

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

## CUYAMACA COLLEGE

### Fall 2018 Course Offerings

As of August 23, 2018

#### ANTHROPOLOGY

- +# ANTH-120 Cultural Anthropology 3.0**  
Methods and theories of anthropology; cultural variations and similarities.  
2347 09:30AM-10:45AM TTH F-513 B.Nugent
- +# ANTH-130 Intro to Physical Anthropology 3.0**  
2352 08:00AM-09:20AM MW F-513 B.Nugent  
3124 11:00AM-12:15PM TTH F-513 B.Nugent

#### ARAMAIC

- +# ARAM-220 Aramaic III 5.0**  
Prerequisite: "C" grade or higher or "Pass" in ARAM 121 or equivalent  
2358 09:30AM-11:45AM TTH F-514 M.Bazzi

#### ARABIC

- +# ARBC-120 Arabic I 5.0**  
2373 09:30AM-11:45AM TTH F-518 J.Gazale  
2372 09:30AM-11:50AM MW F-518 J.Gazale  
2371 12:30PM-02:45PM TTH F-518 H.Boles  
2365 03:30PM-05:45PM TTH F-506 G.Sako  
2370 06:00PM-08:20PM MW F-518 G.Sako
- +# 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.  
2408 09:30AM-11:45AM TTH F-411 G.Zakaria  
2386 09:30AM-11:50AM MW F-514 A.Sheai  
2385 12:30PM-02:50PM MW F-518 J.Gazale  
2395 03:30PM-05:45PM TTH F-518 J.Gazale  
2410 06:00PM-08:20PM MW F-506 H.Alkassas
- +# ARBC-122 Arabic for Native Speakers I 5.0**  
0678 12:30PM-02:45PM TTH F-411 G.Zakaria  
0679 06:00PM-08:20PM MW F-512 G.Al Saadi
- +# ARBC-123 Arabic for Native Speakers II 5.0**  
Prerequisite: "C" grade or higher or Pass in Arabic 122 or equivalent.  
2426 06:00PM-08:15PM TTH F-405 H.Alkassas
- +# ARBC-145 Arabic Civilizations 3.0**  
1508 09:00AM-12:05PM F F-508 A.Al Shawi  
This section is designed for advanced Arabic speakers.  
2173 09:00AM-12:05PM F F-513 R.Aoneh  
2430 03:00PM-05:50PM T F-502 A.Kana  
This section is designed for advanced Arabic speakers.  
9075 06:00PM-08:50PM W F-513 A.Kana  
This section is designed for advanced Arabic speakers.
- +# 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.  
2401 12:30PM-02:50PM MW F-514 A.Sheai  
2397 03:30PM-05:45PM TTH F-411 N.Aldulaimi
- +# 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.  
2402 06:00PM-08:20PM MW F-411 N.Aldulaimi

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

**+# ARBC-250 Conversational Arabic I 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in ARBC 121 or 122 or 123 or 220 or 221 or three years of high school Arabic or equivalent.  
 1507 09:00AM-12:05PM F F-518 R.Al-Azzeh

**+# 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.  
 2404 08:30AM-11:35AM F F-411 N.Ireiqat  
 4116 08:30AM-11:35AM F F-506 STAFF

**+# ARBC-254 Conversational Iraqi Dialect 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in ARBC 121 or 122 or 123 or 220 or 221 or three years of high school Arabic or equivalent.  
 2431 06:00PM-08:50PM T F-513 A.Kana  
 4118 06:00PM-08:50PM T F-518 G.Al Saadi

**ART**

**+# ART-100 Art Appreciation 3.0**  
 Learn how art influences your life.  
 0973 TBA WEB-WEB X.Eggleton  
 Online course, 52.5 total instructional hours. Contact xuchi.eggleton@gcccd.edu for details.  
 1268 TBA WEB-WEB J.Abel  
 Online course; 52.5 total instructional hours. Contact lisa.karmel@gcccd.edu  
 8149 TBA WEB-WEB O.Montano  
 Online course, 52.5 total instructional hours. Contact omar.montano@gcccd.edu for details.  
 2492 TBA WEB-WEB J.Abel  
 Online course, 52.5 total instructional hours. Contact lisa.karmel@gcccd.edu for details.  
 1987 08:00AM-09:15AM TTH E-223 S.Schlichtenmyer  
 4662 02:00PM-03:20PM MW E-225 L.Karmel

**+# ART-120 Two-Dimensional Design 3.0**  
 Learn how to make aesthetic decisions and choose colors. Art supplies must be supplied by student.  
 2490 09:30AM-10:35AM M B-363 O.Montano  
 10:45AM-12:35PM M B-363  
 09:30AM-10:20AM W B-363  
 10:30AM-12:20PM W B-363  
 2491 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 provided by student.  
 Prerequisite: "C" grade or higher or "Pass" in ART 120 or ART 124 or equivalent.  
 2493 01:00PM-01:50PM TTH B-371 E.Whitman  
 02:00PM-03:50PM TTH B-371

**# ART-124 Drawing I 3.0**  
 Develop your right and left brain using drawing skills. Art supplies must be provided by student.  
 2498 09:00AM-12:50PM F B-373 M.Ford  
 01:20PM-03:25PM F B-376  
 2499 09:30AM-10:20AM TTH B-376 M.Ramos  
 10:30AM-12:20PM TTH B-376  
 2497 01:00PM-02:05PM M B-376 S.Schlichtenmyer  
 02:15PM-04:05PM M B-376  
 01:00PM-01:50PM W B-376  
 02:00PM-03:50PM W B-376

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

#	<b>ART-129 Three-Dimensional Design</b>	<b>3.0</b>		
	\$25 materials fee due at registration.			
	8168	09:00AM-11:05AM	F	B-363 X.Eggleton
		11:35AM-03:25PM	F	B-363
	<b>ART-135 Watercolor I</b>	<b>3.0</b>		
	5464	09:30AM-10:35AM	M	B-373 M.Ramos
		10:45AM-12:35PM	M	B-376
		09:30AM-10:20AM	W	B-373
		10:30AM-12:20PM	W	B-376
+ #	<b>ART-140 Hist West Art I: Pre-1250 Ad</b>	<b>.0</b>		
	Study of art forms from cave paintings to the early Renaissance.			
	2500	06:00PM-08:50PM	T	B-365 J.Eggleton
+ #	<b>ART-141 Hist West Art II 1250 Ad-Pres</b>	<b>3.0</b>		
	2501	TBA	WEB-WEB	J.Abel
	Online course, 52.5 total instructional hours. Contact john.abel@gcccd.edu for details.			
+ #	<b>ART-143 Modern Art</b>	<b>3.0</b>		
	Historical survey of late 19th and 20th century art of Europe and America.			
	7449	TBA	WEB-WEB	E.Whitman
	Online course; 52.5 total instructional hours. Contact erin.whitman@gcccd.edu for details.			
	<b>ART-177 Digital Drawing and Painting</b>	<b>3.0</b>		
	\$15 Supplies and materials fee for art projects due at registration.			
	2825	05:30PM-08:35PM	W	E-224 C.Lewallen
	Additional 2 hour and 45 minutes instructional time/week via Internet.			
	<b>ART-220 Painting II</b>	<b>3.0</b>		
	Learn painting techniques in oils or acrylics. Art supplies must be provided by student.			
	Prerequisite: "C" grade or higher or "Pass" in ART 121 or equivalent.			
	2494	01:00PM-01:50PM	TTH	B-371 E.Whitman
		02:00PM-03:50PM	TTH	B-371
	<b>ART-221 Painting III</b>	<b>3.0</b>		
	Developing a "personal statement." Art supplies must be provided by student.			
	Prerequisite: "C" grade or higher or "Pass" in ART 220 or equivalent.			
	2495	01:00PM-01:50PM	TTH	B-371 E.Whitman
		02:00PM-03:50PM	TTH	B-371
	<b>ART-222 Painting IV</b>	<b>3.0</b>		
	Art supplies must be provided by student.			
	Prerequisite: "C" grade or higher or "Pass" in ART 221 or equivalent.			
	2496	01:00PM-01:50PM	TTH	B-371 E.Whitman
		02:00PM-03:50PM	TTH	B-371
	<b>ART-230 Figure Drawing I</b>	<b>3.0</b>		
	Develop expressive drawing techniques with regard to the human form. Art supplies must be provided by student.			
	Prerequisite: "C" grade or higher or "Pass" in ART 124 or equivalent.			
	2503	09:30AM-10:20AM	TTH	B-368 J.Eggleton
		10:30AM-12:20PM	TTH	B-368

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

**ART-231 Figure Drawing II 3.0**  
 Develop expressive drawing techniques with regard to the human form. Art supplies must be provided by student.  
 Prerequisite: "C" grade or higher or "Pass" in ART 230 or equivalent.  
 2505 09:30AM-10:20AM TTH B-368 J.Eggleton  
 10:30AM-12:20PM TTH B-368

**ART-232 Figure Drawing III 3.0**  
 Incorporate advanced compositional devices and start developing a "theme." Art supplies must be provided by student.  
 Prerequisite: "C" grade or higher or "Pass" in ART 231 or equivalent.  
 5807 09:30AM-10:20AM TTH B-368 J.Eggleton  
 10:30AM-12:20PM TTH B-368

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

**ART-235 Watercolor II 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in ART 135 or equivalent.  
 5465 09:30AM-10:35AM M B-373 M.Ramos  
 10:45AM-12:35PM M B-376  
 09:30AM-10:20AM W B-373  
 10:30AM-12:20PM W B-376

**ART-236 Watercolor III 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in ART 235 or equivalent.  
 5806 09:30AM-10:35AM M B-373 M.Ramos  
 10:45AM-12:35PM M B-376  
 09:30AM-10:20AM W B-373  
 10:30AM-12:20PM W B-376

**ART-241 Illustration I 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in ART 124 or equivalent  
 9085 01:00PM-02:05PM M B-363 M.Ramos  
 02:15PM-04:05PM M B-363  
 01:00PM-01:50PM W B-363  
 02:00PM-03:50PM W B-363

**ART-242 Illustration II 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in ART 241 or equivalent  
 0652 01:00PM-02:05PM M B-363 M.Ramos  
 02:15PM-04:05PM M B-363  
 01:00PM-01:50PM W B-363  
 02:00PM-03:50PM W B-363

## AMERICAN SIGN LANGUAGE

**+# ASL-120 American Sign Language I 4.0**  
 3636 TBA WEB-WEB D.Yanke  
 Online course; 70 total instructional hours. For more information, contact the instructor at [dorian.yanke@gcccd.edu](mailto:dorian.yanke@gcccd.edu)  
 3637 TBA WEB-WEB D.Yanke  
 Online course; 70 total instructional hours. For more information, contact the instructor at [dorian.yanke@gcccd.edu](mailto:dorian.yanke@gcccd.edu)  
 2523 09:30AM-11:20AM TTH B-164 D.Yanke  
 2513 09:30AM-11:35AM M B-164 M.Marks  
 09:30AM-11:20AM W B-164

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

(ASL-120 continued)

S 4152 01:00PM-03:05PM TTH SCHS-SCHS J.Smith Aug 20-Dec 08  
 Meets at Steele Canyon High School, 12440 Campo Road, Spring Valley, CA, room TBA. No meetings 11/19 to 11/23 (Thanksgiving Break). Contact instructor for enrollment information.  
 2516 02:30PM-04:20PM TTH B-164 B.Cohen  
 2519 06:00PM-08:05PM M B-164 J.Oloughlin  
 06:00PM-07:50PM W B-164

**+# ASL-121 American Sign Language II 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in ASL 120 or equivalent.  
 2525 05:30PM-07:35PM M B-162 D.Yanke  
 05:30PM-07:20PM W B-162

**+# ASL-220 American Sign Language III 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in ASL 121 or equivalent.  
 9697 12:30PM-02:20PM TTH B-162 B.Cohen

**ASTRONOMY**

**+# ASTR-110 Descriptive Astronomy 3.0**  
 2075 09:30AM-10:50AM MW F-402 S.Rao Sudhakar  
 2076 05:30PM-06:50PM MW F-402 C.Gabler

**+# ASTR-112 General Astronomy Laboratory 1.0**  
 Prerequisite: "C" grade or higher or "Pass" in ASTR 110 or equivalent or concurrent enrollment.  
 9698 07:00PM-09:50PM W F-402 C.Gabler

**AUTOMOTIVE TECHNOLOGY**

**AUTO-099 Intro to Auto Technology 3.0**  
 Great course for every driver. Learn about your car or begin your Auto major. Students must purchase and build a car model.  
 1423 06:00PM-08:50PM T K-122 R.Gingery  
 0995 TBA WEB-WEB A.Letourneaux  
 Online course; 52.5 total instructional hours.

**AUTO-100 Intro to Auto Technology Lab 1.0**  
 Hands-on introductory lab course; learn the basics of auto service.  
 0997 09:00AM-12:05PM F K-104 W.Ottinger  
 6345 06:00PM-09:05PM TH K-121 J.Pinnell

**AUTO-120 Engine Performance I 5.0**  
 Includes engine mechanical and ignition systems including modern coil-on-plug systems.  
 Prerequisite: "C" grade or higher or "Pass" in AUTO 099 or 100 or equivalent or concurrent enrollment.  
 2077 08:00AM-09:15AM TTH K-121 W.Ottinger  
 09:25AM-12:15PM TTH K-121

**AUTO-122 Automotive Electrical Systems 5.0**  
 1697 05:30PM-06:50PM MW K-101 J.Hurt  
 07:00PM-10:10PM M K-101  
 07:00PM-09:50PM W K-101

**AUTO-123 Engine Performance II 5.0**  
 Includes computerized engine control and fuel injection systems.  
 Recommended Preparation: "C" grade or higher or "Pass" in AUTO 120 or equivalent, AUTO 122 or equivalent, AUTO 127 or equivalent.  
 3065 06:00PM-07:15PM TTH K-104 J.Crocker  
 07:25PM-10:15PM TTH K-104

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

**AUTO-127 Adv Auto Electrical Systems 5.0**

Prerequisite: "C" grade or higher or "Pass" in AUTO 122 or equivalent

9295	05:30PM-06:50PM	MW	K-101	J.Hurt
	07:00PM-10:10PM	M	K-101	
	07:00PM-09:50PM	W	K-101	

**AUTO-129 Hybrid, Electric, Alt Fuels 5.0**

2244	08:00AM-11:05AM	S	K-104	J.Pinnell
	11:35AM-05:45PM	S	K-104	

Saturday morning and afternoon are one class meeting.

**AUTO-130 Auto Brakes and Brake License 5.0**

Automotive/light truck braking systems, drum/disc brakes and machining (off and on car), anti-lock brakes, hydraulic systems, valves, switches.

1002	08:00AM-09:20AM	MW	K-104	W.Ottinger
	09:30AM-12:40PM	M	K-104	
	09:30AM-12:20PM	W	K-104	

**AUTO-135 Advanced Brakes 5.0**

Prerequisite: "C" grade or higher or "Pass" in AUTO 130 or equivalent.

9296	08:00AM-09:20AM	MW	K-104	W.Ottinger
	09:30AM-12:40PM	M	K-104	
	09:30AM-12:20PM	W	K-104	

**AUTO-140 Four Wheel Alignment 5.0**

Automotive/light truck four-wheel alignment, tire servicing using state of the art equipment. Steering gears, suspension repair, power steering and more.

1004	06:00PM-07:20PM	MW	K-121	J.Dandash
	07:30PM-10:40PM	M	K-121	
	07:30PM-10:20PM	W	K-121	

**AUTO-145 Advanced Four Wheel Alignment 5.0**

Prerequisite: "C" grade or higher or "Pass" in AUTO 140 or equivalent.

9297	06:00PM-07:20PM	MW	K-121	J.Dandash
	07:30PM-10:40PM	M	K-121	
	07:30PM-10:20PM	W	K-121	

**AUTO-170 Engine Overhaul 5.0**

Learn how to disassemble, clean, measure and correctly reassemble a modern automotive engine.

2764	08:00AM-11:05AM	S	K-121	C.Kingsbury
	11:35AM-05:45PM	S	K-121	

**AUTO-175 Advanced Engine Overhaul 5.0**

Prerequisite: "C" grade or higher or "Pass" in AUTO 170 or equivalent.

2245	08:00AM-11:05AM	S	K-121	C.Kingsbury
	11:35AM-05:45PM	S	K-121	

Saturday morning and afternoon are one class meeting.

**AUTO-182 Automotive Work Experience**

1009	TBA			R.Gingery
1 unit=75 hours paid/60 hours unpaid work experience.				
1010	TBA			R.Gingery
2 units=150 hours paid/120 hours unpaid work experience.				
1011	TBA			R.Gingery
3 units=225 hours paid/180 hours unpaid work experience.				

**AUTO-192 ASSET-Drive Train 8.0**

Extensive Ford-specific training in automatic and manual transmissions, four-wheel drive transfer cases and differentials. Open to all students wishing to expand their knowledge of drive trains.

