show."
5431 08:00AM-09:15AM MW F-614 M.Gonzalez-Meeks
S 4686 09:00AM-12:30PM MTWTHF B-172 J.Hernandez Jan 04-Jan 23
5428 11:00AM-12:15PM MW F-513 J.Jones
9629 01:00PM-02:15PM TTH E-229 J.Hernandez

HIST-109 Modern American History 3.0
Survey of development of the U.S. from Reconstruction to the present.
5439 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 1/25 to register attendance or will be dropped as "no show."
6470 TBA WEB-WEB A.Tesfamariam
Online course; 52.5 total instructional hours.
8862 TBA WEB-WEB M.Gonzalez-Meeks
Online course; 52.5 total instructional hours. For more information contact Moriah.GonzalezMeeks@gcccd.edu.
4757 09:00AM-12:05PM F F-507 M.Gonzalez-Meeks
S 4687 09:00AM-12:30PM MTWTHF E-223 A.Tesfamariam Jan 04-Jan 23
5435 09:30AM-10:45AM MW F-513 M.Gonzalez-Meeks
5434 09:30AM-10:45AM TTH B-101 J.Hernandez
Class meets in the Digital Theatre B101.
5436 01:00PM-02:15PM MW F-513 J.Jones

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

+ HIST-119 Chicano/Chicana Perspective II 3.0
4755 11:00AM-12:15PM MW F-512 M.Gonzalez-Meeks

+ HIST-124 History of California 3.0
8267 11:00AM-12:15PM TTH F-513 P.Utgaard

+ HIST-132 Kumeyaay I: Precontact – 1900 3.0
8867 03:00PM-03:50PM MTWH GHHS-GHHS R.Christman Feb 01-May 14
Meets at Granite Hills High School, 1719 E. Madison Avenue, El Cajon, CA, room TBA. Contact instructor for enrollment information. No class meeting on 2/8.
7337 05:00PM-05:50PM TH F-512 R.Christman

+ HIST-181 U.S. Hist Black Perspective II 3.0
5447 06:00PM-08:00PM T F-514 A.Tesfamariam

HUMANITIES

+ HUM-110 Principles of the Humanities 3.0
5451 TBA WEB-WEB E.Cline
Online course; 52.5 total instructional hours.
6635 09:30AM-12:35PM F F-710 P.Utgaard
6479 11:00AM-12:15PM MW F-710 P.Carmona
5449 11:00AM-12:15PM TTH F-710 P.Carmona

+ HUM-155 Mythology 3.0
5454 TBA WEB-WEB B.McGraw
Online course; 52.5 total instructional hours. See www.cuyamaca.edu/bruce.mcgraw after 1/15.
5457 12:30PM-01:45PM MW F-710 E.Sampson

MATHEMATICS

MATH-088 Pre-Algebra 4.0
Pass/No Pass only. Review of arithmetic including fractions, decimals, percents; pre-algebra.
5462 08:30AM-09:20AM M H-119 S.Condon
09:30AM-10:45AM M H-134
08:30AM-10:45AM W H-134
6967 09:30AM-10:45AM T H-119 J.Nguyen
10:55AM-11:45AM T H-119
09:30AM-11:45AM TH H-139
1160 12:00PM-12:50PM T H-119 J.Nguyen
01:00PM-02:15PM T H-139
12:00PM-02:15PM TH H-139
9617 12:30PM-02:45PM M H-139 M.Wolfson
12:30PM-01:45PM W H-139
01:55PM-02:45PM W H-119
8195 02:00PM-02:50PM T H-119 K.Stovall
03:00PM-04:15PM T H-114
02:00PM-04:15PM TH H-114
9621 06:00PM-06:50PM T H-119 A.Schraff
07:00PM-08:15PM T H-133
06:00PM-08:15PM TH H-133

MATH-090 Elementary Algebra 5.0
Pass/No Pass only. For students with strong basic math and pre-algebra skills.
Recommended Preparation: Grade of "Pass" in MATH 088 or equivalent.
5477 07:30AM-08:20AM M H-119 E.Preibisius
08:30AM-10:20AM M H-139
07:30AM-10:20AM W H-139
5469 08:00AM-09:50AM T H-113 J.Christensen
10:00AM-10:50AM T H-119
08:00AM-10:50AM TH H-133
7141 09:30AM-10:55AM MTTH H-113 P.Eckert
09:30AM-10:20AM W H-119
8199 11:00AM-12:50PM MW H-113 A.Medina
11:00AM-11:50AM F H-113
12:00PM-12:50PM F H-119

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
S Denotes short-term class
MATH-090 continued

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>6686</td>
<td>11:00AM-12:50PM</td>
<td>T</td>
<td>H-133 R.Gloria</td>
</tr>
<tr>
<td>01:00PM-01:50PM</td>
<td>T</td>
<td>H-119</td>
<td></td>
</tr>
<tr>
<td>11:00AM-01:50PM</td>
<td>TH</td>
<td>H-133</td>
<td></td>
</tr>
<tr>
<td>5474</td>
<td>12:30PM-01:20PM</td>
<td>M</td>
<td>H-119 L.Raffo</td>
</tr>
<tr>
<td>01:30PM-03:20PM</td>
<td>M</td>
<td>H-134</td>
<td></td>
</tr>
<tr>
<td>12:30PM-03:20PM</td>
<td>W</td>
<td>H-134</td>
<td></td>
</tr>
<tr>
<td>5472</td>
<td>01:00PM-03:50PM</td>
<td>T</td>
<td>H-118 L.Raffo</td>
</tr>
<tr>
<td>01:00PM-02:50PM</td>
<td>TH</td>
<td>H-118</td>
<td></td>
</tr>
<tr>
<td>03:00PM-03:50PM</td>
<td>TH</td>
<td>H-119</td>
<td></td>
</tr>
<tr>
<td>5475</td>
<td>02:00PM-03:50PM</td>
<td>T</td>
<td>H-134 P.Eckert</td>
</tr>
<tr>
<td>04:00PM-04:50PM</td>
<td>T</td>
<td>H-119</td>
<td></td>
</tr>
<tr>
<td>02:00PM-04:50PM</td>
<td>TH</td>
<td>H-134</td>
<td></td>
</tr>
<tr>
<td>1210</td>
<td>03:00PM-05:50PM</td>
<td>M</td>
<td>H-113 P.Eckert</td>
</tr>
<tr>
<td>03:00PM-04:50PM</td>
<td>W</td>
<td>H-113</td>
<td></td>
</tr>
<tr>
<td>05:00PM-05:50PM</td>
<td>W</td>
<td>H-119</td>
<td></td>
</tr>
<tr>
<td>8196</td>
<td>06:00PM-07:50PM</td>
<td>M</td>
<td>H-113 R.Krajewski</td>
</tr>
<tr>
<td>08:00PM-08:50PM</td>
<td>M</td>
<td>H-119</td>
<td></td>
</tr>
<tr>
<td>06:00PM-08:50PM</td>
<td>W</td>
<td>H-113</td>
<td></td>
</tr>
<tr>
<td>5465</td>
<td>06:00PM-07:50PM</td>
<td>T</td>
<td>H-113 V.Hergul</td>
</tr>
<tr>
<td>08:00PM-08:50PM</td>
<td>T</td>
<td>H-119</td>
<td></td>
</tr>
<tr>
<td>06:00PM-08:50PM</td>
<td>TH</td>
<td>H-113</td>
<td></td>
</tr>
</tbody>
</table>