S	2252	12:00PM-02:15PM	MTWTHF	K-114	B.McCombs	Aug 20-Oct 13
		02:45PM-05:50PM	MTWTHF	K-114		

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

**AUTO-192A ASSET-Automatic Trans Service 2.0**

Recommended Preparation: "C" grade or higher or "Pass" in AUTO 122 Electrical or AUTO 196A Ford ASSET Electrical, or AUTO 196B Ford ASSET "TEST OUT" or equivalent.

S 3723 TBA WEB-WEB B.McCombs Aug 20-Oct 13  
 Online course; 35 total instructional hours. Lecture portion of the course is synchronous with AUTO 192 #2252. Student must attend section online during the lecture part of the class as indicated in the course syllabus. The remainder of the online class times is Internet 100% Days To Be Announced.

**AUTO-192B ASSET Trans Diag & Serv Test 0.5**

Recommended Preparation: "C" grade or higher or "Pass" in AUTO 122 Electrical or AUTO 196A Ford ASSET Electrical, or AUTO 196B Ford ASSET "TEST OUT" or equivalent.

S 3738 TBA WEB-WEB B.McCombs Aug 20-Oct 13  
 Online course; 26.25 total instructional hours. Lecture portion of the course is synchronous with AUTO 192 #2252. Student must attend section online during the lecture part of the class as indicated in the course syllabus. The remainder of the online class times is Internet 100% Days To Be Announced.

**AUTO-192C ASSET-Automatic Trans Diag 2.0**

Recommended Preparation: "C" grade or higher or "Pass" in AUTO 122 Electrical or AUTO 196A Ford ASSET Electrical, or AUTO 196B Ford ASSET "TEST OUT" or equivalent

S 3725 TBA WEB-WEB B.McCombs Aug 20-Oct 13  
 Online course; 35 total instructional hours. Lecture portion of the course is synchronous with AUTO 192 #2252. Student must attend section online during the lecture part of the class as indicated in the course syllabus. The remainder of the online class times is Internet 100% Days To Be Announced.

**AUTO-192D ASSET-Diff & 4WD Diagnosis 1.0**

Recommended Preparation: "C" grade or higher or "Pass" in AUTO 122 Electrical or AUTO 196A Ford ASSET Electrical, or AUTO 196B Ford ASSET "TEST OUT" or equivalent.

S 3726 TBA WEB-WEB B.McCombs Aug 20-Oct 13  
 Online course; 17.5 total instructional hours. Lecture portion of the course is synchronous with AUTO 192 #2252. Student must attend section online during the lecture part of the class as indicated in the course syllabus. The remainder of the online class times is Internet 100% Days To Be Announced.

**AUTO-197 ASSET-Work Experience 3.0**

75 hours paid work experience per unit.  
 Prerequisite: Admission to the ASSET program.

S 8660 TBA B.McCombs Oct 15-Dec 08  
 3 units=225 hours paid work experience.

**BIOLOGICAL SCIENCES**

**+# BIO-122 The Secret Life of Plants 4.0**  
 5488 01:30PM-04:40PM M H-222 M.Garcia  
 01:30PM-04:20PM W H-222

**+# BIO-130 General Biology I 3.0**  
 The characteristics shared by all life forms.  
 7598 08:00AM-09:15AM TTH F-505 J.Redfern

 \*ZTC\* Zero Textbook Cost section: This course does not require purchase of a textbook and may use free Open Educational Resources (OER) or free textbook alternatives.  
 1225 09:00AM-12:05PM S H-139 R.Jimenez

 \*ZTC\* Zero Textbook Cost section: This course does not require purchase of a textbook and may use free Open Educational Resources (OER) or free textbook alternatives.

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

(BIO-130 continued)

	1035	09:30AM-10:45AM	TTH	F-505	C.Burnett
	*ZTC* Zero Textbook Cost section: This course does not require purchase of a textbook and may use free Open Educational Resources (OER) or free textbook alternatives.				
	1032	09:30AM-10:50AM	MW	F-505	H.Valtierra
	*ZTC* Zero Textbook Cost section: This course does not require purchase of a textbook and may use free Open Educational Resources (OER) or free textbook alternatives.				
	1017	11:00AM-12:15PM	TTH	F-505	A.Zuniga
	*ZTC* Zero Textbook Cost section: This course does not require purchase of a textbook and may use free Open Educational Resources (OER) or free textbook alternatives.				
	1030	11:00AM-12:20PM	MW	F-505	C.Schalmo
	*ZTC* Zero Textbook Cost section: This course does not require purchase of a textbook and may use free Open Educational Resources (OER) or free textbook alternatives.				
	4584	12:30PM-01:45PM	TTH	F-505	C.Schalmo
	*ZTC* Zero Textbook Cost section: This course does not require purchase of a textbook and may use free Open Educational Resources (OER) or free textbook alternatives.				
	5486	12:30PM-01:50PM	MW	F-505	C.Schalmo
	*ZTC* Zero Textbook Cost section: This course does not require purchase of a textbook and may use free Open Educational Resources (OER) or free textbook alternatives.				
	0691	02:00PM-03:15PM	TTH	F-505	N.Sibayan
	*ZTC* Zero Textbook Cost section: This course does not require purchase of a textbook and may use free Open Educational Resources (OER) or free textbook alternatives.				
	1036	05:30PM-06:45PM	TTH	F-608	S.Attele
	*ZTC* Zero Textbook Cost section: This course does not require purchase of a textbook and may use free Open Educational Resources (OER) or free textbook alternatives.				

**+# BIO-131 General Biology I Laboratory 1.0**

Experiments on the characteristics shared by all life forms.  
Prerequisite: "C" grade or higher or "Pass" in BIO 130 or equivalent or concurrent enrollment.

	2240	09:00AM-12:05PM	F	H-221	R.Jimenez
	7599	11:00AM-01:50PM	T	H-221	J.Redfern
	1038	11:00AM-01:50PM	W	H-221	H.Valtierra
	5487	11:00AM-02:05PM	TH	H-221	J.Redfern
	1040	02:00PM-05:10PM	M	H-221	C.Winston
	4589	02:30PM-05:20PM	T	H-221	L.Alberti
	1043	02:30PM-05:20PM	W	H-221	S.Webb
	4588	07:00PM-09:50PM	T	H-221	S.Attele
	1042	07:00PM-10:05PM	TH	H-221	S.Attele

**+# BIO-140 Human Anatomy 5.0**

Prerequisite: "C" grade or higher or "Pass" in BIO 130, 131 or equivalent.

	9380	06:30AM-07:20AM	MW	H-222	F.Bouton
		07:30AM-08:55AM	MW	H-222	
		07:00AM-07:50AM	F	H-207	
		08:00AM-10:50AM	F	H-207	
	9702	08:00AM-09:15AM	TTH	H-207	F.Bouton
		09:25AM-12:15PM	TTH	H-207	
	9701	08:00AM-09:20AM	MW	H-207	G.Brulte
		09:30AM-12:40PM	M	H-207	
		09:30AM-12:20PM	W	H-207	
	2238	01:00PM-02:15PM	TTH	H-207	K.Aylward
		02:25PM-05:15PM	TTH	H-207	
	9699	01:00PM-02:20PM	MW	H-207	C.Marra
		02:30PM-05:40PM	M	H-207	
		02:30PM-05:20PM	W	H-207	
	9700	05:30PM-06:45PM	TTH	H-207	B.Richardson
		06:55PM-09:45PM	TTH	H-207	

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

(BIO-140 continued)

	7600	05:30PM-06:50PM	M	H-222	L.Alberti
		07:00PM-10:10PM	M	H-207	
		05:30PM-06:50PM	W	H-207	
		07:00PM-09:50PM	W	H-207	
<b>+ #</b>	<b>BIO-141 Human Physiology</b>			<b>3.0</b>	
	Prerequisite: "C" grade or higher or "Pass" in BIO 130, 131 or equivalent.				
	9704	12:30PM-01:45PM	TTH	F-408	C.Marra
<b>+ #</b>	<b>BIO-141L Lab in Human Physiology</b>			<b>1.0</b>	
	Prerequisite: "C" grade or higher or "Pass" in BIO 130, 131 or equivalent, BIO 141 or equivalent or concurrent enrollment.				
	9705	02:00PM-05:05PM	TH	H-222	F.Bouton
<b>+ #</b>	<b>BIO-152 Paramedical Microbiology</b>			<b>5.0</b>	
	Prerequisite: "C" grade or higher or "Pass" in BIO 130, 131 or equivalent.				
	Recommended Preparation: "C" grade or higher or "Pass" in CHEM 115 or equivalent.				
	9706	08:00AM-09:15AM	TTH	H-221	C.Tindle
		09:25AM-12:15PM	TTH	H-206	
	9707	05:00PM-06:15PM	TTH	F-702	G.Hernandez
		06:25PM-09:15PM	TTH	H-206	
<b>+ #</b>	<b>BIO-230 Cellular/Molecular/Evolu Bio</b>			<b>4.0</b>	
	Prerequisite: "C" grade or higher or "Pass" in CHEM 141 or equivalent.				
	8081	03:00PM-05:05PM	M	H-138	K.Nette
		02:00PM-02:50PM	W	F-702	
		03:00PM-05:50PM	W	H-206	
<b>+ #</b>	<b>BIO-240 Ecology/Evol/Organismal Bio</b>			<b>5.0</b>	
	Prerequisite: "C" grade or higher or "Pass" in MATH 110 or equivalent.				
	Recommended Preparation: "C" grade or higher or "Pass" in ENGL 109 or equivalent.				
	8080	09:30AM-11:20AM	TTH	H-222	M.Garcia
		11:30AM-12:45PM	TTH	H-222	
	9668	09:30AM-11:35AM	M	H-222	C.Burnett
		11:45AM-01:05PM	M	H-222	
		09:30AM-11:20AM	W	H-222	
		11:30AM-12:50PM	W	H-222	

## BUSINESS OFFICE TECHNOLOGY

### **BOT-100 Basic Keyboarding 1.0**

Recommended Preparation: "C" grade or higher or "Pass" in ENGL 098R or ESL 103R or equivalent reading level.

2221 09:30AM-11:05AM F E-120 H.Ikzir  
Additional 1 hour 15 minutes instructional time/week via Internet.

2216 12:00PM-01:35PM F E-120 H.Ikzir  
Additional 1 hour 15 minutes instructional time/week via Internet.

### **BOT-101A Keyboard/Document Processing I 1.5**

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

Recommended Preparation: "C" grade or higher or "Pass" in ENGL 098R or ESL 103R or equivalent reading level.

S 9368 TBA WEB-WEB H.Ikzir

Aug 20-Oct 13

Online course; 26.25 total instructional hours.

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

<b>BOT-101B Keyboard/Document Process II 1.5</b>					
Prerequisite: "C" grade or higher or "Pass" in BOT 101A or equivalent.					
Recommended Preparation: "C" grade or higher or "Pass" in ENGL 098R or ESL 103R or equivalent reading level.					
S	9374	TBA	WEB-WEB	H.Ikzir	Oct 15-Dec 08
Online course; 26.25 total instructional hours.					
<b>BOT-103A Bldg Keyboarding Skill I 0.5</b>					
Recommended Preparation: "C" grade or higher or "Pass" in BOT 100 or equivalent.					
S	2288	TBA	WEB-WEB	P.Newman	Aug 20-Oct 13
Online course; 26.25 total instructional hours.					
<b>BOT-103B Bldg Keyboarding Skill II 0.5</b>					
Recommended Preparation: "C" grade or higher or "Pass" in BOT 103A or equivalent.					
S	2289	TBA	WEB-WEB	P.Newman	Oct 15-Dec 08
Online course; 26.25 total instructional hours.					
<b>BOT-103C Bldg Keyboarding Skill III 0.5</b>					
Recommended Preparation: "C" grade or higher or "Pass" in BOT 103B or equivalent.					
S	2290	TBA	WEB-WEB	P.Newman	Oct 15-Dec 08
Online course; 26.25 total instructional hours.					
<b>BOT-114 Essential Word 1.0</b>					
Recommended Preparation: "C" grade or higher or "Pass" in BOT 096, 097, 101AB or equivalent, ENGL 098R or ESL 103R or equivalent reading level.					
S	2291	TBA	WEB-WEB	D.Woods	Aug 20-Oct 13
Online course; 35 total instructional hours.					
<b>BOT-116 Essential Access 1.0</b>					
Recommended Preparation: "C" grade or higher or "Pass" in BOT 096, 097, 100 or equivalent, ENGL 098R or ESL 103R or equivalent reading level.					
S	2292	TBA	WEB-WEB	D.Woods	Oct 15-Dec 08
Online course; 35 total instructional hours.					
<b>BOT-119 Windows-The Information Worker 2.0</b>					
Recommended Preparation: "C" grade or higher or "Pass" in BOT 100 or equivalent, BOT 096 or equivalent or concurrent enrollment, ENGL 098R, ESL 103R or equivalent reading Level.					
S	2293	TBA	WEB-WEB	A.Zuckerman	Sep 10-Dec 08
Online course; 35 total instructional hours.					
<b>BOT-120 Comprehensive Word I 1.0</b>					
Recommended Preparation: "C" grade or higher or "Pass" in BOT 096, 097, 101AB or equivalent, ENGL 098R or ESL 103R or equivalent reading level.					
S	2228	TBA	WEB-WEB	P.Newman	Aug 20-Sep 29
Online course; 35 total instructional hours.					
<b>BOT-121 Comprehensive Word II 1.0</b>					
Recommended Preparation: "C" grade or higher or "Pass" in BOT 120 or equivalent.					
S	2232	TBA	WEB-WEB	P.Newman	Oct 01-Nov 03
Online course; 35 total instructional hours.					
<b>BOT-122 Comprehensive Word III 1.0</b>					
Prerequisite: "C" grade or higher or "Pass" in BOT 121 or equivalent.					
S	9812	TBA	WEB-WEB	P.Newman	Nov 05-Dec 08
Online course; 35 total instructional hours.					
<b>BOT-123 Comprehensive Excel I 1.0</b>					
Recommended Preparation: "C" grade or higher or "Pass" in BOT 096, 097, 100 or equivalent.					
S	2274	TBA	WEB-WEB	K.Parkman	Aug 20-Sep 29
Online course; 35 total instructional hours.					

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

	<b>BOT-124 Comprehensive Excel II</b>	<b>1.0</b>			
	Recommended Preparation: "C" grade or higher or "Pass" in BOT 123 or equivalent.				
S	2275	TBA	WEB-WEB	K.Parkman	Oct 01-Nov 03
	Online course; 35 total instructional hours.				
	<b>BOT-125 Comprehensive Excel III</b>	<b>1.0</b>			
	Prerequisite: "C" grade or higher or "Pass" in BOT 124 or equivalent.				
S	9411	TBA	WEB-WEB	K.Parkman	Nov 05-Dec 08
	Online course; 35 total instructional hours.				
	<b>BOT-129 Comprehensive Powerpoint I</b>	<b>1.0</b>			
	Recommended Preparation: "C" grade or higher or "Pass" in BOT 101AB, 114, 120 or equivalent, ENGL 098R or ESL 103R or equivalent reading level.				
S	2302	TBA	WEB-WEB	D.Woods	Aug 20-Oct 13
	Online course; 35 total instructional hours.				
	<b>BOT-130 Comprehensive Powerpoint II</b>	<b>1.0</b>			
	Recommended Preparation: "C" grade or higher or "Pass" in BOT 129 or equivalent.				
S	3248	TBA	WEB-WEB	D.Woods	Oct 15-Dec 08
	Online course; 35 total instructional hours.				
	<b>BOT-174 Computer Concepts and App.</b>	<b>3.0</b>			
	2313	11:00AM-12:35PM	W	E-120	K.Parkman
	Additional 1 hour 15 minutes instructional time/week via Internet.				
	<b>BOT-201 Adv Keyboarding/Doc Processing</b>	<b>3.0</b>			
	Prerequisite: "C" grade or higher or "Pass" in BOT 102AB or equivalent.				
	2309	TBA	WEB-WEB	P.Newman	
	Online course; 105 total instructional hours.				
	<b>BOT-224 Office Work Experience</b>	<b>2.0</b>			
	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.				
	9718	TBA		P.Newman	
	Required orientation: email pat.newman@gcccd.edu. Must be completed by 8/30.				
	2 units=150 hours paid/120 hours unpaid work experience.				
	<b>BOT-225 Office Work Experience</b>	<b>3.0</b>			
	Prerequisite: Limited to BOT majors who have completed at least 12 units in the major.				
	Recommended Preparation: Keyboarding and computer skills as well as training in a variety of office procedures as required by most worksites.				
	9719	TBA		P.Newman	
	Required orientation: email pat.newman@gcccd.edu. Must be completed by 8/30. 3 units=225 hours paid/180 hours unpaid work experience.				

## BUSINESS

	<b>BUS-110 Introduction to Business</b>	<b>3.0</b>			
	2464	TBA	WEB-WEB	D.Fitch	
	Online course; 52.5 total instructional hours.				
	2465	11:00AM-12:15PM	TTH	E-227	M.Aubry
	<b>BUS-111 Entrep: Starting a Business</b>	<b>3.0</b>			
	Starting or expanding a small business.				
	1155	06:00PM-08:50PM	W	E-227	D.Fitch
	This is part of certificates in Craft Industries and OH.				