**MATH-096 Int Algebra for Statistics** 6.0
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 www.cuyamaca.edu/terrie.nichols/math/math96/m96.html

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>9163</td>
<td>08:00AM-08:50AM</td>
<td>T</td>
<td>H-119 C.Vallejo</td>
</tr>
<tr>
<td>09:00AM-11:50AM</td>
<td>T</td>
<td>H-127</td>
<td></td>
</tr>
<tr>
<td>08:00AM-09:50AM</td>
<td>TH</td>
<td>H-119</td>
<td></td>
</tr>
<tr>
<td>10:00AM-11:50AM</td>
<td>TH</td>
<td>H-127</td>
<td></td>
</tr>
<tr>
<td>9162</td>
<td>01:00PM-03:50PM</td>
<td>M</td>
<td>H-128 D.Curtis</td>
</tr>
<tr>
<td>04:00PM-04:50PM</td>
<td>M</td>
<td>H-119</td>
<td></td>
</tr>
<tr>
<td>01:00PM-02:50PM</td>
<td>W</td>
<td>H-128</td>
<td></td>
</tr>
<tr>
<td>03:00PM-04:50PM</td>
<td>W</td>
<td>H-119</td>
<td></td>
</tr>
</tbody>
</table>

# **MATH-103 Intermediate Algebra** 3.0
For non-science majors; great prep for the ELM test.
Prerequisite: Grade of "Pass" in MATH 090 or equivalent.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>9618</td>
<td>11:00AM-12:50PM</td>
<td>T</td>
<td>H-118 A.Arroyo</td>
</tr>
<tr>
<td>11:00AM-11:50AM</td>
<td>TH</td>
<td>H-119</td>
<td></td>
</tr>
<tr>
<td>12:00PM-12:50PM</td>
<td>TH</td>
<td>H-118</td>
<td></td>
</tr>
<tr>
<td>5481</td>
<td>01:30PM-02:20PM</td>
<td>M</td>
<td>H-138 M.Vargas</td>
</tr>
<tr>
<td>02:30PM-03:20PM</td>
<td>M</td>
<td>H-119</td>
<td></td>
</tr>
<tr>
<td>01:30PM-03:20PM</td>
<td>W</td>
<td>H-138</td>
<td></td>
</tr>
<tr>
<td>5482</td>
<td>06:00PM-07:50PM</td>
<td>T</td>
<td>H-134 M.Balegh</td>
</tr>
<tr>
<td>06:00PM-06:50PM</td>
<td>TH</td>
<td>H-134</td>
<td></td>
</tr>
<tr>
<td>07:00PM-07:50PM</td>
<td>TH</td>
<td>H-119</td>
<td></td>
</tr>
</tbody>
</table>

# **MATH-110 Int Algebra Bus,Math,Sci,Engr** 5.0
For science majors; great prep for the ELM test.
Prerequisite: Grade of "Pass" in MATH 090 or equivalent.

<table>
<thead>
<tr>
<th>Course</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>8250</td>
<td>08:00AM-09:25AM</td>
<td>MTH</td>
<td>H-113 STAFF</td>
</tr>
<tr>
<td>08:00AM-09:25AM</td>
<td>T</td>
<td>H-113</td>
<td></td>
</tr>
<tr>
<td>08:00AM-08:50AM</td>
<td>W</td>
<td>H-119</td>
<td></td>
</tr>
<tr>
<td>5497</td>
<td>08:00AM-10:50AM</td>
<td>T</td>
<td>H-134 A.Arroyo</td>
</tr>
<tr>
<td>08:00AM-09:50AM</td>
<td>TH</td>
<td>H-134</td>
<td></td>
</tr>
<tr>
<td>10:00AM-10:50AM</td>
<td>TH</td>
<td>H-119</td>
<td></td>
</tr>
<tr>
<td>5485</td>
<td>08:30AM-10:20AM</td>
<td>M</td>
<td>H-133 F.Watson</td>
</tr>
<tr>
<td>10:30AM-11:20AM</td>
<td>M</td>
<td>H-119</td>
<td></td>
</tr>
<tr>
<td>08:30AM-11:20AM</td>
<td>W</td>
<td>H-133</td>
<td></td>
</tr>
<tr>
<td>8201</td>
<td>09:30AM-10:20AM</td>
<td>M</td>
<td>H-119 M.Vargas</td>
</tr>
<tr>
<td>10:30AM-12:20PM</td>
<td>M</td>
<td>H-118</td>
<td></td>
</tr>
<tr>
<td>09:30AM-12:20PM</td>
<td>W</td>
<td>H-118</td>
<td></td>
</tr>
<tr>
<td>7142</td>
<td>11:00AM-12:25PM</td>
<td>MTTH</td>
<td>H-134 E.Preibisius</td>
</tr>
<tr>
<td>11:00AM-11:50AM</td>
<td>W</td>
<td>H-119</td>
<td></td>
</tr>
</tbody>
</table>

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

(MATH-110 continued)

5491 12:30PM-03:20PM M H-133 C.Navo
12:30PM-01:20PM W H-119
01:30PM-02:30PM W H-133
5490 12:30PM-03:20PM T H-128 E.Preibisius
12:30PM-01:20PM TH H-119
01:30PM-02:30PM TH H-128
8204 01:00PM-02:50PM MW H-113 K.Sherer
01:00PM-01:50PM F H-113
02:00PM-02:50PM F H-119
5495 02:00PM-04:50PM T H-133 M.Baleigh
02:00PM-03:50PM TH H-133
04:00PM-04:50PM TH H-119
1208 03:00PM-04:50PM M H-118 V.Phung
05:00PM-05:50PM M H-119
03:00PM-05:50PM W H-118
8249 04:00PM-05:50PM M H-127 R.Stevens
06:00PM-06:50PM M H-119
04:00PM-06:50PM W H-127
5486 06:00PM-08:50PM M H-114 S.Condon
06:00PM-07:50PM W H-114
08:00PM-08:50PM W H-119
5489 06:00PM-08:50PM T H-114 C.Koether
06:00PM-07:50PM TH H-114
08:00PM-08:50PM TH H-119

# MATH-120 Math for General Education 3.0
Survey course meeting the minimum CSU requirement in mathematics.
Prerequisite: "C" grade or higher or "Pass" in MATH 103 or 110 or equivalent.
5493 08:00AM-09:15AM MW H-138 R.Stevens
5492 12:30PM-01:45PM TTH H-134 K.Stovall