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

<b>BUS-120 Financial Accounting 4.0</b>						
	1088	TBA	WEB-WEB		C.Obyrne	
	Online course; 70 total instructional hours. Working knowledge of Word, Excel REQUIRED. Email christopher.obyrne@gcccd.edu by 8/23.					
	1315	TBA	WEB-WEB		S.Spaulding	
	Online course, 70 total instructional hours. Working knowledge Of Word, Excel REQUIRED.					
	8035	TBA	WEB-WEB		C.Obyrne	
	Online course; 70 total instructional hours. Working knowledge of Word, Excel REQUIRED.					
	1074	11:00AM-12:50PM	TTH	E-223	R.Farris	
S	3240	06:00PM-10:10PM	T	E-223	C.Obyrne	Sep 10-Dec 08
<b>BUS-121 Managerial Accounting 4.0</b>						
	Prerequisite: "C" grade or higher or "Pass" in BUS 120 or equivalent.					
	1080	TBA	WEB-WEB		A.Taccone	
	Online course; 70 total instructional hours. Working knowledge of Word, Excel REQUIRED.					
	1078	01:20PM-03:20PM	TTH	E-223	R.Farris	
<b>BUS-122 Intermediate Accounting 4.0</b>						
	Prerequisite: "C" grade or higher or "Pass" in BUS 120 or equivalent.					
	9371	06:00PM-08:20PM	T	E-225	R.Pacco	
	Additional 1 hour 30 minutes instructional time/week via Internet.					
<b>BUS-125 Business Law 3.0</b>						
S	1082	TBA	WEB-WEB		M.Sessom	Aug 20-Oct 13
	Online course; 52.5 total instructional hours. Familiarity with Canvas required. Email mary.sessom@gcccd.edu by 8/19 with questions.					
S	1161	TBA	WEB-WEB		M.Sessom	Sep 10-Dec 08
	Online course; 52.5 total instructional hours. This course will be taught using Canvas. Email mary.sessom@gcccd.edu with questions.					
S	1081	TBA	WEB-WEB		M.Sessom	Oct 15-Dec 08
	Online course; 52.5 total instructional hours. Familiarity with Canvas required. Email mary.sessom@gcccd.edu by 10/10 with questions.					
S	3245	06:30PM-09:00PM	W	E-223	H.Rucker	Sep 04-Dec 08
	Additional 1 instructional hour/week via Internet.					
<b>BUS-128 Business Communication 3.0</b>						
	Prerequisite: "C" grade or higher or "Pass" in ENGL 109 or equivalent.					
S	0332	TBA	WEB-WEB		D.Fitch	Sep 17-Dec 08
	Students must make a presentation online or in person. Online course; 52.5 total instructional hours.					
	2467	TBA	WEB-WEB		M.Aubry	
	Online course; 52.5 total instructional hours. Students must make a presentation online or in person.					
	2468	TBA	WEB-WEB		M.Aubry	
	Online course; 52.5 total instructional hours. Students must make a presentation online or in person.					
	3246	TBA	WEB-WEB		J.Ducharme	
	Online course; 52.5 total instructional hours. Students must make a presentation online or in person.					
<b>BUS-129 Payroll Accounting &amp; Taxes 2.0</b>						
	Prerequisite: "C" grade or higher or "Pass" in BUS 120 or equivalent.					
	2469	TBA	WEB-WEB		T.Branton	
	Online course; 35 total instructional hours.					
<b>BUS-150 Individual Income Tax Acctg 3.0</b>						
	9372	06:00PM-08:50PM	W	E-225	C.Obyrne	

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

**BUS-155 Human Resources Management 3.0**  
 3237 TBA WEB-WEB J.Ducharme  
 Online course; 52.5 total instructional hours.

**BUS-161 Business Internship**  
 2471 TBA J.Ducharme  
 1 unit=75 hours paid/60 hours unpaid work experience. For enrollment information please contact Mary Sessom at mary.sessom@gcccd.edu or Pat Newman at pat.newman@gcccd.edu  
 2472 TBA J.Ducharme  
 2 units=150 hours paid/120 hours unpaid work experience. For enrollment information please contact Mary Sessom at mary.sessom@gcccd.edu or Pat Newman at pat.newman@gcccd.edu  
 2473 TBA J.Ducharme  
 3 units=225 hours paid/180 hours unpaid work experience. For enrollment information please contact Mary Sessom at mary.sessom@gcccd.edu or Pat Newman at pat.newman@gcccd.edu

**BUS-195 Principles of Money Mgmt. 3.0**  
 2470 TBA WEB-WEB J.Ducharme  
 Online course; 52.5 total instructional hours.

## CADD TECHNOLOGY

**CADD-115 Engineering Graphics 3.0**  
 Using AutoCAD 2018.  
 0989 04:00PM-04:50PM TTH F-601 C.Saghafi  
 05:00PM-06:50PM TTH F-601

**CADD-120 Intro to CAD and Design 3.0**  
 Corequisite: CADD 115 or previous enrollment.  
 Recommended Preparation: Working knowledge of basic computer operations and file administration.  
 5337 03:30PM-04:35PM M F-601 C.Saghafi  
 04:45PM-06:35PM M F-601  
 04:00PM-04:50PM W F-601  
 05:00PM-06:50PM W F-601  
 3225 07:00PM-07:50PM TTH F-601 F.Estrella  
 08:00PM-09:50PM TTH F-601

**CADD-125 3D Solid Modeling 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in CADD 115 or ENGR 100 or equivalent.  
 Recommended Preparation: Working knowledge of basic computer operations and file administration.  
 1203 07:00PM-08:05PM M F-601 C.Saghafi  
 08:15PM-10:05PM M F-601  
 07:00PM-07:50PM W F-601  
 08:00PM-09:50PM W F-601  
 Cross-listed as ENGR 125 #1235

**CADD-127 Survey Drafting Technology 3.0**  
 Using AutoCAD 2018.  
 Prerequisite: "C" grade or higher or "Pass" in CADD 120 or equivalent.  
 0780 08:00AM-09:50AM S F-601 G.Noethdurft  
 10:35AM-02:40PM S F-601

**CADD-200 Intro to CAD Landscape Design 3.0**  
 2203 12:00PM-02:50PM F F-601 K.Sumek  
 Additional 2 instructional hours/week via internet. Also listed as OH-200-2201

**CADD-201 Advanced CAD Landscape Design 3.0**  
 Using AutoCAD 2018.  
 Prerequisite: "C" grade or higher or "Pass" in CADD/OH 200 or equivalent.  
 1022 12:00PM-02:50PM F F-601 K.Sumek  
 Additional 2 instructional hours/week via internet. Also listed as OH-201-1021

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

## CHILD DEVELOPMENT

### CD-106 Practicum: Observation & Exp 1.0

Introductory practicum lab completed in the Child Development Center.

Corequisite: CD 123 or 125 or previous completion of either course with a "C" grade or higher or "Pass"

9720 TBA R-111 K.Zink

Email kristin.zink@gcccd.edu before 8/18 to arrange 52.5 total instructional hours. Mandatory class meeting Mon., 8/13, 5pm-7 in R-111. Students need to bring documentation of TB test and immunizations.

### CD-123 Programs-Curric Young Children 3.0

Corequisite: CD 106 or concurrent enrollment in a licensed child care program.

9558 08:00AM-09:15AM TTH R-111 M.Roberts

### CD-124 Infant & Toddler Development 3.0

2459 06:00PM-08:50PM W R-111 N.Hernandez

### +# CD-125 Child Growth and Development 3.0

S 2345 TBA WEB-WEB D.Blaha Oct 15-Dec 08

Online course; 52.5 instructional hours. Designed for East County Transitional Kindergarten cohort. Contact instructor for enrollment information.

2765 TBA WEB-WEB K.Kotowski

Online course; 52.5 total instructional hours. Email kathy.kotowski@gcccd.edu by 8/18 and complete the orientation by 8/23.

2770 TBA WEB-WEB L.Furry

Online course; 52.5 total instructional hours. Email laurie.furry@gcccd.edu by 8/18 and complete the orientation by 8/23.

2771 09:30AM-10:50AM MW R-111 K.Zink

2774 09:30AM-12:20PM T R-111 A.Hatfield

### CD-126 Art for Child Development 3.0

1135 01:00PM-04:05PM TH R-111 J.Allen

### CD-127 Science & Math for Child Dev 3.0

Recommended Preparation: "C" grade or higher or "Pass" in CD 125 or equivalent.

5139 11:00AM-12:20PM MW R-111 K.Zink

### CD-128 Music & Movement for Child Dev 3.0

9041 06:00PM-08:50PM T R-111 T.Hanna

### CD-129 Language & Literature for Cd 3.0

Recommended Preparation: "C" grade or higher or "Pass" in CD 125 or equivalent.

2461 09:30AM-12:35PM TH R-111 J.Allen

### CD-130 Curric: Design & Implement 3.0

Recommended Preparation: "C" grade or higher or "Pass" in CD 123, 125, 126, 127, 128, 129, 131 or equivalent.

2462 01:00PM-03:50PM T R-111 A.Hatfield

S 3635 04:00PM-07:05PM TTH TBA D.Blaha Aug 20-Oct 13

Designed for East County Transitional Kindergarten cohort. Meets at Cajon Valley Union School District, 750 E Main St, El Cajon, CA 92020 room TBA. Contact instructor for enrollment information.

### +# CD-131 Child, Family and Community 3.0

Recommended Preparation: "C" grade or higher or "Pass" in CD 123, 125 or equivalent.

0226 TBA WEB-WEB T.Boates

Online course; 52.5 total instructional hours. Email tammy.boates@gcccd.edu by 8/18 and complete the orientation by 8/23.

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

(CD-131 continued)

1361 TBA WEB-WEB T.Boates  
 Online course; 52.5 instructional hours. Email instructor tammy.boates@gcccd.edu by 8/18 and complete the orientation by 8/23.  
 1142 06:00PM-09:10PM M R-111 M.Soltero

**CD-132 Field Experience Seminar 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in CD 106, 123, 125, 126, 127, 128, 129, 131 and 130 or 143 or equivalent.  
 Corequisite: CD 133 or 170.  
 2602 06:00PM-08:50PM T CCDC-CCDC K.Zink

**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  
 2027 TBA K.Kotowski  
 2 units=150 hours paid/120 hours unpaid work experience.  
 Documentation of fingerprints, TB test, and immunizations are required for student teaching placement.

**CD-134 Health, Safety & Nutrition 3.0**  
 2340 TBA WEB-WEB N.Hernandez  
 Online course; 52.5 instructional hours. Email instructor nicole.hernandez@gcccd.edu by 8/18 and complete the orientation by 8/23.

**CD-137 Admin of Cd Programs I 3.0**  
 Recommended Preparation: "C" grade or higher or "Pass" in 12 CD units as required by Title 22 licensing regulations: CD 125, 131, and 6 units in program curriculum (CD 123 and 126 127 or 128 or 129 or 130).  
 3619 TBA WEB-WEB C.Stevens  
 Online course, 52.5 total instructional hours. Contact the instructor at castev@cox.net before 9/17 and complete online orientation by 9/24.

**CD-141 Work W/Children-Special Needs 3.0**  
 2463 04:00PM-05:20PM MW R-111 K.Zink

**CD-153 Teaching in a Diverse Society 3.0**  
 2028 TBA WEB-WEB L.Furry  
 Online course; 52.5 total instructional hours. Email laurie.furry@gcccd.edu by 8/18 and complete online orientation by 8/23.

**CD-170 Practicum: Infants & Toddlers 2.0**  
 Prerequisite: "C" grade or higher or "Pass" in CD 106, 123, 124, 125, 126, 127, 128, 129, and 143 or equivalent.  
 Corequisite: CD 132 or previous enrollment.  
 5529 TBA T.Hanna  
 2 units=150 hours paid/120 hours unpaid work experience.  
 Documentation of fingerprints, TB test, and immunizations are required for student teaching placement.

**CD-212 Practicum Early Childhood Ed 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in CD 123, 125, 130, and 131 or equivalent.  
 3564 06:00PM-07:50PM TH R-111 D.Ferrin  
 Contact instructor to arrange an additional 52.5 total instructional hours for Laboratory.

**CD-213 Observation and Assessment 3.0**  
 2342 09:30AM-12:35PM F R-111 D.Ferrin

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

## CHEMISTRY

### **CHEM-020 Strat For Success In Chem 120 1.0**

Pass/No Pass Only.

Corequisite: Concurrent enrollment in CHEM 120

1223 07:00AM-09:50AM T H-205 L.Le Blanc

Student must be concurrently enrolled in CHEM 120.

### **+# CHEM-102 Gen, Organic, Biological Chem 5.0**

Optional \$10 materials fee may be charged. Safety glasses be supplied by student.

Prerequisite: Grade of "Pass" in MATH 060 or MATH 090 or MATH 096 or equivalent.

9547	08:00AM-09:50AM	TTH	F-408	C.Soans
	08:00AM-10:50AM	F	H-202	
9548	12:00PM-01:50PM	TTH	F-614	R.Pedroza
	02:00PM-04:50PM	T	H-204	
9549	12:00PM-01:50PM	TTH	F-614	R.Pedroza
	02:00PM-04:50PM	TH	H-204	
9544	05:00PM-06:50PM	TTH	F-505	B.Byard
	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.

1123	08:00AM-09:20AM	MW	F-408	L.Le Blanc
	09:30AM-12:35PM	M	H-202	
5489	08:00AM-09:20AM	MW	F-408	L.Le Blanc
	09:30AM-12:20PM	W	H-202	
9254	11:30AM-12:50PM	MW	F-408	P.Loomis
	01:00PM-04:05PM	M	H-204	
1127	11:30AM-12:50PM	MW	F-408	P.Loomis
	01:00PM-03:50PM	W	H-204	
1124	05:30PM-06:45PM	TTH	F-620	S.Cripps
	06:55PM-09:45PM	T	H-202	

### **+# CHEM-141 General Chemistry I 5.0**

Chemistry 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 CHEM 120 or equivalent or the CHEM 141 assessment and "C" grade or higher or "Pass" in the MATH 110 or equivalent.

5768	10:00AM-11:15AM	TTH	F-702	R.Dutnal
	11:30AM-02:20PM	TTH	H-202	
7574	02:00PM-03:15PM	TTH	F-702	M.Chen
	03:30PM-06:20PM	TTH	H-202	
5769	05:30PM-06:50PM	MW	H-128	R.Dutnall
	07:00PM-10:10PM	M	H-202	
	07:00PM-09:50PM	W	H-202	

### **+ CHEM-142 General Chemistry II 5.0**

Chemistry 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 CHEM 141 or equivalent.

9396	12:30PM-01:50PM	MW	F-702	R.Anness
	02:00PM-05:10PM	M	H-202	
	02:00PM-04:50PM	W	H-202	

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

<b>+</b>	<b>CHEM-231 Organic Chemistry I</b>	<b>5.0</b>			
	Organic Chemistry for Science/Engineering Majors. Optional \$10 materials fee may be charged. Safety glasses be supplied by student. Prerequisite: "C" grade or higher or "Pass" in CHEM 142 or equivalent.				
	1122	09:00AM-10:15AM	TTH	F-621	R.Anness
		10:30AM-01:20PM	TH	H-204	
		09:00AM-11:50AM	F	H-204	
	0980	09:00AM-10:15AM	TTH	F-621	R.Anness
		10:30AM-01:20PM	T	H-204	
		01:00PM-03:50PM	F	H-204	

## COMPUTER & INFORMATION SCIENCE

<b>+</b>	<b>CIS-110 Principles Information Systems 4.0</b>				
	1737	TBA	WEB-WEB	J.Johnson	
	Online course; 105 total instructional hours. See Canvas for online orientation. Microsoft Office 2016 using Access, Excel. Articulates with MIS 180 at SDSU.				
<b>S</b>	2476	TBA	WEB-WEB	D.Raney	Aug 20-Nov 10
	Online course; 105 total instructional hours. See <a href="http://www.cuyamaca.edu/people/david-raney">www.cuyamaca.edu/people/david-raney</a> for orientation information. Microsoft Office 2016 using Access, Excel. Articulates with MIS 180 at SDSU.				
<b>S</b>	2481	TBA	WEB-WEB	E.Sands	Sep 04-Nov 21
	Online course; 105 total instructional hours. See <a href="http://www.cuyamaca.edu/people/edward-sands/">http://www.cuyamaca.edu/people/edward-sands/</a> for orientation information. Microsoft Office 2016 using Access, Excel. Articulates with MIS 180 at SDSU.				
	2485	TBA	WEB-WEB	R.Mitchell	
	Online course; 105 total instructional hours. See Canvas for online orientation, Microsoft Office 2016 using Access, Excel. Articulates with MIS 180 at SDSU.				
	3061	09:00AM-12:30PM	W	E-212	R.Mitchell
	Additional 2 hours 20 minutes instructional time/week via Internet. Microsoft Office 2016 using Access, Excel. Articulates with MIS 180 at SDSU.				
	4694	06:00PM-09:50PM	TH	E-204	A.Zuckerman
	Additional 2 hours 5 minutes instructional time/week via Internet. Microsoft Office 2013 using Access, Excel. Articulates with MIS 180 at SDSU.				

### CIS-120 Comp Maint & A+ Certification 3.0

Recommended Preparation: Basic computer skills (basic knowledge of hardware, operating systems, applications software).

<b>S</b>	2486	09:00AM-01:05PM	M	E-213	T.Phillips	Aug 20-Nov 10
	See <a href="http://www.cuyamaca.edu/people/tim-phillips">www.cuyamaca.edu/people/tim-phillips</a> for orientation information. Additional 3 hours 25 minutes instructional time/week via Internet.					
<b>S</b>	1193	TBA	WEB-WEB	T.Phillips		Aug 20-Nov 10
	Online course; 87.5 instructional hours. See <a href="http://www.cuyamaca.edu/people/tim-phillips">www.cuyamaca.edu/people/tim-phillips</a> for orientation information.					

### CIS-121 Network Cabling Systems 3.0

Networking using CAT5 and fiber optic cabling. \$27 supplies fee due at registration.

<b>S</b>	3476	02:00PM-06:05PM	M	E-211	T.Phillips	Aug 20-Nov 10
	See <a href="http://www.cuyamaca.edu/people/tim-phillips">www.cuyamaca.edu/people/tim-phillips</a> for orientation information. Additional 3 hours 25 minutes instructional time/week via Internet.					

### CIS-125 Network+ Certification 3.0

Recommended Preparation: Basic computer skills (basic knowledge of hardware, operating systems, applications software).

<b>S</b>	1171	TBA	WEB-WEB	T.Phillips		Aug 20-Nov 10
	Online course; 87.5 total instructional hours. See <a href="http://www.cuyamaca.edu/people/tim-phillips">www.cuyamaca.edu/people/tim-phillips</a> for orientation information.					

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

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

**S** Denotes short-term class

 "ZTC" Section uses free materials.

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

**CIS-140 Databases 3.0**  
Recommended Preparation: "C" grade or higher or "Pass" in  
CIS 110 or equivalent.  
1172 03:00PM-05:50PM W E-204 C.Sharon  
Additional 2 instructional hours/week via Internet required.

**CIS-190 Windows Operating System 3.0**  
Using Windows 7 Enterprise. When combined with CIS 120, covers  
material in MCP 70-620 exam.  
Prerequisite: "C" grade or higher or "Pass" in CIS 120 or  
125 or equivalent or current CompTIA A+ or N+ certification.  
S 1174 TBA WEB-WEB J.Garibay Aug 20-Nov 10  
Online course; 87.5 total instructional hours. See Canvas for  
orientation.

**CIS-201 Cisco Networking Academy I 3.0**  
Recommended Preparation: "C" grade or higher or "Pass" in  
CIS 125 or equivalent.  
3192 06:00PM-08:30PM W E-207 P.Vitullo  
Additional 2 hours 20 minutes instructional time/week via  
Internet.

**CIS-202 Cisco Networking Academy II 3.0**  
Prerequisite: "C" grade or higher or "Pass" in CIS 201 or  
completion of CCNA1 Version 6 at another Cisco Networking  
Academy, or explicit instructor permission.  
3191 06:00PM-08:35PM TH E-207 C.Sharon  
Additional 2 hours 15 minutes instructional time/week via  
Internet.

**CIS-203 Cisco Networking Academy III 3.0**  
Prerequisite: "C" grade or higher or "Pass" in CIS 202 or  
completion of CCNA2 Version 6 at another Cisco Networking  
Academy, or explicit instructor permission.  
3193 06:00PM-08:50PM M E-207 P.Vitullo  
Additional 2 hours 20 minutes instructional  
time/week via Internet.

**CIS-210 Cisco Networking Academy-Voice 4.0**  
Prerequisite: "C" grade or higher or "Pass" in CIS 204 or  
equivalent or Cisco Networking Academy CCNA1, 2, 3, and 4  
version 4 or version 5; or possess current CCNA  
certification.  
4153 06:15PM-07:35PM MW E-211 A.Alam  
07:45PM-09:05PM MW E-211

**CIS-211 Web Development I 3.0**  
Recommended Preparation: Basic computer skills (ability  
to use the Internet, word process documents, manage  
electronic files).  
5029 TBA WEB-WEB J.Reed  
Online course; 87.5 total instructional hours. Contact  
Instructor for orientation.  
3207 09:30AM-12:20PM T E-204 J.Reed  
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 or equivalent, and "C" grade or higher or "Pass" in 190  
or 191 or equivalent.  
1212 TBA WEB-WEB A.Alam  
Online course; 87.5 total instructional hours.

**CIS-264 Ethical Cybersecurity Hacking 3.0**  
Prerequisite: "C" grade or higher or "Pass" in CIS 263 or  
CIS 209.  
1330 06:00PM-08:50PM T E-212 C.Sharon  
Additional 2 hours instructional time/week via Internet.

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

**CIS-293 Windows Server-Administering 2.0**  
 Prerequisite: "C" grade or higher or "Pass" in CIS 190 or equivalent or current Microsoft Certified Technology Specialist (MCTS) 70-680 certification.  
 2328 TBA WEB-WEB E.Sands  
 Online course; 70 instructional hours.

## COMMUNICATION

**+# COMM-110 Intro to Mass Communication 3.0**  
 3125 TBA WEB-WEB K.Togerson  
 Online course, 52.5 total instructional hours.

**+# COMM-120 Interpersonal Communication 3.0**  
 1789 08:00AM-09:20AM MW B-253 B.O'Donnell  
 1298 09:00AM-12:05PM F B-253 B.O'Donnell  
 1799 09:30AM-10:45AM TTH B-253 N.Jennings  
 1787 09:30AM-10:50AM MW B-253 N.Jennings  
 1788 12:30PM-02:20PM T B-253 N.Jennings  
 Additional instructional hour/week via Internet.  
 1785 01:00PM-02:15PM TTH B-262 M.Kidwell  
 0173 06:30PM-09:20PM W B-253 C.Pearson

**+# COMM-122 Public Speaking 3.0**  
 5150 08:00AM-09:15AM TTH B-262 N.Wier  
 1794 08:00AM-09:20AM MW B-262 N.Wier  
 7882 09:00AM-12:05PM F B-262 A.Pitts  
 S 8127 09:00AM-12:30PM M HSHM-HSHM B.Chambers Sep 17-Jan 18  
 Meets at Health Sciences High & Middle College 3910 University Ave, San Diego, CA 92105 room 200B. No meetings 11/19 to 11/23 (Thanksgiving Break) and, 12/24 to 1/4 (Winter Break). Contact instructor for enrollment information.  
 1796 09:30AM-10:45AM TTH B-262 N.Wier  
 1795 09:30AM-10:50AM MW B-262 N.Wier  
 1797 11:00AM-12:15PM TTH B-262 N.Wier  
 3127 01:00PM-03:05PM M B-253 K.Togerson  
 Additional instructional hour/week via Internet.  
 1470 01:30PM-04:20PM W B-253 N.Jennings  
 2036 06:30PM-09:20PM T B-253 C.Pearson

**+# COMM-124 Intercultural Communication 3.0**  
 9397 11:00AM-12:20PM MW B-262 N.Wier

**+# COMM-137 Critical Thinking Group Comm 3.0**  
 2585 11:00AM-12:20PM MW B-253 N.Jennings

**COMM-145 Argumentation 3.0**  
 2797 11:00AM-12:15PM TTH B-253 N.Jennings

## COUNSELING

**COUN-095 Academic/Financial Aid Plan 0.5**  
 Pass/No Pass Only.

S 1407 08:00AM-12:00PM F E-210 S.Romeri Aug 10-Aug 10  
 12:30PM-05:00PM F E-210  
 This course is designed for students on probation or disqualification with financial aid. Friday morning and afternoon are one class meeting. A 30-minute lunch break is included.

S 1409 08:00AM-12:00PM F E-204 M.Montano Sep 07-Sep 07  
 12:30PM-05:00PM F E-204  
 This course is designed for students on probation or disqualification with financial aid. Friday morning and afternoon are one class meeting. A 30-minute lunch break is included.

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

(COUN-095 continued)

S	1414	08:00AM-12:00PM 12:30PM-05:00PM	F F	E-204 E-204	M.Montano	Oct 26-Oct 26
		This course is designed for students on probation or disqualification with financial aid. Friday morning and afternoon are one class meeting. A 30-minute lunch break is included.				
S	1408	08:00AM-12:00PM 12:30PM-05:00PM	S S	E-210 E-210	S.Romeri	Nov 17-Nov 17
		This course is designed for students on probation or disqualification with financial aid. Saturday morning and afternoon are one class meeting. A 30-minute lunch break is included.				
S	1415	08:00AM-12:00PM 12:30PM-05:00PM	S S	E-210 E-210	M.Montano	Sep 22-Sep 22
		This course is designed for students on probation or disqualification with financial aid. Saturday morning and afternoon are one class meeting. A 30-minute lunch break is included.				
S	3638	08:00AM-12:00PM 12:30PM-05:00PM	S S	E-210 E-210	M.Montano	Aug 25-Aug 25
		This course is designed for students on probation or disqualification with financial aid. Saturday morning and afternoon are one class meeting. A 30-minute lunch break is included.				

**COUN-101 Introduction to College 0.5**

Pass/No Pass only

S	4097	08:00AM-12:10PM	MF	SHSM-HSHM C.To		Sep 10-Sep 14
		Meets at Health Sciences High & Middle College 3910 University Ave, San Diego, CA 92105 room TBA. Contact instructor for enrollment information.				
S	4098	08:00AM-12:10PM	W	SHSM-HSHM C.To		Sep 10-Sep 21
		Meets at Health Sciences High & Middle College 3910 University Ave, San Diego, CA 92105 room TBA. Contact instructor for enrollment information.				

**+ COUN-120 College and Career Success 3.0**

S	0321	TBA	WEB-WEB		C.Morrin	Aug 20-Oct 13
		Online course; 52.5 total instructional hours. See <a href="http://www.cuyamaca.edu/people/cindy-morrin/">www.cuyamaca.edu/people/cindy-morrin/</a>				
	0320	TBA	WEB-WEB		M.Fralick	
		Online course; 52.5 total instructional hours. Familiarity with computers, high speed Internet required. See <a href="http://collegesuccess1.com/online.htm">collegesuccess1.com/online.htm</a>				
S	0315	TBA	WEB-WEB		N.Keeley	Oct 15-Dec 08
		Online course; 52.5 total instructional hours. Familiarity with computers, high speed Internet required. Log onto Canvas to complete mandatory orientation by 10/16.				
S	0319	TBA	WEB-WEB		C.Morrin	Oct 15-Dec 08
		Online course; 52.5 total instructional hours. Familiarity with computers, high speed Internet recommended. See <a href="http://www.cuyamaca.edu/people/cindy-morrin/">www.cuyamaca.edu/people/cindy-morrin/</a> for course information.				
S	3965	TBA	HHS-HHS		K.Bycsek	Aug 27-Dec 21
		52.5 total instructional hours. Meets at Helix Charter High School, 7323 University Ave., La Mesa, CA 91942 room TBA. Class meeting days and times are per the 2A Bell schedule; times to be announced on the class syllabus. Class meets one hour and 10 minutes each class meeting. Contact instructor for enrollment information. No class on 9/10, 10/15, 11/19-11/23. (Thanksgiving Break).				
S	3966	TBA	HHS-HHS		K.Bycsek	Aug 27-Dec 21
		52.5 total instructional hours. Meets at Helix Charter High School, 7323 University Ave., La Mesa, CA 91942 room TBA. Class meeting days and times are per the 2B Bell schedule; times to be announced on the class syllabus. Class meets one hour and 10 minutes each class meeting. Contact instructor for enrollment information. No class on 9/10, 10/15, 11/19-11/23. (Thanksgiving Break).				

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

(COUN-120 continued)

S	4114	TBA	WEB-WEB		C.Morrin	Oct 15-Dec 08
	Online course; 52.5 total instructional hours. Familiarity with computers, high speed Internet recommended. See <a href="http://www.cuyamaca.edu/people/cindy-morrin/">www.cuyamaca.edu/people/cindy-morrin/</a> for course information.					
	9680	08:00AM-09:20AM	MW	E-229	A.Yassi	
	0305	09:00AM-12:05PM	F	F-405	C.Cuz-Flores	
	This course is part of the Pathway Academy program. Contact instructor for enrollment information.					
	1034	09:00AM-12:05PM	F	F-408	D.Mendoza	
	This course is part of the Pathway Academy program. Contact instructor for enrollment information.					
	2775	09:00AM-12:05PM	F	F-407	S.Gonzalez	
	This course is part of the Pathway Academy program. For enrollment information contact the instructor.					
	0327	09:30AM-10:45AM	TTH	E-225	T.Hosley	
	Designed for intercollegiate athletes; open to all students.					
	0318	09:30AM-10:50AM	MW	E-229	C.Morrin	
	3529	11:00AM-12:20PM	MW	E-227	C.Morrin	
	0323	12:30PM-01:45PM	TTH	A-112	C.To	
	2776	01:00PM-04:05PM	F	F-407	S.Gonzalez	
	This course is part of the Pathway Academy program. For enrollment information contact the instructor.					
	3525	03:30PM-04:45PM	TTH	A-112	O.Leal	
	Course designed for high school students: open to all students.					
	3641	06:00PM-09:10PM	M	A-112	R.Jerjis	
<b>+ COUN-140 Self Awareness &amp; Interpersonal 3.0</b>						
	3522	09:30AM-10:45AM	TTH		B.Williams	
	Open for UMOJA Students. Students will be required to attend a mandatory orientation. Contact instructor for enrollment information.					
S	8266	05:00PM-08:50PM	W	A-112	R.Jerjis	Sep 10-Dec 08

**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.

0799 TBA WEB-WEB J.Gerstenberg

Online course; 52.5 total instructional hours.

Requires concurrent enrollment in CS 119L #0800.

0137 06:00PM-07:40PM T E-212 J.Gerstenberg

Additional 1 hour 10 minutes instructional time/week via Internet. Requires concurrent enrollment in CS 119L #0138.

**CS-119L Program Design & Develop Lab 1.0**

Corequisite: CS 119

Recommended Preparation: "C" grade or higher or "Pass" in CIS 110 or equivalent.

0800 TBA WEB-WEB J.Gerstenberg

Online course; 52.5 total instructional hours.

Requires concurrent enrollment in CS 119 #0799.

0138 08:00PM-09:40PM T E-212 J.Gerstenberg

Additional 1 hour 10 minutes instructional time/week via Internet. Requires concurrent enrollment in CS 119 #0137.

**CS-181 Intro to C++ Programming 4.0**

Recommended Preparation: "C" grade or higher or "Pass" in CS 119 or equivalent, and intermediate algebra.

9920 TBA WEB-WEB A.Antwan

Online course; 105 total instructional hours. Email

[azhar.antwan@gcccd.edu](mailto:azhar.antwan@gcccd.edu).

9383 06:00PM-09:50PM W E-212 J.Sanchez

Additional 2 instructional hours/week via Internet.

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

**CS-182 Intro to Java Programming 4.0**  
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.  
7557 06:00PM-10:20PM M E-212 R.Mitchell  
Additional 2 instructional hours/week via Internet.

**CS-281 Intermediate C++ Programming 4.0**  
Prerequisite: "C" grade or higher or "Pass" in CS 181 or equivalent.  
0798 TBA WEB-WEB A.Antwan  
Online course; 105 total instructional hours.

**CS-282 Intermediate Java Programming 4.0**  
Using Netbeans 6.x  
Prerequisite: "C" grade or higher or "Pass" in CS 182 or equivalent.  
9384 TBA WEB-WEB T.Volkman  
Online course; 105 total instructional hours. Contact Instructor for orientation information.

## ECONOMICS

**+# ECON-120 Principles of Macroeconomics 3.0**  
ECON 120, 121 may be taken in any order or simultaneously.  
Prerequisite: "C" grade or higher or "Pass" in MATH 103 or 110 or equivalent (MATH 110 is recommended for Business majors).  
S 9815 TBA WEB-WEB M.Aubry Aug 20-Oct 13  
Online course; 52.5 total instructional hours. Email michael.aubry@gcccd.edu.  
9724 TBA WEB-WEB M.Aubry  
Online course; 52.5 total instructional hours. Email michael.aubry@gcccd.edu.  
9333 09:20AM-10:50AM TH E-223 A.Zambelli  
Additional 1 hour 20 minutes instructional time/week via Internet.  
9723 09:30AM-10:50AM MW E-223 M.Aubry  
S 3213 06:30PM-08:45PM TH E-225 A.Zambelli Sep 10-Dec 08  
Additional 1 hour and 50 minutes instructional time/week via Internet.