# MATH-160 Elementary Statistics 4.0
Applications from various fields including science, business, psychology.
Prerequisite: "C" grade or higher or "Pass" in MATH 103 or 110 or equivalent.
S 5468 TBA WEB WEB B.Elliott Jan 25-Mar 19
Online course; 70 total instructional hours. Blackboard is NOT
being used as a course management system, registration in
MyStatLab CMS is required. Final exam on campus or by other
arrangement, please read syllabus for more information BEFORE
enrolling. Mandatory orientation, class details at
www.cuyamaca.edu/people/bryan-elliott/default.aspx. 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). Applications from various fields including science,
business, psychology. Please update your email through
WebAdvisor.
S 5478 TBA WEB WEB H.Noble Feb 22-May 21
Online course; 70 total instructional hours. Registration in
MyStatLab course management system required. Mandatory on-campus
final exam TBA.
S 8252 TBA WEB WEB B.Elliott Mar 28-May 21
Online course; 70 total instructional hours. Blackboard is NOT
being used as a course management system, registration in
MyStatLab CMS is required. Final exam on campus or by other
arrangement, please read syllabus for more information BEFORE
enrolling. Mandatory orientation, class details at
www.cuyamaca.edu/people/bryan-elliott/default.aspx. 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). Applications from various fields including science,
business, psychology. Please update your email through
WebAdvisor.
S 8251 07:00AM-09:45AM MW H-128 T.Nichols Mar 28-May 21
07:00AM-07:50AM F H-128
08:00AM-09:45AM F H-119

+ Satisfies Cuyamaca College General Education (includes Graduation Requirement)
S Denotes short-term class
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>8206</td>
<td>08:00AM-08:50AM</td>
<td>T</td>
<td>H-114</td>
<td>H.Noble</td>
</tr>
<tr>
<td>09:00AM-09:50AM</td>
<td>T</td>
<td>H-119</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1158</td>
<td>10:30AM-11:20AM</td>
<td>M</td>
<td>H-119</td>
<td>A.Krauss</td>
</tr>
<tr>
<td>11:30AM-12:20PM</td>
<td>M</td>
<td>H-119</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:30AM-12:20PM</td>
<td>W</td>
<td>H-139</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8207</td>
<td>12:30PM-01:20PM</td>
<td>M</td>
<td>H-127</td>
<td>S.Rodriguez</td>
</tr>
<tr>
<td>01:30PM-02:20PM</td>
<td>M</td>
<td>H-119</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:30PM-02:20PM</td>
<td>W</td>
<td>H-127</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5504</td>
<td>12:30PM-02:20PM</td>
<td>T</td>
<td>H-127</td>
<td>T.Nichols</td>
</tr>
<tr>
<td>12:30PM-01:20PM</td>
<td>TH</td>
<td>H-127</td>
<td></td>
<td></td>
</tr>
<tr>
<td>01:30PM-02:20PM</td>
<td>TH</td>
<td>H-119</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9620</td>
<td>03:00PM-03:50PM</td>
<td>T</td>
<td>H-119</td>
<td>T.Busken</td>
</tr>
<tr>
<td>04:00PM-04:50PM</td>
<td>T</td>
<td>H-127</td>
<td></td>
<td></td>
</tr>
<tr>
<td>03:00PM-04:50PM</td>
<td>TH</td>
<td>H-127</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8205</td>
<td>06:00PM-06:50PM</td>
<td>T</td>
<td>H-127</td>
<td>T.Busken</td>
</tr>
<tr>
<td>07:00PM-07:50PM</td>
<td>T</td>
<td>H-119</td>
<td></td>
<td></td>
</tr>
<tr>
<td>06:00PM-07:50PM</td>
<td>TH</td>
<td>H-127</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5502</td>
<td>06:00PM-07:50PM</td>
<td>M</td>
<td>H-133</td>
<td>G.Iorio</td>
</tr>
<tr>
<td>06:00PM-06:50PM</td>
<td>W</td>
<td>H-133</td>
<td></td>
<td></td>
</tr>
<tr>
<td>07:00PM-07:50PM</td>
<td>W</td>
<td>H-119</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MATH-170 Analytic Trigonometry 3.0
Study of the trigonometric functions.
Prerequisite: "C" grade or higher or "Pass" in MATH 097, 110 or equivalent.
9372 11:00AM-12:15PM TTH F-514 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).
9373 12:30PM-02:20PM TTH H-113 L.Guerrero
1157 06:00PM-07:50PM MW H-118 C.Navo

### MATH-176 Precalculus—Functions & Graphs 6.0
Prerequisite: "C" grade or higher or "Pass" in MATH 097, 110 or equivalent (MATH 103 does not meet the prerequisite).
9375 08:00AM-10:50AM TTH H-118 G.Crewell
8886 08:30AM-12:30PM W STAFF Feb 01-Jun 18
01:00PM-02:15PM W
Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room 213. Contact instructor for enrollment information.
9376 09:30AM-12:20PM MW H-127 B.Elliott
8253 12:30PM-03:20PM TTH H-138 M.Shah

### 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).
9377 08:00AM-09:50AM TTH H-128 R.Gloria
9378 04:00PM-05:50PM MW E-225 C.O'byrne

### 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.
9379 10:00AM-12:15PM MW H-128 M.Wolfsen
9381 10:00AM-12:15PM TTH H-128 L.Guerrero
9380 06:00PM-08:15PM MW H-128 K.Sherer

### MATH-245 Discrete Mathematics 3.0
Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent.
9382 08:30AM-09:45AM MW H-114 L.Raffo
Please check WebAdvisor at https://wa.gcccd.edu for course changes (added/ cancelled sections, room changes, instructor changes, etc.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
<th>Prerequisite</th>
<th>Sections</th>
</tr>
</thead>
</table>
| MATH-280     | Analytic Geometry & Calculus II 4.0        |       | Continuation of MATH 180 for math, science and engineering majors.           | "C" or higher in MATH 180 or equivalent. | 8211 10:00AM-11:50AM MW H-138 K.Havens  
9381 10:00AM-11:50AM TTH H-138 D.Curtis  
9384 06:00PM-07:50PM MW H-138 V.Trang |
| MATH-281     | Multivariable Calculus 4.0                 |       | Multivariable calculus for math, science and engineering majors.            | "C" or higher in MATH 280 or equivalent. | 9385 10:00AM-11:50AM MW H-114 T.Marshall  
8209 10:00AM-11:50AM TTH H-114 L.Raffo |
| MATH-284     | Linear Algebra 3.0                        |       | Prerequisite: "C" or higher in MATH 280 or equivalent.                      | "C" or higher in MATH 280 or equivalent. | 9386 12:30PM-01:45PM TTH H-114 D.Curtis |
| MATH-285     | Differential Equations 3.0                 |       | Prerequisite: "C" or higher in MATH 280 or equivalent.                      | "C" or higher in MATH 280 or equivalent. | 8254 08:00AM-09:15AM TTH H-138 T.Nichols  
7030 12:30PM-01:45PM MW H-114 T.Nichols |
| MUS-090      | Prep Performance Studies I 0.5             |       | Pass/No Pass Only.                                                          |              | 6289 12:00PM-12:50PM F B-312 T.Smith  
Plus 11 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email taylor.smith@gcccd.edu. |
| MUS-091      | Prep Performance Studies II 0.5            |       | Pass/No Pass Only.                                                          |              | 6291 12:00PM-12:50PM F B-312 T.Smith  
Plus 11 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email taylor.smith@gcccd.edu. |
| MUS-105      | Music Theory and Practice I 4.0           |       |                                                                             |              | 6521 09:00AM-10:50AM TTH B-312 O.Keegan  
09:00AM-10:50AM F B-312 |
| MUS-108      | Rock, Pop and Soul Ensemble 1.0           |       | Prerequisite: Audition                                                      |              | 9045 06:00PM-07:35PM M B-209 T.Smith  
07:45PM-09:15PM M B-209  
Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information contact taylor.smith@gcccd.edu. |
| MUS-109      | Rock, Pop and Soul Ensemble 1.0           |       | Prerequisite: Audition                                                      |              | 9046 06:00PM-07:35PM M B-209 T.Smith  
07:45PM-09:15PM M B-209  
Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information contact taylor.smith@gcccd.edu. |
| MUS-110      | Great Music Listening 3.0                 |       |                                                                             |              | S 8696 TBA WEB WEB H.Vorwerck Mar 28-May 21  
Online course; 52.5 total instructional hours. Assignments are due at end of first week.  
5523 09:30AM-10:45AM MW B-301 M.Nelson  
4794 11:00AM-12:15PM TTH B-301 H.Vorwerck |

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

**MUS-111 History of Jazz**  
3.0  
<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>0841</td>
<td>TBA</td>
<td>WEB-WEB</td>
<td>S.Walton</td>
<td>Jan 25</td>
<td>Mar 19</td>
<td></td>
</tr>
</tbody>
</table>

Online course; 52.5 total instructional hours. See www.cuyamaca.edu/scott.walton for orientation. Assignments are due at end of first week.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1745</td>
<td>TBA</td>
<td>WEB-WEB</td>
<td>S.Walton</td>
<td>Mar 28</td>
<td>May 21</td>
<td></td>
</tr>
</tbody>
</table>

Online course; 52.5 total instructional hours. See www.cuyamaca.edu/scott.walton for orientation. Assignments are due at end of first week.

**MUS-115 History of Rock Music**  
3.0  
<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>9460</td>
<td>TBA</td>
<td>WEB-WEB</td>
<td>S.Walton</td>
<td>Mar 28</td>
<td>May 21</td>
<td></td>
</tr>
</tbody>
</table>

Online course; 52.5 total instructional hours. See www.cuyamaca.edu/scott.walton for orientation. Assignments are due at end of first week.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>8773</td>
<td>TBA</td>
<td>WEB-WEB</td>
<td>D.Bigham</td>
<td>Feb 16</td>
<td>Jun 11</td>
<td></td>
</tr>
</tbody>
</table>

Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room TBA. Contact instructor for enrollment information.

**MUS-116 Introduction to World Music**  
3.0  
<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>6981</td>
<td>TBA</td>
<td>WEB-WEB</td>
<td>A.Hacker</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Online course; 52.5 total instructional hours.

**MUS-118 Introduction to Music**  
4.0  
<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>9186</td>
<td>11:00AM-12:50PM</td>
<td>T</td>
<td>B-312 E.Jordan</td>
<td>11:00AM-12:50PM</td>
<td>B-209</td>
<td></td>
</tr>
</tbody>
</table>

**MUS-121 Music Industry Seminar**  
1.0  
<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>9055</td>
<td>F</td>
<td>01:00PM-02:35PM</td>
<td>T-Smith</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Plus 24 hours of rehearsals, public performances and events to be arranged with the instructor during the semester.

**MUS-122 Music Industry Seminar**  
1.0  
<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>9057</td>
<td>F</td>
<td>01:00PM-02:35PM</td>
<td>T-Smith</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Plus 24 hours of rehearsals, public performances and events to be arranged with the instructor during the semester.

**MUS-132 Class Piano I**  
3.0  
<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>5529</td>
<td>MW</td>
<td>01:00PM-02:15PM</td>
<td>M.Nelson</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**MUS-133 Class Piano II**  
3.0  
<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>5534</td>
<td>MW</td>
<td>02:30PM-03:45PM</td>
<td>J.Harris</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**MUS-158 Chorus**  
1.0  
<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>6539</td>
<td>T</td>
<td>07:00PM-08:25PM</td>
<td>A.Dicce</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>T</td>
<td>08:35PM-10:00PM</td>
<td>A.Dicce</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email anne-marie.dicce@gcccd.edu.

**MUS-159 Chorus**  
1.0  
<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>6584</td>
<td>T</td>
<td>07:00PM-08:25PM</td>
<td>A.Dicce</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>T</td>
<td>08:35PM-10:00PM</td>
<td>A.Dicce</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email anne-marie.dicce@gcccd.edu.

+ Satisfies Cal. State University General Education  
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)  
S Denotes short-term class
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
9295  TBA  T.Smith
For enrollment information contact taylor.smith@gcccd.edu.
1 unit=75 hours paid/60 hours unpaid work experience.
9973  TBA  T.Smith
For enrollment information contact taylor.smith@gcccd.edu.
2 units=150 hours paid/120 hours unpaid work experience.
9974  TBA  T.Smith
For enrollment information contact taylor.smith@gcccd.edu.
3 units=225 hours paid/180 hours unpaid work experience.
9975  TBA  T.Smith
For enrollment information contact taylor.smith@gcccd.edu.
4 units=300 hours paid/240 hours unpaid work experience.

MUS-184 Digital Audio Recording & Prod  3.0
Prerequisite: "C" grade or higher or "Pass" in MUS 120 or equivalent.
8484  01:00PM-03:50PM  T  B-209  T.Smith
01:00PM-02:50PM  TH  B-209

MUS-190 Performance Studies  0.5
Prerequisite: Audition.
6072  12:00PM-12:50PM  F  B-312  T.Smith
Plus 11 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email taylor.smith@gcccd.edu.

MUS-191 Performance Studies  0.5
Prerequisite: Audition.
6073  12:00PM-12:50PM  F  B-312  T.Smith
Plus 11 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email taylor.smith@gcccd.edu.

MUS-208 Rock, Pop and Soul Ensemble  1.0
Prerequisite: Audition.
9914  06:00PM-07:35PM  M  B-209  T.Smith
07:45PM-09:15PM  M  B-209
Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email taylor.smith@gcccd.edu.

MUS-209 Rock, Pop and Soul Ensemble  1.0
Prerequisite: Audition.
9915  06:00PM-07:35PM  M  B-209  T.Smith
07:45PM-09:15PM  M  B-209
Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email taylor.smith@gcccd.edu.