**+# ECON-121 Principles of Microeconomics 3.0**  
ECON 120, 121 may be taken in any order or simultaneously.  
Prerequisite: "C" grade or higher or "Pass" in MATH 103 or 110 or equivalent (MATH 110 is recommended for Business majors).  
S 0783 TBA WEB-WEB T.Irani Sep 10-Dec 08  
Online course; 52.5 total instructional hours. Email taheer.irani@gcccd.edu.  
S 2174 TBA WEB-WEB T.Irani Oct 15-Dec 08  
Online course; 52.5 total instructional hours. Email taheer.irani@gcccd.edu.  
9810 11:00AM-12:20PM MW E-223 M.Aubry

## EDUCATION

**ED-200 Teaching As a Profession 3.0**  
2180 TBA WEB-WEB K.Kotowski  
Online course; 52.5 total instructional hours. Email kathy.kotowski@gcccd.edu by 8/20 and complete the orientation by 8/27.  
S 2181 TBA WEB-WEB D.Lapp Sep 17-Jan 18  
Online course; 52.5 total instructional hours.  
Designed for dual enrollment students at Health Science High and Middle College. Contact instructor for enrollment information.

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

## ENVIRONMENTAL HEALTH/SAFETY

	<b>EHSM-100 Environmental &amp; OSH Tech</b>	<b>4.0</b>				
	Overview of hazardous materials/waste management and occupational health and safety.					
	9817	06:00PM-09:50PM	W	E-210	J.Godfrey	
	<b>EHSM-110 Pollution Prevention</b>	<b>3.0</b>				
	2183	06:00PM-08:50PM	T	E-210	D.Ivester	
	<b>EHSM-135 Industry Safety Standards</b>	<b>3.0</b>				
	2184	06:00PM-09:10PM	M	E-225	J.Breay	
	<b>EHSM-230 Hazwoper Certification</b>	<b>3.0</b>				
S	4121	08:00AM-12:00PM	FS	F-724	J.Godfrey	Oct 15-Nov 03
		12:30PM-05:00PM	FS	F-724		
	Classes are held on Friday and Saturday over three weeks beginning 10/15 - 11/3. Morning and afternoon are one class meeting.					
S	4127	08:00AM-12:00PM	MTWTHFS	TBA	STAFF	Oct 15-Oct 20
		12:30PM-05:00PM	MTWTHFS	TBA		
	Classes are held over one week from 10/15 - 10/20. Morning and afternoon are one class meeting.					
S	3222	08:00AM-12:00PM	S	F-724	J.Godfrey	Sep 03-Oct 13
		12:30PM-05:00PM	S	F-724		
	Saturday morning and afternoon are one class meeting 9/8, 9/15, 9/22 9/29, 10/6, 10/13					
	7596	06:00PM-09:05PM	TH	F-724	J.Godfrey	
	<b>EHSM-240 Cooperative Work Experience</b>					
	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.					
	4719		TBA		D.Ivester	
	1 unit=75 hours paid/60 hours unpaid work experience.					
	4720		TBA		D.Ivester	
	2 units=150 hours paid/120 hours unpaid work experience.					
	4721		TBA		D.Ivester	
	3 units=225 hours paid/180 hours unpaid work experience.					
	4722		TBA		D.Ivester	
	4 units=300 hours paid/240 hours unpaid work experience.					

## ENGLISH

	<b>ENGL-020 Support-Freshman Composition 1.0</b>					
	Pass/No Pass only.					
	Concurrent-enrollment support course for ENGL 120 for students who do not meet the prerequisite for ENGL 120.					
	Prerequisite: Appropriate Placement.					
	Corequisite: Concurrent enrollment in ENGL 120					
	3157	TBA	WEB-WEB		C.Luna	
	Requires concurrent enrollment in ENGL 120 section #3158.					
	Concurrent support course for ENGL 120 for students requiring or wanting additional instruction. Online course; 17.5 total instructional hours. Students email instructor cynthia.luna@gcccd.edu by 8/20 to confirm registration.					
	3165	TBA	WEB-WEB		K.Lenox	
	Requires concurrent enrollment in ENGL 120 section #3166.					
	Concurrent support course for ENGL 120 for students requiring or wanting additional instruction. Online course; 17.5 total instructional hours. Students email instructor kim.bailey@gcccd.edu by 8/20 to confirm registration.					
	0658	09:30AM-10:20AM	TH	B-270	A.Lapointe	
	Concurrent support course for ENGL 120 for students requiring or wanting additional instruction. Requires concurrent enrollment in ENGL 120 section #0659.					

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

(ENGL-020 continued)

0662 10:00AM-10:50AM W B-268 M.Bucky  
Concurrent support course for ENGL 120 for students requiring or  
wanting additional instruction. Requires concurrent enrollment  
in ENGL 120, section #0663.  
3797 11:30AM-12:20PM T B-270 K.Marrujo  
Concurrent support course for ENGL 120 for students requiring  
or wanting additional instruction. Requires concurrent  
enrollment in ENGL 120 section #3798.  
9115 11:30AM-12:20PM TH B-268 K.Wolfe  
Concurrent support course for ENGL 120 for students requiring  
or wanting additional instruction. Requires concurrent  
enrollment in ENGL 120, section #9114.  
9117 01:00PM-01:50PM W B-268 K.Allen  
Concurrent support course for ENGL 120 for students requiring  
or wanting additional instruction. Requires concurrent  
enrollment in ENGL 120, section #9116.  
0660 01:30PM-02:20PM TH B-268 K.McGregor  
This Course is part of the UMOJA Program. Open to all Students.  
For enrollment information contact the instructor at  
kristin.mcgregor@gcccd.edu Concurrent support course for ENGL  
120 for students requiring or wanting additional instruction.  
Requires concurrent enrollment in ENGL 120, section #0661.  
1419 08:00PM-08:50PM TH B-270 K.McGregor  
Concurrent support course for ENGL 120 for students requiring  
or wanting additional instruction. Requires concurrent  
enrollment in ENGL 120, section #0665.

**ENGL-099 Accel Prep-Read,Reason&Write 5.0**

Prerequisite: "Pass" grade in ENGL 090 and 090R or  
equivalent or assessment recommendation for ENGL 098.  
9096 08:00AM-10:20AM MW B-360 K.Marrujo  
9125 12:30PM-02:45PM TTH B-360 K.Marrujo  
0562 01:30PM-03:50PM MW B-360 R.Bacchia  
9124 06:00PM-07:50PM TTH B-360 Y.Alejandro Torres  
Additional 1 instructional hour/week via Internet.

**+ #**

**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 2B or equivalent or assessment.  
2065 TBA WEB-WEB B.Kuhn  
Online course; 70 total instructional hours. Students email  
instructor at brianna.kuhn@gcccd.edu by 8/21 to confirm course  
registration.  
2451 TBA WEB-WEB K.Lenox  
Online course; 70 total instructional hours. Students email  
the instructor at kim.bailey@gcccd.edu by 8/20 to confirm  
registration.  
2453 TBA WEB-WEB T.Larson  
Online course; 70 total instructional hours. Students email  
the instructor at trina.larson@gcccd.edu by 8/20 to confirm  
registration.  
2454 TBA WEB-WEB K.Allen  
Online course; 70 total instructional hours. Students email  
the instructor at kelly.allen@gcccd.edu by 8/20 to confirm  
registration.  
3158 TBA WEB-WEB C.Luna  
Requires concurrent enrollment in ENGL 020 section #3157.  
ENGL-020 is a concurrent support course for English 120 for  
students requiring or wanting additional instruction. Online  
course; 70 total instructional hours. Students email instructor  
cynthia.luna@gcccd.edu by 8/20 to confirm registration.  
3166 TBA WEB-WEB K.Lenox  
Requires concurrent enrollment in ENGL 020 section #3165.  
ENGL-020 is a concurrent support course for English 120 for  
students requiring or wanting additional instruction. Online  
course; 70 total instructional hours. Students email instructor  
kim.bailey@gcccd.edu by 8/20 to confirm registration.

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

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

**S Denotes short-term class**

** "ZTC" Section uses free materials.**

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

(EBGL-120 continued)

0659	07:30AM-09:20AM	T	B-269	A.Lapointe
	07:30AM-08:20AM	TH	B-269	
	08:30AM-09:20AM	TH	B-269	

Traditional freshman composition course.  
Requires concurrent enrollment in ENGL 020, section #0658. ENGL 020 is a concurrent support course for ENGL 120 for students requiring or wanting additional instruction.

1280	07:30AM-09:20AM	T	B-271	K.Wolfe
	07:30AM-08:20AM	TH	B-271	
	08:30AM-09:20AM	TH	B-270	

0663	08:00AM-10:05AM	M	B-269	M.Bucky
	08:00AM-08:50AM	W	B-269	
	09:00AM-09:50AM	W	B-269	

Requires concurrent enrollment in ENGL 020, section #0662. ENGL 020 is a concurrent support course for ENGL 120 for students requiring or wanting additional instruction.

1341	08:00AM-10:05AM	M	B-271	B.Kuhn
	08:00AM-08:50AM	W	B-271	
	09:00AM-09:50AM	W	B-268	

6230	09:00AM-12:05PM	F	B-271	L.Crane
------	-----------------	---	-------	---------

Additional 1 instructional hour/week via Internet.

1286	09:30AM-11:20AM	T	B-271	C.Cox
	09:30AM-10:20AM	TH	B-271	
	10:30AM-11:20AM	TH	B-270	

9114	09:30AM-11:20AM	T	B-269	K.Wolfe
	09:30AM-10:20AM	TH	B-269	
	10:30AM-11:20AM	TH	B-269	

Course for students who place into ENGL 109/110 but want to enroll directly into English 120. Requires concurrent enrollment in ENGL 020, section #9115. ENGL 020 is a Concurrent support course for ENGL 120 for students requiring or wanting additional instruction.

3798	09:30AM-11:20AM	T	B-360	K.Marrujo
	09:30AM-10:20AM	TH	B-360	
	10:30AM-11:20AM	TH	B-360	

Traditional freshman composition course.  
Requires concurrent enrollment in ENGL 020, section #3797. ENGL 020 is a concurrent support course for ENGL 120 for students requiring or wanting additional instruction.

3177	09:30AM-12:20PM	T	B-171	L.Brazil
	12:30PM-01:20PM	T	B-268	

Arts in San Diego themed class. Requires concurrent enrollment in HUM-115 section #1194.

4763	11:00AM-01:05PM	M	B-271	C.Cox
	11:00AM-11:50AM	W	B-271	
	12:00PM-12:50PM	W	B-270	

9116	11:00AM-01:05PM	M	B-269	K.Allen
	11:00AM-11:50AM	W	B-269	
	12:00PM-12:50PM	W	B-269	

Requires concurrent enrollment in ENGL 020, section #9117. ENGL 020 is a concurrent support course for ENGL 120 for students requiring or wanting additional instruction.

0661	11:30AM-01:20PM	T	B-269	K.McGregor
	11:30AM-12:20PM	TH	B-269	
	12:30PM-01:20PM	TH	B-269	

This Course is part of the UMOJA Program. Open to all Students. For enrollment information contact the instructor at kristin.mcgregor@gcccd.edu Requires concurrent enrollment in ENGL 020, section #0660. ENGL 020 is a concurrent support course for English 120 for students requiring or wanting additional instruction.

2436	11:30AM-01:20PM	T	B-271	C.Cox
	11:30AM-12:20PM	TH	B-271	
	12:30PM-01:20PM	TH	B-270	

1276	01:30PM-02:20PM	T	B-271	C.Ortiz
	02:30PM-03:20PM	T	B-270	
	01:30PM-03:20PM	TH	B-271	

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

(ENGL-120 continued)

	2055	01:30PM-03:35PM	M	B-271	D.Judd	
		01:30PM-02:20PM	W	B-271		
		02:30PM-03:20PM	W	B-268		
S	4095	01:35PM-02:25PM	T	HSHM-HSHM	M.Thayre	Sep 17-Jan 18
		01:35PM-03:05PM	WTH	HSHM-HSHM		
		Meets at Health Sciences High & Middle College 3910 University Ave, San Diego, CA 92105 room TBA. No meetings 11/19 to 11/23 (Thanksgiving Break) and, 12/24 to 1/4 (Winter Break). Contact instructor for enrollment information.				
	0665	06:00PM-07:50PM	T	B-269	K.McGregor	
		06:00PM-06:50PM	TH	B-269		
		07:00PM-07:50PM	TH	B-269		
		Requires concurrent enrollment in ENGL 020, section #1419. ENGL 020 is a concurrent support course for ENGL 120 for students requiring or wanting additional instruction.				
	2441	06:00PM-07:50PM	T	B-271	M.Feigner	
		06:00PM-06:50PM	TH	B-271		
		07:00PM-07:50PM	TH	B-268		

**+# ENGL-122 Introduction to Literature 3.0**

Introduces poetry, fiction, drama, and nonfiction from a diversity of sources.

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

2438 TBA WEB-WEB A.Lapointe  
Online course; 52.5 total instructional hours. Students email the instructor at [audrey.lapointe@gcccd.edu](mailto:audrey.lapointe@gcccd.edu) by 8/20 to confirm registration.

2442 11:00AM-12:20PM M B-268 R.Bacchia  
11:00AM-12:20PM W B-268

**+# ENGL-124 Advanced Composition 3.0**

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

1299 TBA WEB-WEB T.Adparvar  
Online course; 70 total instructional hours. Students email the instructor at [tina.adparvar@gcccd.edu](mailto:tina.adparvar@gcccd.edu) by 8/20 to confirm registration.

6256 TBA WEB-WEB C.Luna  
Online course; 70 total instructional hours. Students email the instructor at [cynthia.luna@gcccd.edu](mailto:cynthia.luna@gcccd.edu) by 8/20 to confirm registration.

2457 TBA WEB-WEB R.Stafford  
Online course; 70 total instructional hours. Students email the instructor at [robert.stafford@gcccd.edu](mailto:robert.stafford@gcccd.edu) by 8/20 to confirm registration.

3185 08:00AM-10:05AM M B-365 R.Stafford  
08:00AM-08:50AM W B-268  
09:00AM-09:50AM W B-365

1283 09:30AM-11:20AM T B-365 A.Sanchez  
09:30AM-10:20AM TH B-365  
10:30AM-11:20AM TH B-268

2443 11:00AM-01:05PM M B-365 A.Wade  
11:00AM-11:50AM W B-270  
12:00PM-12:50PM W B-365

7497 11:30AM-01:20PM T B-365 T.Jabour  
11:30AM-12:20PM TH B-365  
12:30PM-01:20PM TH B-268

0656 01:30PM-03:35PM M B-365 A.Wade  
01:30PM-02:20PM W B-365  
02:30PM-03:20PM W B-270

**+# ENGL-270 World Literature I 3.0**

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

2458 09:30AM-10:50AM MW B-270 K.McGregor

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

**ENGINEERING**

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

2090	10:00AM-12:50PM	T	F-301	D.McGehee
	10:00AM-12:50PM	TH	F-301	
2088	02:00PM-04:50PM	T	F-301	D.McGehee
	02:00PM-04:50PM	TH	F-301	

**ENGR-119 Basic Engineering CAD 3.0**

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.

5955	03:30PM-04:35PM	M	F-601	C.Saghafi
	04:45PM-06:35PM	M	F-601	
	04:00PM-04:50PM	W	F-601	
	05:00PM-06:50PM	W	F-601	
4132	07:00PM-07:50PM	TTH	F-601	F.Estrella
	08:00PM-09:50PM	TTH	F-601	

**ENGR-120 Engineering Computer Apps 3.0**

Prerequisite: "C" grade or higher or "Pass" in MATH 180 or equivalent or concurrent enrollment.

2091	06:30PM-07:35PM	M	F-301	D.McGehee
	07:45PM-09:05PM	M	F-301	
	06:30PM-07:20PM	W	F-301	
	07:30PM-08:40PM	W	F-301	

**ENGR-125 3D Solid Modeling 3.0**

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.

1235	07:00PM-08:05PM	M	F-601	C.Saghafi
	08:15PM-10:05PM	M	F-601	
	07:00PM-07:50PM	W	F-601	
	08:00PM-09:50PM	W	F-601	

Cross-listed as CADD 125 #1203

**ENGR-200 Engineering Mechanics-Statics 3.0**

Prerequisite: "C" grade or higher or "Pass" in PHYC 190 or equivalent.

Corequisite: MATH 280 or previous enrollment.

S	9798	02:30PM-04:05PM	MW	F-508	D.Greenhalgh	Aug 27-Dec 08
S	1281	06:00PM-07:35PM	MW	F-620	D.Greenhalgh	Aug 27-Dec 08

**ENGR-210 Electric Circuits 4.0**

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

9266	11:00AM-12:20PM	MW	F-620	J.Chepin
	08:00AM-10:50AM	W	F-301	

**ENGR-260 Engineering Materials 3.0**

Prerequisite: "C" grade or higher or "Pass" in PHYC 190 or equivalent.

Corequisite: CHEM 141 or previous enrollment.

S	8472	04:15PM-05:50PM	MW	F-620	M.Mitchell	Aug 27-Dec 08
---	------	-----------------	----	-------	------------	---------------

**ENGR-270 Digital Design 4.0**

Prerequisite: "C" grade or higher or "Pass" in MATH 175 or 176 or equivalent.