MUS-221 Music Industry Seminar  1.0
9916  01:00PM-02:35PM  F  B-312  T.Smith
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
9919  01:00PM-02:35PM  F  B-312  T.Smith
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.
5547  02:30PM-03:45PM  MW  B-209  J.Harris

MUS-233 Class Piano IV  3.0
Prerequisite: "C" grade or higher or "Pass" in MUS 232 or equivalent.
5552  02:30PM-03:45PM  MW  B-209  J.Harris

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
S Denotes short-term class
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>
<th>Title</th>
<th>Units</th>
<th>Prerequisites</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS-258</td>
<td>Chorus</td>
<td>1.0</td>
<td>Prerequisite: Audition</td>
<td>6587</td>
<td>T</td>
<td>07:00PM-08:25PM</td>
<td>B-120</td>
<td>A.Dicce</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6588</td>
<td>T</td>
<td>08:35PM-10:00PM</td>
<td>B-120</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email <a href="mailto:anne-marie.dicce@gcccd.edu">anne-marie.dicce@gcccd.edu</a>.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS-259</td>
<td>Chorus</td>
<td>1.0</td>
<td>Prerequisite: Audition</td>
<td>6587</td>
<td>T</td>
<td>07:00PM-08:25PM</td>
<td>B-120</td>
<td>A.Dicce</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6588</td>
<td>T</td>
<td>08:35PM-10:00PM</td>
<td>B-120</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email <a href="mailto:anne-marie.dicce@gcccd.edu">anne-marie.dicce@gcccd.edu</a>.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS-290</td>
<td>Performance Studies</td>
<td>0.5</td>
<td>Prerequisite: Audition</td>
<td>6074</td>
<td>F</td>
<td>12:00PM-12:50PM</td>
<td>B-312</td>
<td>T.Smith</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6075</td>
<td>F</td>
<td>12:00PM-12:50PM</td>
<td>B-312</td>
<td>T.Smith</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Plus 11 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email <a href="mailto:taylor.smith@gcccd.edu">taylor.smith@gcccd.edu</a>.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS-291</td>
<td>Performance Studies</td>
<td>0.5</td>
<td>Prerequisite: Audition</td>
<td>6074</td>
<td>F</td>
<td>12:00PM-12:50PM</td>
<td>B-312</td>
<td>T.Smith</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6075</td>
<td>F</td>
<td>12:00PM-12:50PM</td>
<td>B-312</td>
<td>T.Smith</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Plus 11 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email <a href="mailto:taylor.smith@gcccd.edu">taylor.smith@gcccd.edu</a>.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NATIVE AMERICAN LANGUAGES**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Prerequisites</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAKY-121</td>
<td>Kumeyaay II</td>
<td>5.0</td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in NAKY 120 or equivalent.</td>
<td>8706</td>
<td>MW</td>
<td>06:00PM-08:15PM</td>
<td>SYCN-SYCN</td>
<td>S.Rodriguez</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>For class information, please contact Sycuan Cultural Department at (619) 445-6917.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**OCEANOGRAPHY**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Prerequisites</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>OCEA-112</td>
<td>Introduction to Oceanography</td>
<td>3.0</td>
<td>Study of Earth's dynamic ocean environment.</td>
<td>6690</td>
<td>TTH</td>
<td>08:00AM-09:15AM</td>
<td>H-224</td>
<td>M.Verrier</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5803</td>
<td>MW</td>
<td>12:30PM-01:45PM</td>
<td>H-224</td>
<td>R.Rector</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OCEA-113</td>
<td>Oceanography Laboratory</td>
<td>1.0</td>
<td>Applications and investigations of Earth's dynamic ocean environment.</td>
<td>9387</td>
<td>W</td>
<td>02:00PM-04:50PM</td>
<td>H-224</td>
<td>C.Arends</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ORNAMENTAL HORTICULTURE**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>OH-102</td>
<td>Xeriscape: Water Conservation</td>
<td>2.0</td>
<td>Landscape water conservation principles and practices. $150 fresh flower fee allows students to keep their floral arrangements; payment plan available when registering.</td>
<td>6779</td>
<td>W</td>
<td>02:00PM-03:50PM</td>
<td>M-111</td>
<td>L.Rottke</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OH-114</td>
<td>Floral Design I</td>
<td>3.0</td>
<td>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.</td>
<td>9025</td>
<td>M</td>
<td>04:00PM-05:05PM</td>
<td>M-105</td>
<td>D.Citrowske</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Satisfies Cal. State University General Education
* # Satisfies Cuyamaca College General Education (includes Graduation Requirement)
* S Denotes short-term class
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>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>OH-117</td>
<td>Wedding Design I</td>
<td>3.0</td>
</tr>
</tbody>
</table>
|             | Theory/practice of basic and contemporary wedding designs, bouquets, corsages and business practices. $200 fresh flower fee allows students to keep their arrangements (due at registration).
|             | Prerequisite: "C" grade or higher or "Pass" in OH 114 or equivalent. |
| 8366        | 04:00PM-05:50PM T                     | M-105 |
| 06:00PM-08:50PM T | D.Citrowske          |       |
| OH-120      | Fundamentals Ornamental Hort          | 3.0   |
|             | Plant structure, soils, fertilizers, basic horticultural practices. |
| 9307        | 10:00AM-11:50AM T                     | M-105 |
| 12:00PM-02:50PM T | D.Schulz                    |       |
| OH-121      | Plant Propagation                     | 3.0   |
|             |                                      |       |
| 5560        | 11:00AM-12:50PM TH                    | M-105 |
| 01:00PM-03:50PM TH | F.Palafox                  |       |
| OH-130      | Plant Pest Control                    | 3.0   |
|             |                                      |       |
| 5561        | 11:00AM-12:50PM W                     | M-105 |
| 01:00PM-03:50PM W | D.Schult                    |       |
| OH-170      | Plant Materials: Trees, Shrubs        | 3.0   |
|             | Identification, cultural characteristics of 125 landscape trees and shrubs. |
| 5563        | 04:00PM-06:50PM TH                    | M-111 |
|             | L.Whitney                             |       |
| 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. |
| 5564        | 04:00PM-05:50PM TH                    | M-100 |
| 06:00PM-08:50PM TH | S.Hollanday             |       |
| OH-180      | Annuals and Perennials                | 3.0   |
|             | Identification, cultural requirements, landscape value of common annuals/perennials used as bedding plants, annual color, or in the commercial floral industry. |
| 5567        | 01:00PM-03:50PM T                     | M-111 |
|             | L.Rottke                              |       |
| OH-220      | Landscape Const: Concrete, Masonry    | 3.0   |
|             | Construction methods and materials including stone and stamped concrete. Saturday morning and afternoon are one class meeting 2/6, 2/27, 3/12, 4/2, 4/16, 5/7, 5/21. |
| 6496        | 05:00PM-07:05PM T                     | M-111 |
| 08:00AM-12:00PM S | M-105                     |       |
| 12:30PM-03:45PM S | M-105                     |       |
| OH-235      | Landscape Irrigation                  | 4.0   |
|             | Irrigation hydraulics and system components necessary for irrigation design. |
| 4652        | 05:00PM-08:50PM W                     | M-105 |
|             | T.Groot                               |       |
| OH-260      | Arboriculture                         | 3.0   |
|             |                                      |       |
| 8369        | 05:00PM-07:05PM W                     | M-111 |
| 08:00AM-12:00PM S | M-111                     |       |
| 12:30PM-03:45PM S | M-111                     |       |
| OH-275      | Diagnose Horticultural Problem       | 1.5   |
|             | Recommended Preparation: "C" grade or higher or "Pass" in OH 120, 130, 170 or equivalent. |
| 8761        | 04:00PM-04:50PM M                     | M-111 |
| 05:00PM-06:20PM M | T.Faulstich               |       |

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
S Denotes short-term class
OH-290 Cooperative Work Experience
Work experience in local horticulture industry for OH majors.
5577 TBA M-111 F.Palafox
Required orientation Fri. 1/22, 5pm in M-111; second orientation
TBA. 1 unit=75 hours paid/60 hours unpaid work experience.
5578 TBA M-111 F.Palafox
Required orientation Fri. 1/22, 5pm in M-111; second orientation
TBA. 2 units=150 hours paid/120 hours unpaid work experience.
5579 TBA M-111 F.Palafox
Required orientation Fri. 1/22, 5pm in M-111; second orientation
TBA. 3 units=225 hours paid/180 hours unpaid work experience.
5580 TBA M-111 F.Palafox
Required orientation Fri. 1/22, 5pm in M-111; second orientation
TBA. 4 units=300 hours paid/240 hours unpaid work experience.

PARALEGAL STUDIES

PARA-100 Intro to Paralegal Studies 3.0
5586 06:30PM-08:20PM M E-223 M.Sessom
Additional 1 instructional hour/week via Internet.

PARA-110 Civil Litigation Practice 3.0
Prerequisite: "C" grade or higher or "Pass" in PARA 100 or equivalent.
5587 06:30PM-09:20PM T E-231 E.Sturgeon

PARA-132 Computer Assist Legal Research 3.0
$30 legal database fee due at registration
Prerequisite: "C" grade or higher or "Pass" in PARA 100 or equivalent
5589 06:30PM-09:35PM M E-204 B.Baker

PARA-140 Criminal Law and Procedures 3.0
Prerequisite: "C" grade or higher or "Pass" in PARA 100 or equivalent.
8326 06:30PM-09:20PM W E-231 E.Sturgeon

PARA-150 Family Law 3.0
Prerequisite: "C" grade or higher or "Pass" in PARA 100 or equivalent.
8330 06:30PM-09:20PM TH E-231 D.Dellacqua

PARA-250 Internship
Prerequisite: "C" grade or higher or "Pass" in PARA 100 or equivalent.
5593 TBA N.Austin
Mandatory meetings 1/25, 3/14 6-6:25pm in E231.
1 unit=75 hours paid/60 hours unpaid work experience.
5594 TBA N.Austin
Mandatory meetings 1/25, 3/14 at 6-6:25pm in E231.
2 units=150 hours paid/120 hours unpaid work experience.
5595 TBA N.Austin
Mandatory meetings 1/25, 3/14 at 6pm-6:25 in E231.
3 units=225 hours paid/180 hours unpaid work experience.

PERSONAL DEV-SPECIAL SERVICES

PDSS-085 Adapted Computer Basics 1.0
Pass/No Pass only. Recommended for students with disabilities.
Recommended Preparation: "C" grade or higher or "Pass" in
ENGL 098R or equivalent.
S 6821 01:30PM-02:20PM T B-154 B.Josephson Jan 25-Mar 19
02:30PM-03:35PM T B-154
01:30PM-03:35PM TH C-114
The Thursday class meetings to be held in the High Tech Center
in C-114.
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>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDSS-087</td>
<td>Adapted Computer Studies</td>
<td>1.0</td>
<td>Pass/No Pass only. Recommended for students with disabilities.</td>
</tr>
<tr>
<td>8498</td>
<td>01:30PM-03:35PM T B.Josephson Mar 28-May 21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PDSS-090A</td>
<td>Learning Strategies Practicum</td>
<td>1.0</td>
<td>Pass/No Pass only. Recommended for students with disabilities.</td>
</tr>
<tr>
<td>8515</td>
<td>11:00AM-11:50AM A-112 M.Asher-Fitzpatrick</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PDSS-096</td>
<td>Cognitive Communication Skills</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>6713</td>
<td>10:00AM-10:50AM F A-112 M.Jones</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PHILOSOPHY**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHIL-110</td>
<td>A General Intro to Philosophy</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>5641</td>
<td>12:30PM-01:45PM MW B-101 S.Floersheimer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6641</td>
<td>12:30PM-01:45PM TTH F-716 C.Hammond</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5639</td>
<td>06:00PM-08:50PM W F-716 D.Hull</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5636</td>
<td>TBA WEB WEB C.Hammond</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHIL-125</td>
<td>Critical Thinking</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>5643</td>
<td>08:00AM-09:15AM TTH F-508 J.Moore</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9977</td>
<td>09:30AM-10:45AM MW F-716 J.Thompson</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHIL-130</td>
<td>Logic</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>5645</td>
<td>TBA WEB WEB C.Hammond</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHIL-140</td>
<td>Problems in Ethics</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>7189</td>
<td>TBA WEB WEB C.Hammond</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PHYSICS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYC-131</td>
<td>Fundamentals of Physics</td>
<td>4.0</td>
<td></td>
</tr>
<tr>
<td>5748</td>
<td>05:30PM-06:45PM TTH F-505 D.Tibbets</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9883</td>
<td>05:30PM-06:45PM TTH F-505 D.Tibbets</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5749</td>
<td>08:00AM-09:50AM MW H-223 K.Murray</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9197</td>
<td>10:00AM-11:50AM MW H-223 J.Riley</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8405</td>
<td>10:00AM-11:50AM TTH H-223 J.Riley</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4616</td>
<td>08:00AM-09:50AM TTH H-223 M.Simpson</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYC-190</td>
<td>Mechanics and Heat</td>
<td>5.0</td>
<td></td>
</tr>
<tr>
<td>5749</td>
<td>08:00AM-09:50AM MW H-223 K.Murray</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9197</td>
<td>10:00AM-11:50AM MW H-223 J.Riley</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8405</td>
<td>10:00AM-11:50AM TTH H-223 J.Riley</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4616</td>
<td>08:00AM-09:50AM TTH H-223 M.Simpson</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYC-200</td>
<td>Electricity and Magnetism</td>
<td>5.0</td>
<td></td>
</tr>
<tr>
<td>5749</td>
<td>08:00AM-09:50AM MW H-223 K.Murray</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9197</td>
<td>10:00AM-11:50AM MW H-223 J.Riley</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8405</td>
<td>10:00AM-11:50AM TTH H-223 J.Riley</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4616</td>
<td>08:00AM-09:50AM TTH H-223 M.Simpson</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

++ 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.
5752 12:00PM-01:50PM TTH H-223 M.Simpson
02:00PM-04:50PM TH H-223

POLITICAL SCIENCE

++ POSC-120 Politics & Political Analysis 3.0
Basic approaches, perspectives and techniques of the political scientist.
7394 09:30AM-10:45AM MW F-621 J.Vazquez

++ POSC-121 Intro to U.S. Govt & Politics 3.0
Introduction to concepts and structures of U.S. government and politics.
5756 TBA WEB-WEB J.Mercurio
Online course; 52.5 total instructional hours. Email john.mercurio@gcccd.edu no later than 1/20.
S 4688 09:00AM-12:30PM MTWTHF B-269 B.Jennings Jan 04-Jan 23
5757 09:30AM-10:45AM TTH F-507 R.Montano

++ POSC-124 Comparative Govt and Politics 3.0
8269 01:00PM-02:15PM MW F-512 J.Vazquez