S	7887	02:00PM-03:35PM	MW	F-301	C.Gabler	Aug 27-Dec 08
		03:45PM-05:15PM	MW	F-301		

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

## EXERCISE SCIENCE

#	<b>ES-001 Adapted Physical Exercise</b>	<b>1.0</b>		
	9737 09:30AM-10:20AM	T	D-202	J.Tomaschke
	09:30AM-10:20AM	TH	D-203	
	2097 11:00AM-11:50AM	T	D-203	J.Tomaschke
	11:00AM-11:50AM	TH	D-203	
	Emphasis senior walking.			
#	<b>ES-009A Beginning Aerobic Dance Ex</b>	<b>1.0</b>		
	2105 09:30AM-10:20AM	T	D-205	S.Nordquist
	09:30AM-10:20AM	TH	D-205	
	9276 09:30AM-10:35AM	M	D-205	S.Nordquist
	09:30AM-10:20AM	W	D-205	
#	<b>ES-009B Intermediate Aerobic Dance Ex</b>	<b>1.0</b>		
	Recommended Preparation: "C" grade or higher or "Pass" in ES 009A or equivalent or specified skill competencies.			
	2106 09:30AM-10:20AM	T	D-205	S.Nordquist
	09:30AM-10:20AM	TH	D-205	
	6028 09:30AM-10:35AM	M	D-205	S.Nordquist
	09:30AM-10:20AM	W	D-205	
#	<b>ES-009C Advanced Aerobic Dance Ex</b>	<b>1.0</b>		
	Recommended Preparation: "C" grade or higher or "Pass" in ES 009B or equivalent or specified skill competencies.			
	2109 09:30AM-10:20AM	T	D-205	S.Nordquist
	09:30AM-10:20AM	TH	D-205	
	8011 09:30AM-10:35AM	M	D-205	S.Nordquist
	09:30AM-10:20AM	W	D-205	
#	<b>ES-010 Cardio Fitness and Nutrition</b>	<b>1.0</b>		
	2114 09:30AM-10:50AM	M	D-202	L.Dillard
	09:30AM-10:50AM	W	D-203	
	1606 06:00PM-07:20PM	M	D-202	L.Dillard
	06:00PM-07:20PM	W	D-203	
#	<b>ES-011 Circuit Training</b>	<b>1.0</b>		
	1608 09:00AM-12:05PM	F	D-203	D.Proffitt
#	<b>ES-013 Flexibility Fitness</b>	<b>1.5</b>		
	2117 04:30PM-06:20PM	W	D-205	J.Tomaschke
	Additional 1 instructional hour/week via Internet. Emphasis stretching, yoga, meditative techniques.			
#	<b>ES-014A Beginning Body Building</b>	<b>1.5</b>		
	1613 11:00AM-12:50PM	T	D-401	P.Thiss
	11:00AM-11:50AM	TH	D-401	
	Class meets in the Free Weights Facility.			
	1614 11:00AM-01:05PM	M	D-401	P.Thiss
	11:00AM-11:50AM	W	D-401	
	Class meets in the Free Weights Facility.			
	3919 12:00PM-12:50PM	T	D-203	S.Nordquist
	12:00PM-12:50PM	WTH	D-203	
	Contact instructor for enrollment information. Emphasis Employee Class.			
#	<b>ES-014B Intermediate Body Building</b>	<b>1.5</b>		
	Recommended Preparation: "C" grade or higher or "Pass" in ES 014A or equivalent.			
	1617 11:00AM-12:50PM	T	D-401	P.Thiss
	11:00AM-11:50AM	TH	D-401	
	Class meets in the Free Weights Facility.			
	1620 11:00AM-01:05PM	M	D-401	P.Thiss
	11:00AM-11:50AM	W	D-401	
	Class meets in the Free Weights Facility.			
	3920 12:00PM-12:50PM	T	D-203	S.Nordquist
	12:00PM-12:50PM	WTH	D-203	
	Contact instructor for enrollment information. Emphasis Employee Class.			

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

#	<b>ES-014C Advanced Body Building</b>	<b>1.5</b>			
	Recommended Preparation: "C" grade or higher or "Pass" in ES 014B or equivalent.				
	1619	11:00AM-12:50PM	T	D-401	P.Thiss
		11:00AM-11:50AM	TH	D-401	
	Class meets in the Free Weights Facility.				
	1628	11:00AM-01:05PM	M	D-401	P.Thiss
		11:00AM-11:50AM	W	D-401	
	Class meets in the Free Weights Facility.				
	3921	12:00PM-12:50PM	T	D-203	S.Nordquist
		12:00PM-12:50PM	WTH	D-203	
	Contact instructor for enrollment information. Emphasis Employee Class.				
+ #	<b>ES-019A Beginning Physical Fitness</b>	<b>1.5</b>			
	2118	08:30AM-09:20AM	TTH	D-203	S.Nordquist
	Additional 1 instructional hour/week via Internet. Emphasis Boot Camp.				
	3678	02:45PM-03:50PM	M	D-205	R.Wojtkowski
		01:00PM-01:50PM	WF	D-205	
+ #	<b>ES-019B Intermediate Physical Fitness</b>	<b>1.5</b>			
	Recommended Preparation: "C" grade or higher or "Pass" in ES 019A or equivalent.				
	2121	08:30AM-09:20AM	TTH	D-203	S.Nordquist
	Additional 1 instructional hour/week via Internet. Emphasis Boot Camp.				
	3681	02:45PM-03:50PM	M	D-205	R.Wojtkowski
		01:00PM-01:50PM	WF	D-205	
+ #	<b>ES-019C Advanced Physical Fitness</b>	<b>1.5</b>			
	Recommended Preparation: "C" grade or higher or "Pass" in ES 019B or equivalent.				
	2123	08:30AM-09:20AM	TTH	D-203	S.Nordquist
	Additional 1 instructional hour/week via Internet. Emphasis Boot Camp.				
	3682	02:45PM-03:50PM	M	D-205	R.Wojtkowski
		01:00PM-01:50PM	WF	D-205	
#	<b>ES-155A Beginning Basketball</b>	<b>1.0</b>			
	Introduction to basic skills in basketball.				
	9747	08:30AM-09:35AM	F	D-100	R.Wojtkowski
		09:45AM-10:35AM	F	D-100	
#	<b>ES-155B Intermediate Basketball</b>	<b>1.0</b>			
	Intermediate skill level; defensive/offensive tactics and team play.				
	Recommended Preparation: "C" grade or higher or "Pass" in ES 155A or equivalent.				
	9748	08:30AM-09:35AM	F	D-100	R.Wojtkowski
		09:45AM-10:35AM	F	D-100	
#	<b>ES-155C Advanced Basketball</b>	<b>1.0</b>			
	Emphasis on advanced level skills, tactics, strategy.				
	Recommended Preparation: "C" grade or higher or "Pass" in ES 155B or equivalent.				
	9749	08:30AM-09:35AM	F	D-100	R.Wojtkowski
		09:45AM-10:35AM	F	D-100	
#	<b>ES-170A Beginning Soccer</b>	<b>1.0</b>			
	Basic soccer strategy; emphasis on individual skills and team play.				
	2219	10:00AM-11:05AM	S	FLDM-FLDM	S.McNary
		11:15AM-12:05PM	S	FLDM-FLDM	
	4141	10:00AM-11:05AM	S		J.Tomaschke
		11:15AM-12:05PM	S		
	Class meets at the lower field.				
	7462	10:45AM-11:50AM	F	FLDM-FLDM	R.Wojtkowski
		12:00PM-12:50PM	F	FLDM-FLDM	

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

# **ES-170B Intermediate Soccer** 1.0  
 Intermediate skills, techniques and team strategy.  
 Recommended Preparation: "C" grade or higher or "Pass" in ES 170A or equivalent.

2230	10:00AM-11:05AM	S	FLDM-FLDM	S.McNary
	11:15AM-12:05PM	S	FLDM-FLDM	
4142	10:00AM-11:05AM	S		J.Tomaschke
	11:15AM-12:05PM	S		

Class meets at the lower field.

7463	10:45AM-11:50AM	F	FLDM-FLDM	R.Wojtkowski
	12:00PM-12:50PM	F	FLDM-FLDM	

# **ES-170C Advanced Soccer** 1.0  
 Advanced soccer skills and team play.  
 Recommended Preparation: "C" grade or higher or "Pass" in ES 170B or equivalent.

2231	10:00AM-11:05AM	S	FLDM-FLDM	S.McNary
	11:15AM-12:05PM	S	FLDM-FLDM	
4148	10:00AM-11:05AM	S		J.Tomaschke
	11:15AM-12:05PM	S		

Class meets at the lower field.

7464	10:45AM-11:50AM	F	FLDM-FLDM	R.Wojtkowski
	12:00PM-12:50PM	F	FLDM-FLDM	

# **ES-175A Beginning Volleyball** 1.0  
 Individual skills and team strategy.

9753	06:00PM-06:50PM	T	D-100	D.Regas
	07:00PM-07:50PM	T	D-100	

# **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.

9754	06:00PM-06:50PM	T	D-100	D.Regas
	07:00PM-07:50PM	T	D-100	

# **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.

9755	06:00PM-06:50PM	T	D-100	D.Regas
	07:00PM-07:50PM	T	D-100	

**ES-209 Intercollegiate Cross-Country** 2.0  
 \$17.50 insurance fee due at registration.  
 Prerequisite: Tryout

9773	03:30PM-04:20PM	MTWTHF	FLDM-FLDM	T.Hunt
	04:30PM-05:20PM	MTWTHF	FLDM-FLDM	

Team competition in women's cross country.

9774	03:30PM-04:20PM	MTWTHF	FLDM-FLDM	T.Seaman
	04:30PM-05:20PM	MTWTHF	FLDM-FLDM	

Team competition in men's cross-country.

**ES-213 Intercollegiate Golf** 2.0  
 \$17.50 insurance fee due at registration.  
 Prerequisite: Tryout

9775	11:00AM-04:25PM	M	SYCN-SYCN	J.Klein
	11:00AM-03:50PM	W	SYCN-SYCN	

Team competition in women's golf. Meets at Sycuan Golf Course, 3007 Dehesa Rd, El Cajon. Students must bring their own golf clubs.

**ES-218 Intercollegiate Soccer** 2.0  
 \$17.50 insurance fee due at registration.  
 Prerequisite: Tryout

9776	02:00PM-02:50PM	MTWTHF	FLDM-FLDM	B.Hiatt-Aleu
	03:00PM-03:50PM	MTWTHF	FLDM-FLDM	

Team competition in men's soccer.

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

**ES-230 Intercollegiate Volleyball 2.0**  
 \$17.50 insurance fee due at registration.  
 Prerequisite: Tryout  
 0716 02:00PM-02:50PM M D-100 D.Proffitt  
 03:00PM-03:50PM M D-100  
 04:00PM-04:50PM TWTHF D-100  
 05:00PM-05:50PM TWTHF D-100  
 Team competition in women's volleyball.

**ES-249 Comp for Intercollegiate Athletes 4.0**  
 \$17.50 insurance fee due at registration.  
 Prerequisite: Recommendation of Intercollegiate Coach  
 3596 02:30PM-03:35PM M D-401 P.Thiss  
 03:45PM-05:00PM M D-401  
 02:30PM-04:45PM TWTH D-401  
 Out of season conditioning program for Cuyamaca College Men's and Women's Track & Field athletes.  
 3928 04:00PM-05:50PM M D-100 R.Wojtkowski  
 02:00PM-02:50PM T D-100  
 03:00PM-03:50PM T D-100  
 02:00PM-03:50PM WTHF D-100  
 Conditioning and competition in men's basketball.

**ES-250 Introduction to Kinesiology 3.0**  
 0013 TBA WEB-WEB P.Thiss  
 Online course; 52.5 total instructional hours.  
 S 4149 TBA WEB-WEB J.Tomaschke Oct 15-Dec 08  
 Online course; 52.5 total instructional hours.

**ES-255 Care/Prevent Athletic Injuries 3.0**  
 2136 06:00PM-08:50PM W D-202 L.Buttles  
 09:00PM-09:50PM W D-202

**ES-271 Fitness Walking With Children 1.0**  
 S 1696 06:00PM-08:10PM TTH D-202 S.Nordquist Aug 20-Sep 01  
 Additional 4 instructional hours/week via Internet.

**ES-272 Issues in Childhood Obesity 1.0**  
 S 8013 TBA WEB-WEB S.Nordquist Sep 04-Sep 29  
 Online course; 17.5 total instructional hours.

**ENGLISH AS A SECOND LANGUAGE**

**ESL-1A Accel Reading & Writing - ESL 6.0**  
 Prerequisite: Grade of "Pass" in ESL 080 or equivalent or assessment into ESL 096, 100 or 1A.  
 2874 08:00AM-11:10AM M B-159 D.Garrett  
 08:00AM-10:50AM W B-159  
 Student must be concurrently enrolled in ESL 1AG #2875  
 2891 08:00AM-11:10AM M F-608 P.Daley  
 08:00AM-10:50AM W F-608  
 Student must be concurrently enrolled in ESL 1AG #2893.  
 2928 09:30AM-12:20PM TTH F-407 S.Kauffman  
 Student must be concurrently enrolled in ESL 1AG #2930.  
 2935 09:30AM-12:20PM TTH F-607 L.Woods  
 Student must be concurrently enrolled in ESL 1AG #2937.  
 2899 09:30AM-12:40PM M F-407 V.Neylon-Craft  
 09:30AM-12:20PM W F-407  
 Student must be concurrently enrolled in ESL 1AG #2901.  
 2940 11:00AM-01:50PM TTH B-159 A.Colls  
 Student must be concurrently enrolled in ESL 1AG #2941.  
 2946 11:00AM-01:50PM TTH B-154 K.Staff  
 Student must be concurrently enrolled in ESL 1AG #2959.  
 2915 12:00PM-03:10PM M F-401 Y.Yamamoto  
 12:00PM-02:50PM W F-401  
 Student must be concurrently enrolled in ESL 1AG #2916.  
 2921 06:30PM-09:20PM TTH F-407 S.Lange-Velazquez  
 Student must be concurrently enrolled in ESL 1AG #2922.

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

(ESL-1A continued)

2870 06:30PM-09:40PM M B-171 J.Graboi  
06:30PM-09:20PM W B-171  
Student must be concurrently enrolled in ESL 1AG #2871

**ESL-1AG Grammar-ESL Accel Read&Write 3.0**

Pass/No Pass only.

Prerequisite: "C" grade or higher or "Pass" in ESL 080 or equivalent placement, or concurrent enrollment in ESL 1A

2930 08:00AM-09:15AM TTH F-407 S.Kauffman  
Student must be concurrently enrolled in ESL 1A #2928.  
2941 09:30AM-10:45AM TTH B-159 A.Colls  
Student must be concurrently enrolled in ESL 1A #2940.  
2959 09:30AM-10:45AM TTH B-154 K.Staff  
Student must be concurrently enrolled in ESL 1A #2946. Class will be meeting in room B-162 during August and September.  
2916 10:30AM-11:50AM MW F-401 Y.Yamamoto  
Student must be concurrently enrolled in ESL 1A #2915.  
2875 11:30AM-12:50PM MW B-159 D.Garrett  
Student must be concurrently enrolled in ESL 1A #2874  
2893 11:30AM-12:50PM MW F-608 P.Daley  
Student must be concurrently enrolled in ESL 1A #2891.  
2937 12:30PM-01:45PM TTH F-607 L.Woods  
Student must be concurrently enrolled in ESL 1A #2935.  
2901 01:00PM-02:20PM MW F-407 R.Elmalt  
Student must be concurrently enrolled in ESL 1A #2899.  
2922 05:00PM-06:15PM TTH F-407 S.Lange-Velazquez  
Student must be concurrently enrolled in ESL 1A #2921.  
2871 05:00PM-06:20PM MW B-171 J.Graboi  
Student must be concurrently enrolled in ESL 1A #2870

**ESL-1B Adv Accel Reading & Writing 6.0**

Prerequisite: "C" grade or higher or "Pass" in ESL 100 or 1A or equivalent placement into ESL 103 or 1B.

2876 08:00AM-11:10AM M B-159 D.Garrett  
08:00AM-10:50AM W B-159  
Student must be concurrently enrolled in ESL 1BG #2877.  
2894 08:00AM-11:10AM M F-608 P.Daley  
08:00AM-10:50AM W F-608  
Student must be concurrently enrolled in ESL 1BG #2898.  
2933 09:30AM-12:20PM TTH F-407 S.Kauffman  
Student must be concurrently enrolled in ESL 1BG #2934.  
2938 09:30AM-12:20PM TTH F-607 L.Woods  
Student must be concurrently enrolled in ESL 1BG #2939.  
2907 09:30AM-12:40PM M F-407 V.Neylon-Craft  
09:30AM-12:20PM W F-407  
Student must be concurrently enrolled in ESL 1BG #2909.  
2942 11:00AM-01:50PM TTH B-159 A.Colls  
Student must be concurrently enrolled in ESL 1BG #2945.  
2960 11:00AM-01:50PM TTH B-154 K.Staff  
Student must be concurrently enrolled in ESL 1BG #2962.  
2917 12:00PM-03:10PM M F-401 Y.Yamamoto  
12:00PM-02:50PM W F-401  
Student must be concurrently enrolled in ESL 1BG #2919.  
2923 06:30PM-09:20PM TTH F-407 S.Lange-Velazquez  
Student must be concurrently enrolled in ESL 1BG #2926.  
2872 06:30PM-09:40PM M B-171 J.Graboi  
06:30PM-09:20PM W B-171  
Student must be concurrently enrolled in ESL 1BG #2873

**ESL-1BG Gramm-Adv ESL Read and Write 3.0**

Pass/No Pass only.