PSYCHOLOGY

++ PST-120 Introductory Psychology 3.0
The science of human behavior, thought and emotion.
4781 TBA WEB-WEB T.Doyle
Online course; 52.5 total instructional hours. See www.cuyamaca.edu/people/tom-doyle for information about the class.
5765 TBA WEB-WEB T.Doyle
Online course; 52.5 total instructional hours. See www.cuyamaca.edu/people/tom-doyle for information about the class.
5760 08:00AM-09:15AM MW F-513 S.Weinert
1746 08:00AM-09:15AM TTH F-513 S.Weinert
5766 09:00AM-12:05PM F F-614 J.Jones
S 4689 09:00AM-12:30PM MTWTHF E-225 S.Weinert Jan 04-Jan 23
5763 09:30AM-10:45AM MW B-360 T.Jacob
Student must be concurrently enrolled in ENGL 120 #9456.
5764 09:30AM-10:45AM TTH F-508 D.McGrevy
5765 11:00AM-12:15PM MW B-101 S.Weinert
Class meets in the Digital Theatre B101.
5769 01:00PM-02:15PM MW F-614 J.Jones
9431 01:00PM-02:15PM TTH F-508 D.McGrevy
8842 02:45PM-05:35PM W VHS-VHS M.Sousa
Meets at Valhalla High School, 1725 Hillsdale Rd, El Cajon, CA, room TBA. Contact instructor for enrollment information.
5771 06:00PM-08:50PM W F-508 J.Jones

++ PST-134 Human Sexuality 3.0
Psychological, biological and social aspects of human sexuality.
9630 01:00PM-02:15PM MW F-508 M.Sousa

++ PST-138 Social Psychology 3.0
9433 TBA WEB-WEB R.Wanic
Online course; 52.5 total instructional hours. Email rebeka.wanic@gcccd.edu for details.

++ PST-140 Physiological Psychology 3.0
The relationship between bodily processes, human thought and emotion.
Prerequisite: "C" grade or higher or "Pass" in PSY 120 or equivalent.
5776 09:30AM-10:45AM TTH F-621 S.Weinert

+Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
S Denotes short-term class
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>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY-150</td>
<td>Developmental Psychology</td>
<td>3.0</td>
<td>Changes in thought, emotion and behavior throughout the life span.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in PSY 120 or equivalent</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4792 TBA WEB WEB J.Phillips</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Online course; 52.5 total instructional hours.</td>
</tr>
<tr>
<td>PSY-170</td>
<td>Abnormal Psychology</td>
<td>3.0</td>
<td>Research/theory involving the causes and treatment of psychological disorders.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in PSY 120, 215 or equivalent</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0837 09:00AM-12:05PM F E-204 S.Weinert</td>
</tr>
<tr>
<td>PSY-215</td>
<td>Statistics Behavioral Sciences</td>
<td>3.0</td>
<td>Defining/solving quantitative problems in the behavioral sciences.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in MATH 103 or 110 or equivalent</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>9432 01:00PM-01:50PM MW E-204 S.Weinert</td>
</tr>
<tr>
<td>PSY-220</td>
<td>Learning</td>
<td>3.0</td>
<td>Prerequisite: &quot;C&quot; grade or higher or &quot;Pass&quot; in PSY 120 or equivalent</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5781 09:30AM-10:45AM MW F-508 S.Weinert</td>
</tr>
</tbody>
</table>

REAL ESTATE

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RE-190</td>
<td>Real Estate Principles</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>5786</td>
<td>TBA WEB WEB G.Daunoras</td>
<td></td>
<td>Online course; 52.5 total instructional hours. Email <a href="mailto:gregory.daunoras@gcccd.edu">gregory.daunoras@gcccd.edu</a> for details.</td>
</tr>
<tr>
<td>RE-191</td>
<td>Real Estate Practice</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>5787</td>
<td>06:30PM-09:20PM T E-229 S.Wilson</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RE-192</td>
<td>Real Estate Finance</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>5790</td>
<td>06:30PM-09:20PM TH E-229 G.Daunoras</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RE-194</td>
<td>Real Estate Appraisal</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>5791</td>
<td>09:00AM-12:05PM S E-120 S.Yepiz</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RE-201</td>
<td>Real Estate Property Mgmt</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>8325</td>
<td>06:30PM-09:35PM M E-229 S.Yepiz</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RE-250</td>
<td>Real Estate Internship</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>0861</td>
<td>TBA R.Perez</td>
<td></td>
<td>Mandatory meeting 1/27 at 6pm-6:25 in E-229. 1 unit=75 hours paid/60 hours unpaid work experience.</td>
</tr>
<tr>
<td>0862</td>
<td>TBA R.Perez</td>
<td></td>
<td>Mandatory meeting 1/27 at 6pm-6:25 in E-229. 2 units=150 hours paid/120 hours unpaid work experience.</td>
</tr>
<tr>
<td>0863</td>
<td>TBA R.Perez</td>
<td></td>
<td>Mandatory meeting 1/27 at 6pm-6:25 in E-229. 3 units=225 hours paid/180 hours unpaid work experience.</td>
</tr>
</tbody>
</table>

RELIGIOUS STUDIES

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RELG-120</td>
<td>World Religions</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>5800</td>
<td>09:30AM-10:45AM MW F-710 F.Carmona</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5799</td>
<td>09:30AM-10:45AM TTH F-710 F.Carmona</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RELG-215</td>
<td>Intro to the New Testament</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>6643</td>
<td>TBA WEB WEB B.McGraw</td>
<td></td>
<td>Online course; 52.5 instructional hours required. See <a href="http://www.cuyamaca.edu/bruce.mcgraw">www.cuyamaca.edu/bruce.mcgraw</a> after 1/15.</td>
</tr>
</tbody>
</table>

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

SOCIOLOGY

++ SOC-120 Introductory Sociology 3.0
Social theories and methods; social institutions, interaction and social changes.
5810 TBA WEB-WEB U.Hines
Online course; 52.5 total instructional hours. See www.introsoc.com for orientation; pay special attention to FAQ page. Email questions to ursula.hines@gcccd.edu
5806 09:00AM-09:15AM MW F-507 R.Jacob-Almeida
5811 08:00AM-08:15AM TTH F-507 R.Jacob-Almeida
5824 07:45AM-07:55AM TTH F-507 R.Jacob-Almeida
Class meets in the Digital Theatre B101.
5814 11:00AM-11:15PM TTH F-614 C.Anderson
5809 01:00PM-02:15PM MW F-507 R.Jacob-Almeida
5813 06:00PM-08:00PM MW F-507 R.Jacob-Almeida
++ SOC-125 Marriage, Fam & Alt Lifestyles 3.0
Understanding factors conducive to successful marital and family relationships.
4940 TBA WEB-WEB R.Horn Langford
Online course; 52.5 total instructional hours.
S 5816 09:00AM-12:15PM MW K-121 S.Somo Jan 25-Mar 19
Ford ASSET class; open to all students.
++ SOC-130 Contemporary Social Problems 3.0
5817 09:30AM-10:45AM MW F-507 R.Jacob-Almeida
6634 01:00PM-02:15PM TTH F-507 C.Anderson

SPANISH

++ SPAN-120 Spanish I 5.0
5820 07:00AM-09:15AM MW F-506 M.Berumen
5822 09:30AM-11:45AM MW F-506 L.Maldonado
5821 09:30AM-11:45AM TTH F-506 E.Arzola
5824 12:30PM-02:45PM TTH F-502 C.Tonda-Garcia
9469 06:30PM-08:45PM MW F-502 S.Gonzalez
5828 06:30PM-08:45PM TTH F-502 A.Stere-Lugo
++ SPAN-121 Spanish II 5.0
Prerequisite: "C" grade or higher or "Pass" in SPAN 120 or two years of high school Spanish or equivalent.
5829 09:30AM-11:45AM TTH F-502 Y.Hooper
5831 12:30PM-02:45PM MW F-502 K.Gutierrez
8284 06:30PM-08:45PM TTH F-518 D.Muquiz-Guerreiro
++ SPAN-220 Spanish III 5.0
Prerequisite: "C" grade or higher or "Pass" in SPAN 121 or three years of high school Spanish or equivalent.
5834 09:30AM-11:45AM MW F-502 K.Gutierrez
++ SPAN-221 Spanish IV 5.0
Prerequisite: "C" grade or higher or "Pass" in SPAN 220 or four years of high school Spanish or equivalent.
5836 03:00PM-05:15PM TTH F-502 E.Arzola
++ SPAN-250 Conversational Spanish I 3.0
Prerequisite: "C" grade or higher or "Pass" in SPAN 121 or three years of high school Spanish or equivalent.
5838 09:00AM-12:05PM F F-502 C.Stuardo
++ SPAN-251 Conversational Spanish II 3.0
Prerequisite: "C" grade or higher or "Pass" in SPAN 250 or four years of high school Spanish or equivalent.
5840 09:00AM-12:05PM F F-502 C.Stuardo

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
S Denotes short-term class
**SURVEYING**

**SURV-218 Plane Surveying 4.0**
- Prerequisite: "C" grade or higher or "Pass" in MATH 170 or equivalent or concurrent enrollment.
- 5868 08:00AM-09:50AM S F-724 D.Woolley/J.Butcher
- 10:00AM-01:05PM S F-724
- 01:35PM-04:25PM S F-724
- Also listed as ENGR 218 #5297.

**SURV-220 Boundary Control & Legal Princ 3.0**
- Prerequisite: "C" grade or higher or "Pass" in SURV/ENGR 218 or equivalent.
- 8904 05:00PM-08:05PM S F-621 J.Butcher

**SURV-240 Advanced Surveying 4.0**
- Prerequisite: "C" grade or higher or "Pass" in SURV/ENGR 218 or equivalent.
- 9389 10:00AM-01:05PM S F-621 J.Butcher/D.Woolley
- 01:35PM-04:25PM S F-621

**SOCIAL WORK**

**SW-110 Social Work Fields of Service 3.0**
- 8998 01:00PM-02:15PM TTH F-513 A.Stirling

**SW-120 Introduction to Social Work 3.0**
- 8803 08:00AM-11:05AM TH STAFF Feb 16-Jun 11
- Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room TBA. Contact instructor for enrollment information.
- 5818 09:30AM-10:45AM TTH F-614 A.Stirling

**THEATRE ARTS**

**+# THTR-110 Introduction to the Theatre 3.0**
- 1149 02:00PM-03:15PM TTH B-301 A.Ecker

**WORK EXPERIENCE**

**WEX-110 Gen Cooperative Work Exp Ed**
- 5459 TBA V.Jones
- Mandatory orientation 1/20 or 1/21, 5pm in A112. For details email valita.jones@gcccd.edu or call 619-660-4000 x3150.
- 1 unit=75 hours paid/60 hours unpaid work experience.
- 5460 TBA V.Jones
- Mandatory orientation 1/20 or 1/21, 5pm in A112. For details email valita.jones@gcccd.edu or call 619-660-4000 x3150.
- 2 units=150 hours paid/120 hours unpaid work experience.
- 5461 TBA V.Jones
- Mandatory orientation 1/20 or 1/21, 5pm in A112. For details email valita.jones@gcccd.edu or call 619-660-4000 x3150.
- 3 units=225 hours paid/180 hours unpaid work experience.

**WATER/WASTEWATER TECHNOLOGY**

**WWTR-101 Fund of Water/Wastewater Tech 3.0**
- Overview of the water/wastewater field and issues confronting the industry.
- 5871 06:00PM-09:15PM MW F-607 J.Young Jan 25-Mar 19

**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.
- 8371 04:00PM-05:25PM MTWTH F-607 J.Young Jan 25-Mar 19
- 9033 06:00PM-09:05PM TTH F-607 J.Young Jan 25-Mar 19
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>
<th>Course Title</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Instructor</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>WWTR-103</td>
<td>Water Resources Management</td>
<td>3.0</td>
<td>TTH</td>
<td>06:00PM-09:05PM</td>
<td>TTH</td>
<td>M.Uhrhammer</td>
<td>Jan 25-Mar 19</td>
<td></td>
</tr>
<tr>
<td>WWTR-104</td>
<td>Applied Hydraulics</td>
<td>3.0</td>
<td>M.W.</td>
<td>06:00PM-09:05PM</td>
<td>M.W.</td>
<td>J.Young</td>
<td>Mar 28-May 21</td>
<td></td>
</tr>
<tr>
<td>WWTR-115</td>
<td>Wastewater Reclamation/Reuse</td>
<td>3.0</td>
<td>TTH</td>
<td>06:00PM-09:05PM</td>
<td>TTH</td>
<td>B.Ayers</td>
<td>Jan 25-Mar 19</td>
<td></td>
</tr>
<tr>
<td>WWTR-117</td>
<td>Advanced Water Treatment</td>
<td>3.0</td>
<td>TTH</td>
<td>06:00PM-09:05PM</td>
<td>TTH</td>
<td>C.Palechek</td>
<td>Jan 25-Mar 19</td>
<td></td>
</tr>
<tr>
<td>WWTR-120</td>
<td>Adv Plant Ops Wastewater</td>
<td>3.0</td>
<td>MW</td>
<td>06:00PM-09:05PM</td>
<td>MW</td>
<td>P.Porras</td>
<td>Mar 28-May 21</td>
<td></td>
</tr>
<tr>
<td>WWTR-130</td>
<td>Water Distribution Systems</td>
<td>3.0</td>
<td>TTH</td>
<td>06:00PM-09:05PM</td>
<td>TTH</td>
<td>H.Nino</td>
<td>Mar 28-May 21</td>
<td></td>
</tr>
<tr>
<td>WWTR-268</td>
<td>Intro-Membrane Plant Operation</td>
<td>3.0</td>
<td>TTH</td>
<td>06:00PM-09:05PM</td>
<td>TTH</td>
<td>S.McClelland</td>
<td>Mar 28-May 21</td>
<td></td>
</tr>
<tr>
<td>WWTR-280</td>
<td>Backflow Tester Training</td>
<td>2.0</td>
<td>MW</td>
<td>06:00PM-09:05PM</td>
<td>MW</td>
<td>T.Deeds</td>
<td>Mar 28-May 21</td>
<td></td>
</tr>
<tr>
<td>WWTR-284</td>
<td>Cross Connect:Recycled Water</td>
<td>3.0</td>
<td>MW</td>
<td>06:00PM-09:05PM</td>
<td>MW</td>
<td>T.Deeds</td>
<td>Mar 28-May 21</td>
<td></td>
</tr>
<tr>
<td>WWTR-290</td>
<td>Cooperative Work Experience</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>D.Jones</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

+ Satisfies Cal. State University General Education
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)
S Denotes short-term class