Prerequisite: Grade of "Pass" in ESL 096, or equivalent placement, or concurrent enrollment in ESL 1B

2934 08:00AM-09:15AM TTH F-407 S.Kauffman  
Student must be concurrently enrolled in ESL 1B #2933.  
2945 09:30AM-10:45AM TTH B-159 A.Colls  
Student must be concurrently enrolled in ESL 1B #2942.

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

(ESL-1BG continued)

2962 09:30AM-10:45AM TTH B-154 K.Staff  
 Student must be concurrently enrolled in ESL 1B #2960. Class will be meeting in room B-162 during August and September.  
 2919 10:30AM-11:50AM MW F-401 Y.Yamamoto  
 Student must be concurrently enrolled in ESL 1B #2917.  
 2877 11:30AM-12:50PM MW B-159 D.Garrett  
 Student must be concurrently enrolled in ESL 1B #2876.  
 2898 11:30AM-12:50PM MW F-608 P.Daley  
 Student must be concurrently enrolled in ESL 1B #2894.  
 2939 12:30PM-01:45PM TTH F-607 L.Woods  
 Student must be concurrently enrolled in ESL 1B #2938.  
 2909 01:00PM-02:20PM MW F-407 R.Elmalt  
 Student must be concurrently enrolled in ESL 1B #2907.  
 2926 05:00PM-06:15PM TTH F-407 S.Lange-Velazquez  
 Student must be concurrently enrolled in ESL 1B #2923.  
 2873 05:00PM-06:20PM MW B-171 J.Graboi  
 Student must be concurrently enrolled in ESL 1B #2872

**ESL-2A Accel Composition - ESL 6.0**

Prerequisite: "C" grade or higher or "Pass" in ESL 103, "B" grade or higher in ESL 1A, "C" grade or higher in ESL 1B, or equivalent placement into ESL 106 or ESL 2A.  
 2975 09:00AM-12:10PM M F-613 G.Tufekci Corte  
 09:00AM-11:50AM W F-613  
 Student must be concurrently enrolled in ESL 2AG #2976.  
 3005 09:30AM-12:20PM TTH F-620 B.Pound  
 Student must be concurrently enrolled in ESL 2AG #3011.  
 2986 11:00AM-01:50PM TTH F-405 D.Hills  
 Student must be concurrently enrolled in ESL 2AG #2992.  
 2980 11:00AM-02:10PM M B-258 O.Sukhanova  
 11:00AM-01:50PM W B-258  
 Student must be concurrently enrolled in ESL 2AG #2981.  
 2983 12:30PM-03:20PM TTH F-401 H.Masri  
 Student must be concurrently enrolled in ESL 2AG #2984.  
 2998 05:00PM-07:50PM TTH B-171 G.Colls  
 Student must be concurrently enrolled in ESL 2AG #3003.  
 2963 06:30PM-09:40PM M B-159 M.Mancillas-Gomez  
 06:30PM-09:20PM W B-159  
 Student must be concurrently enrolled in ESL 2AG #2965.

**ESL-2AG Grammar for ESL Accel Comp 3.0**

Pass/No Pass only.  
 Prerequisite: "C" grade or higher or "Pass" in ESL 103 or equivalent, or assessment, or concurrent enrollment in ESL 2A  
 2992 09:30AM-10:45AM TTH F-405 D.Hills  
 Student must be concurrently enrolled in ESL 2A #2986.  
 2981 09:30AM-10:50AM MW B-258 O.Sukhanova  
 Student must be concurrently enrolled in ESL 2A #2980.  
 3011 12:30PM-01:45PM TTH F-620 B.Pound  
 Student must be concurrently enrolled in ESL 2A #3005.  
 2976 12:30PM-01:50PM MW F-613 G.Tufekci Corte  
 Student must be concurrently enrolled in ESL 2A #2975.  
 2984 03:30PM-04:45PM TTH F-401 H.Masri  
 Student must be concurrently enrolled in ESL 2A #2983.  
 2965 05:00PM-06:20PM MW B-159 M.Mancillas-Gomez  
 Student must be concurrently enrolled in ESL 2A #2963.  
 3003 08:00PM-09:15PM TTH B-171 G.Colls  
 Student must be concurrently enrolled in ESL 2A #2998.

**ESL-2B Adv Accel Comp - ESL 6.0**

Prerequisite: "C" Grade or higher or "Pass" in ESL 2A or equivalent placement into ESL 2B  
 3036 12:30PM-03:40PM M F-607 C.Corte  
 12:30PM-03:20PM W F-607  
 3146 05:00PM-07:50PM TTH B-171 G.Colls  
 Student must be concurrently enrolled in ESL 2BG #3004.

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

**ESL-2BG Gramm - ESL Adv Accel Comp 3.0**

Pass/No Pass only.

Prerequisite: "C" grade or higher or "Pass" in ESL 106 or equivalent, or assessment, or concurrent enrollment in ESL 2B

2995	09:30AM-10:45AM	TTH	F-405	D.Hills
2982	09:30AM-10:50AM	MW	B-258	O.Sukhanova
3013	12:30PM-01:45PM	TTH	F-620	B.Pound
2977	12:30PM-01:50PM	MW	F-613	G.Tufekci Corte
2985	03:30PM-04:45PM	TTH	F-401	H.Masri
2967	05:00PM-06:20PM	MW	B-159	M.Mancillas-Gomez
3004	08:00PM-09:15PM	TTH	B-171	G.Colls

Student must be concurrently enrolled in ESL 2B #3146.

**ESL-010 American Culture I 3.0**

Pass/No Pass only.

2707 08:00AM-09:15AM TTH B-258 H.Dalali  
Student must be concurrently enrolled in ESL 050 #2850 and ESL 050G #2851.

2714 11:00AM-12:15PM TTH F-401 H.Dalali  
Student must be concurrently enrolled in ESL 050 #2852 and ESL 050G #2853.

2706 12:30PM-01:45PM TTH F-613 C.Corte  
Student must be concurrently enrolled in ESL 050 #2843 and ESL 050G #2845.

2703 01:00PM-02:20PM MW B-262 M.Donan  
Student must be concurrently enrolled in ESL 050 #2804 and ESL 050G #2805.

**ESL-050 Basic Accel Read&Write ESL 6.0**

Pass/No Pass only.

Prerequisite: Assessment into ESL 070, 080, or ESL 050.

S 4138 07:25AM-09:15AM MWF R.Miravete Aug 20-Dec 20

Meets at Mountain Empire High School 3305 Buckman Springs Rd, Pine Valley, 91962 room TBA. No meetings 11/19 to 11/23 (Thanksgiving Break).

2843 08:00AM-10:50AM TTH F-613 R.Aoneh  
Student must be concurrently enrolled in ESL 010 #2706 and ESL 050G #2845.

2854 08:00AM-11:10AM M F-614 J.Lennon  
08:00AM-10:50AM W F-614  
Student must be concurrently enrolled in ESL 050G #2855 and ESL 099A #2724.

2868 09:30AM-12:20PM TTH F-608 N.Ireiqat  
Student must be concurrently enrolled in ESL 050G #2869 and ESL 099A #2728.

2804 09:30AM-12:40PM M B-172 M.Mancillas-Gomez  
09:30AM-12:20PM W B-172  
Student must be concurrently enrolled in ESL 010 #2703 and ESL 050G #2805.

2858 10:30AM-01:40PM M B-171 G.Terrones Sanchez  
10:30AM-01:20PM W B-171  
Student must be concurrently enrolled in ESL 050G #2859 and ESL 099A #2726.

2850 11:00AM-01:50PM TTH B-258 S.Frame-Day  
Student must be concurrently enrolled in ESL 010 #2707 and ESL 050G #2851.

2852 12:30PM-03:20PM TTH B-172 K.Oberlander  
Student must be concurrently enrolled in ESL 010 #2714 and ESL 050G #2853.

2856 06:15PM-09:25PM M B-262 C.Beal  
06:15PM-09:05PM W B-262  
Student must be concurrently enrolled in ESL 050G #2857 and ESL 099A #2725.

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

**ESL-050G Basic Grammar-ESL Writing 3.0**

Pass/No Pass only.

S 4151 07:25AM-08:40AM TTH R.Miravete Aug 20-Dec 20  
 Meets at Mountain Empire High School 3305 Buckman Springs Rd,  
 Pine Valley, 91962 room TBA. No meetings 11/19 to 11/23  
 (Thanksgiving Break).  
 2869 08:00AM-09:15AM TTH F-608 K.Salerni  
 Student must be concurrently enrolled in ESL 050 #2868 and ESL  
 099A #2728.  
 2851 09:30AM-10:45AM TTH B-258 S.Frame-Day  
 Student must be concurrently enrolled in ESL 010 #2707 and ESL  
 050 #2850.  
 2845 11:00AM-12:15PM TTH F-613 K.Salerni  
 Student must be concurrently enrolled in ESL 010 #2706 and ESL  
 050 #2843.  
 2855 11:30AM-12:50PM MW F-614 R.El malt  
 Student must be concurrently enrolled in ESL 050 #2854 and ESL  
 099A #2724.  
 2859 02:00PM-03:20PM MW B-171 G.Terrones Sanchez  
 Student must be concurrently enrolled in ESL 050 #2858 and ESL  
 099A #2726.  
 2853 03:30PM-04:45PM TTH B-172 K.Oberlander  
 Student must be concurrently enrolled in ESL 010 #2714 and ESL  
 050 #2852.  
 2857 04:45PM-06:05PM MW B-262 C.Beal  
 Student must be concurrently enrolled in ESL 050 #2856 and ESL  
 099A #2725.  
 2805 08:00AM-09:20AM MW B-154 M.Mancillas-Gomez  
 Student must be concurrently enrolled in ESL 010 #2703 and ESL  
 050 #2804. Class will be meeting in room B-162 during August and  
 September.

**ESL-099A ESL for the Workplace I 3.0**

Pass/No Pass only. Basic business English writing and  
 communication skills.

Prerequisite: Placement based on assessment.

2726 08:00AM-10:05AM M B-171 K.Salerni  
 08:00AM-08:50AM W B-171  
 09:00AM-09:50AM W B-171  
 Student must be concurrently enrolled in ESL 050 #2858 and ESL  
 050G #2859.  
 2728 12:30PM-02:20PM T F-608 H.Dalali  
 12:30PM-01:20PM TH F-608  
 01:30PM-02:20PM TH F-608  
 Student must be concurrently enrolled in ESL 050 #2868 and ESL  
 050G #2869.  
 2724 01:00PM-03:05PM M F-608 J.Lenke  
 01:00PM-01:50PM W F-608  
 02:00PM-02:50PM W F-608  
 Student must be concurrently enrolled in ESL 050 #2854 and ESL  
 050G #2855.  
 2725 02:30PM-04:35PM M B-262 M.Donan  
 02:30PM-03:20PM W B-262  
 03:30PM-04:20PM W B-262  
 Student must be concurrently enrolled in ESL 050 #2856 and ESL 050G #2857.

**ELECTRONICS TECHNOLOGY**

**+ # ET-110 Introduction Basic Electronics 4.0**

2186 09:00AM-10:15AM TTH K-101 J.Hannibal  
 10:25AM-11:40AM TTH K-101  
 9322 09:00AM-10:20AM MW K-101 J.Hannibal  
 10:30AM-11:50AM MW K-101  
 3221 09:00AM-12:05PM F K-101 W.Kwon  
 01:00PM-03:50PM F K-101  
 1231 01:00PM-02:15PM TTH K-101 J.Hannibal  
 02:25PM-03:40PM TTH K-101  
 2187 01:00PM-02:20PM MW K-101 J.Hannibal  
 02:30PM-03:50PM MW K-101

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

## GRAPHIC DESIGN

### GD-105 Fundamentals of Digital Media 3.0

Fundamentals of graphic design technology including Adobe Photoshop, Illustrator, InDesign.

Recommended Preparation: Basic computer and file management skills.

1354 TBA WEB-WEB J.Crowley

Online course; 87.5 total instructional hours.

7558 09:30AM-10:20AM TTH E-224 J.Crowley

10:30AM-11:45AM TTH E-224

2194 06:00PM-06:50PM TTH E-228 S.Fair

07:00PM-08:15PM TTH E-228

### GD-110 Graphic Design Principles 3.0

Introduction to graphic design principles; introductory portfolio development.

Prerequisite: "C" grade or higher or "Pass" in GD 105 or equivalent or two years verifiable industry experience.

Recommended Preparation: "C" grade or higher or "Pass" in ART 124 or equivalent.

4689 09:30AM-10:20AM TTH E-228 T.Bugzavich

10:30AM-11:45AM TTH E-228

### GD-126 Adobe Photoshop Digital Imag 3.0

Recommended Preparation: "C" grade or higher or "Pass" in GD 105 or equivalent.

0303 01:00PM-01:50PM TTH E-228 T.Bugzavich

02:00PM-03:15PM TTH E-228

### GD-129 Page Layout 3.0

Prerequisite: Understanding and experience with digital image types and composition.

Recommended Preparation: "C" grade or higher or "Pass" in GD 110 or equivalent.

4690 09:30AM-10:35AM M E-224 L.Redwine

10:45AM-12:00PM M E-224

09:30AM-10:20AM W E-224

10:30AM-11:45AM W E-224

### GD-210 Digital Photography I 3.0

Learn to use digital camera controls and improve composition skills. Adjustable digital camera strongly recommended.

Recommended Preparation: "C" grade or higher or "Pass" in GD 126 or equivalent, or experience using industry standard image editing software.

1357 08:00AM-09:50AM F E-228 I.Cummings

10:00AM-01:05PM F E-228

### GD-217 Web Graphics 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, GD 126 or equivalent or ability to use Adobe Photoshop to create digital images.

4691 TBA WEB-WEB M.Kotulski

Online course; 87.5 total instructional hours.

### GD-225 Digital Illustration 3.0

Recommended Preparation: "C" grade or higher or "Pass" in GD 110 or equivalent.

2195 01:00PM-02:05PM M E-224 L.Redwine

02:15PM-03:30PM M E-224

01:00PM-01:50PM W E-224

02:00PM-03:15PM W E-224

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

## GEOGRAPHY

- +# GEOG-120 Physical Geog: Earth Systems 3.0**  
 Study of Earth's dynamic natural systems.  
 S 4020 TBA S.Till Aug 16-Dec 18  
 52.5 total instructional hours. Class meeting days and times are per the 1-3 and 3-1 Bell schedules; times to be announced on the class syllabus. Class meets 1 hour and 5 minutes each class meeting. Final will be on 12/18. Contact instructor for enrollment information. Meets at Mater Dei Catholic High School, 1615 Mater Dei Dr., Chula Vista, CA, 91943 in the LaSalle Room 11. No class on 9/3, 10/10, 10/22. Thanksgiving Break is 11/21 through 11/25.  
 2167 11:00AM-12:15PM TTH H-224 C.Farano  
 2169 05:30PM-08:20PM T H-224 C.Farano
- +# 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.  
 9779 02:00PM-04:50PM T H-224 C.Farano

## GEOLOGY

- +# GEOL-104 Earth Science 3.0**  
 Study of Earth's physical systems including astronomy, geology, oceanography, meteorology and geomorphology.  
 2164 12:30PM-01:45PM TTH H-224 C.Tems

## HEALTH EDUCATION

- HED-105 Health Education for Teachers 1.0**  
 S 2156 TBA WEB-WEB D.Fisher Sep 17-Jan 18  
 Online course; 17.5 total instructional hours. Designed for dual enrollment students at Health Science High and Middle College. Contact instructor for enrollment information at douglas.fisher@gcccd.edu
- S 2157 TBA WEB-WEB L.Hollands Oct 15-Dec 08  
 Online course; 17.5 total instructional hours. Instructor contact information lucinda.hollands@gcccd.edu
- +# HED-120 Personal Health and Lifestyles 3.0**  
 1371 TBA WEB-WEB P.Thiss  
 Online course; 52.5 total instructional hours. Instructor contact information patrick.thiss@gcccd.edu
- S 1482 TBA WEB-WEB P.Farmer Oct 15-Dec 08  
 Online course, 52.5 total instructional hours. Instructor contact information pam.farmer@gcccd.edu
- S 9826 TBA WEB-WEB K.Herrin Oct 15-Dec 08  
 Online course; 52.5 total instructional hours. Instructor contact information scott.herrin@gcccd.edu
- 2146 TBA WEB-WEB D.Pauls  
 Online course, 52.5 total instructional hours. Instructor contact information danielle.pauls@gcccd.edu
- S 3098 TBA WEB-WEB A.Gonzalez Sep 17-Jan 18  
 Designed for Health Sciences High & Middle College Students. Online Course; 52.5 instructional hours. Contact instructor at annaleah.gonzalez@gcccd.edu for enrollment information.  
 1227 11:00AM-12:15PM TTH D-202 K.Herrin
- +# HED-155 Realities of Nutrition 3.0**  
 8933 TBA WEB-WEB B.Garrity  
 Online course; 52.5 total instructional hours. Email betty.garrity@gcccd.edu by 8/19.
- S 8934 TBA WEB-WEB D.Fisher Sep 17-Jan 18  
 Designed for Health Sciences High & Middle College Students. Online Course; 52.5 instructional hours. Contact instructor at douglas.fisher@gcccd.edu for enrollment information.

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

<b>+#</b>	<b>HED-158 Nutrition for Fitness &amp; Sports 3.0</b>					
	2147	TBA	WEB-WEB		K.Herrin	
	Online course, 52.5 total instructional hours. Instructor contact information scott.herrin@gcccd.edu					
<b>+#</b>	<b>HED-201 Introduction to Public Health 3.0</b>					
	1417	TBA	WEB-WEB		K.Herrin	
	Online course; 52.5 total instructional hours. Please ensure your email address is up to date with Admissions and Records in order to receive course materials. Instructor contact information scott.herrin@gcccd.edu					
	5095	TBA	WEB-WEB		K.Herrin	
	Online course; 52.5 total instructional hours. Please ensure your email address is up to date with Admissions and Records in order to receive course materials.					
S	9842	TBA	WEB-WEB		A.Gonzalez	Sep 17-Jan 18
	Designed for Health Sciences High & Middle College Students. Online Course; 52.5 instructional hours. Contact instructor at annaleah.gonzalez@gcccd.edu for enrollment information.					
	<b>HED-202 Health Professions &amp; Org</b>					
S	9757	09:00AM-12:15PM	W		HSHM-HSHM A.Gonzalez	Sep 17-Jan 18
	Meets at Health Sciences High & Middle College 3910 University Ave, San Diego, CA 92105 room 201. No meetings 11/19 to 11/23 (Thanksgiving Break) and, 12/24 to 1/4 (Winter Break). Contact instructor at annaleah.gonzalez@gcccd.edu for enrollment information.					
	0761	11:00AM-12:20PM	MW	D-202	H.Wilson	
<b>+#</b>	<b>HED-203 Substance Abuse&amp;Public Health 3.0</b>					
	0124	TBA	WEB-WEB		D.Pauls	
	Online course; 52.5 total instructional hours. Please ensure your email address is up to date with Admissions and Records in order to receive course materials.					
<b>+#</b>	<b>HED-204 Health and Social Justice 3.0</b>					
S	1117	TBA	WEB-WEB		D.Fisher	Sep 17-Jan 18
	Online course; 52.5 total instructional hours. Designed for dual enrollment students at Health Science High and Middle College. Contact instructor at douglas.fisher@gcccd.edu for enrollment information.					
S	2144	TBA	WEB-WEB		P.Kersey	Oct 15-Dec 08
	Online course; 52.5 total instructional hours. Please ensure your email address is up-to-date with Admissions and Records in order to receive course materials. Instructor contact information pam.kersey@gcccd.edu					
<b>+#</b>	<b>HED-251 Healthy Lifestyle Theory &amp; App 3.0</b>					
	Focuses on refugee health and preventive medicine issues.					
	2148	08:00AM-09:05AM	M	F-621	L.Hollands	
		09:15AM-10:35AM	M	F-621		
		08:00AM-08:50AM	W	F-621		
		09:00AM-10:20AM	W	F-621		
	9554	11:00AM-11:50AM	TTH	F-621	L.Hollands	
		12:00PM-01:15PM	TTH	F-621		

## HISTORY

<b>+#</b>	<b>HIST-100 Early World History 3.0</b>					
	Study of ancient societies and cultures from historical beginnings to 1500.					
	2543	TBA	WEB-WEB		J.Gonzalez-Meeks	
	Online course; 52.5 total instructional hours.					
	3133	09:30AM-10:50AM	MW	B-101	P.Utgaard	
	2557	06:00PM-09:05PM	TH	F-507	D.Salomon	
<b>+#</b>	<b>HIST-101 Modern World History 3.0</b>					
	2531	TBA	WEB-WEB		G.Stam	
	Online course, 52.5 total instructional hours.					
	2542	11:00AM-12:15PM	TTH	B-101	P.Utgaard	

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

- +# HIST-105 Early Western Civilization 3.0**  
 Overview of early Western Civilization from prehistory through Reformation.  
 2548 TBA WEB-WEB J.Gonzalez-Meeks  
 Online course; 52.5 total instructional hours.
- +# HIST-108 Early American History 3.0**  
 Exploration of early U.S. history from settlement through the Civil War.  
 1398 TBA WEB-WEB S.Haber  
 Online course; 52.5 total instructional hours. See [www.cuyamaca.edu/people/susan-haber/](http://www.cuyamaca.edu/people/susan-haber/) for orientation, textbook, Canvas details.  
 1400 TBA WEB-WEB S.Haber  
 Online course; 52.5 total instructional hours. See [www.cuyamaca.edu/people/susan-haber/](http://www.cuyamaca.edu/people/susan-haber/) for orientation, textbook, Canvas details.  
 1393 08:00AM-09:15AM TTH F-508 J.Jones  
 1399 09:30AM-10:50AM MW F-513 M.Gonzalez-Meeks
- +# HIST-109 Modern American History 3.0**  
 Survey of development of the U.S. from Reconstruction to the present.  
 1402 TBA WEB-WEB J.Gonzalez-Meeks  
 Online course; 52.5 total instructional hours.  
 2550 TBA WEB-WEB M.Gonzalez-Meeks  
 Online course; 52.5 total instructional hours.  
 1261 09:30AM-10:45AM TTH B-101 P.Utgaard  
 9601 11:00AM-12:20PM MW B-101 P.Utgaard
- +# HIST-118 Chicano/Chicana Perspectives I 3.0**  
 2536 11:00AM-12:20PM MW E-229 M.Gonzalez-Meeks
- +# HIST-119 Us Hist: Chicano/A Perspect II 3.0**  
 2586 09:30AM-10:45AM TTH F-507 M.Gonzalez-Meeks
- +# HIST-122 Women in Early American Hist 3.0**  
 Exploration of women in U.S. history from settlement through the Civil War.  
 2540 12:30PM-01:45PM TTH E-229 M.Gonzalez-Meeks
- +# HIST-132 Kumeyaay I: Precontact - 1900 3.0**  
 1254 05:00PM-07:50PM W SYCN-SYCN E.Banegas  
 Meets at Kumeyaay Community College, 910 Willow Glen Drive, El Cajon, CA 92019, Room-TBA. For information, please contact Lori Ring at 619-445-6917
- +# HIST-180 U.S. Hist Black Perspectives I 3.0**  
 African Americans in the U.S. from settlement to the Civil War.  
 3134 06:00PM-08:50PM T F-512 A.Tesfamariam

**HUMANITIES**

- +# HUM-110 Principles of the Humanities 3.0**  
 2560 09:30AM-10:50AM MW F-710 P.Carmona  
 2566 11:00AM-12:15PM TTH F-710 T.Carmona
- +# HUM-115 Arts-Culture in Local Context 3.0**  
 1194 09:30AM-12:35PM TH B-171 L.Brazil  
 Requires concurrent enrollment in ENGL-120 section #3177.
- +# HUM-155 World Mythology - Humanities 3.0**  
 2563 12:30PM-01:45PM TTH F-710 E.Sampson

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

## MATHEMATICS

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

Pass/No Pass only.

Prerequisite: Appropriate placement.

Corequisite: Concurrent enrollment in MATH 110 at Cuyamaca College.

9235	07:30AM-08:20AM	T	H-128	F.Watson
	08:30AM-09:45AM	T	H-119	
	08:30AM-09:45AM	TH	H-128	

Student must be concurrently enrolled in MATH 110 #9236. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

9225	01:00PM-02:05PM	M	H-139	P.Eckert
	11:00AM-12:15PM	F	H-139	
	12:25PM-01:40PM	F	H-119	

Student must be concurrently enrolled in MATH 110 #9226. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

9227	07:00PM-07:50PM	T	H-113	K.Belden-Hillery
	08:00PM-09:15PM	T	H-119	
	08:00PM-09:15PM	TH	H-113	

Student must be concurrently enrolled in MATH 110 #9228. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

### **MATH-060 Just-In-Time Support-Elm Stat 2.0**

Pass/No Pass only.

Prerequisite: Appropriate placement.

Corequisite: Concurrent enrollment in MATH 160 at Cuyamaca College.

9172	07:30AM-08:35AM	M	H-139	M.Ahsan
	07:30AM-08:20AM	W	H-139	

Student must be concurrently enrolled in MATH 160 #9173. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

9576	08:00AM-08:50AM	TTH	H-118	M.Touchet
------	-----------------	-----	-------	-----------

Student must be concurrently enrolled in MATH 160 #9577. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

9569	09:30AM-10:20AM	TTH	H-133	T.Nichols
------	-----------------	-----	-------	-----------

Student must be concurrently enrolled in MATH 160 #9570. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

9250	09:30AM-10:35AM	M	H-138	S.Condon
	09:30AM-10:20AM	W	H-138	

Student must be concurrently enrolled in MATH 160 #9251. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

9582	11:00AM-11:50AM	TTH	H-118	R.Perkins
------	-----------------	-----	-------	-----------

Student must be concurrently enrolled in MATH 160 #9583. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

2731	11:00AM-12:05PM	M	H-133	D.Curtis
	11:00AM-11:50AM	W	H-133	

Student must be concurrently enrolled in MATH 160 #2732. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

9584	02:00PM-02:50PM	TTH	H-118	T.Nichols
------	-----------------	-----	-------	-----------

Student must be concurrently enrolled in MATH 160 #9585. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

9252	06:00PM-06:50PM	TTH	H-127	A.Arroyo
------	-----------------	-----	-------	----------

Student must be concurrently enrolled in MATH 160 #9253. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

### **MATH-076 Intermediate Algebra-MATH 176 2.0**

Pass/No Pass only.

Prerequisite: Appropriate placement.

Corequisite: Concurrent enrollment in MATH 176 at Cuyamaca College.

9177	08:00AM-08:50AM	TTH	H-113	G.Creswell
------	-----------------	-----	-------	------------

Student must be concurrently enrolled in MATH 176 #9178. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

0762	08:00AM-09:05AM	M	H-113	B.Elliott
	08:00AM-08:50AM	W	H-113	

Student must be concurrently enrolled in MATH 176 #0763. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

2733	01:30PM-02:35PM	M	H-113	A.Krauss
	01:30PM-02:20PM	W	H-113	

Student must be concurrently enrolled in MATH 176 #2738. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

**MATH-078 Intermediate Algebra-MATH 178 2.0**

Pass/No Pass only.

Prerequisite: Appropriate placement.

Corequisite: Concurrent enrollment in MATH 178 at Cuyamaca College.

9179 12:30PM-01:20PM TTH H-139 C.Navro  
Student must be concurrently enrolled in MATH 178 #9180. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

**MATH-096 Preparation - Elem Statistics 6.0**

Pass/No Pass only.

An accelerated one-course pathway to transfer-level Statistics (Math 160). This is a new approach designed specifically for students who do NOT intend to major in math, science, engineering or business.

7481 09:30AM-12:20PM TTH H-139 R.Polakoski  
9790 06:00PM-09:10PM M H-139 V.Hergul  
06:00PM-08:50PM W H-139

**# MATH-110 Int Algebra Bus,Math,Sci,Engr 5.0**

Prerequisite: Grade of "Pass" in MATH 090 or equivalent.

9236 07:30AM-09:35AM M H-128 F.Watson  
07:30AM-09:20AM W H-128  
07:30AM-08:20AM TH H-128  
Student must be concurrently enrolled in MATH 010 #9235. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.  
1446 08:00AM-10:15AM TTH H-134 R.Stevens  
9226 11:00AM-12:50PM M H-139 P.Eckert  
11:00AM-02:05PM W H-139

Student must be concurrently enrolled in MATH 010 #9225. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.  
1448 12:30PM-02:45PM TTH H-127 K.Sherer  
1445 12:30PM-02:50PM MW H-118 M.Balegh  
9228 05:00PM-06:50PM T H-113 K.Belden-Hillery  
05:00PM-07:50PM TH H-113

Student must be concurrently enrolled in MATH 010 #9227. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.  
1450 06:00PM-08:20PM MW H-138 M.Balegh

**# MATH-125 Structure&Concept Elem Math I 3.0**

Prerequisite: "C" grade or higher or "Pass" in MATH 103 or 110 or equivalent.

2745 05:00PM-06:50PM T H-139 R.Perkins  
05:00PM-05:50PM TH H-139  
06:00PM-06:50PM TH H-139

**+ # MATH-160 Elementary Statistics 4.0**

Prerequisite: "C" grade or higher or "Pass" in MATH 096 or 103 or 110 or equivalent.

S 1325 TBA WEB-WEB B.Elliott Aug 20-Oct 13

Online course; 70 total instructional hours. Please read syllabus for more information BEFORE enrolling. Mandatory orientation, class details at [www.cuyamaca.edu/bryan.elliott](http://www.cuyamaca.edu/bryan.elliott). Mandatory orientation must be completed no later than 11:59pm on first day of class (or within 24 hours if you add after first day of class). Registration in MyStatLab course management system required. Instructor email: [bryan.elliott@gcccd.edu](mailto:bryan.elliott@gcccd.edu)

S 8177 TBA WEB-WEB B.Elliott Aug 20-Oct 13

Online course; 70 total instructional hours. Please read syllabus for more information BEFORE enrolling. Mandatory orientation, class details at [www.cuyamaca.edu/bryan.elliott](http://www.cuyamaca.edu/bryan.elliott). Mandatory orientation must be completed no later than 11:59pm on first day of class (or within 24 hours if you add after first day of class). Registration in MyStatLab course management system required. Instructor email: [bryan.elliott@gcccd.edu](mailto:bryan.elliott@gcccd.edu)

S 1469 TBA WEB-WEB H.Noble Sep 17-Dec 08

Online course; 70 total instructional hours.  
Final exam given face-to-face 12/7, room and time TBA. Contact instructor at [helen.noble@gcccd.edu](mailto:helen.noble@gcccd.edu) for required orientation information.

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

(MATH-160 continued)

S	8890	TBA	WEB-WEB	B.Elliott	Oct 15-Dec 08
	Online course; 70 total instructional hours. Please read syllabus for more information BEFORE enrolling. Mandatory orientation, class details at <a href="http://www.cuyamaca.edu/bryan.elliott">www.cuyamaca.edu/bryan.elliott</a> . Mandatory orientation must be completed no later than 11:59pm on first day of class (or within 24 hours if you add after first day of class). Registration in MyStatLab course management system required. Instructor email: <a href="mailto:bryan.elliott@gcccd.edu">bryan.elliott@gcccd.edu</a>				
	1462	07:30AM-09:20AM	TTH	H-133 S.Sikder	
S	1066	08:20AM-10:30AM	M	RVCS-RVCS R.Polakoski	Aug 20-Dec 21
		08:20AM-09:30AM	WF	RVCS-RVCS	
	Meets at River Valley Charter School 9707 Marilla Drive Lakeside, CA 92040 in the Media Center, building/room 4. Contact instructor for enrollment information. No meetings 8/22, 9/12, 9/14, 9/28, 10/17, 10/19, 11/2, 11/16, 11/19 to 11/23 (Thanksgiving Break), 12/19, and 12/21.				
S	9596	08:25AM-12:30PM	F	HSHM-HSHM A.Nguyen	Sep 10-Jan 18
	Meets at Health Sciences High & Middle College 3910 University Ave, San Diego, CA 92105 room 200B. No meetings 11/19 to 11/23 (Thanksgiving Break) and, 12/24 to 1/4 (Winter Break). Contact instructor for enrollment information.				
	9173	08:45AM-10:35AM	M	H-139 M.Ahsan	
		08:30AM-10:35AM	W	H-139	
	Student must be concurrently enrolled in MATH 060 #9172. See <a href="https://tinyurl.com/y8htfmkk">https://tinyurl.com/y8htfmkk</a> for an easy to read math schedule.				
	9577	09:00AM-10:50AM	TTH	H-118 M.Touchet	
	Student must be concurrently enrolled in MATH 060 #9576. See <a href="https://tinyurl.com/y8htfmkk">https://tinyurl.com/y8htfmkk</a> for an easy to read math schedule.				
	2750	09:30AM-11:20AM	TTH	H-127 A.Schraff	
	9570	10:30AM-12:20PM	TTH	H-133 T.Nichols	
	Student must be concurrently enrolled in MATH 060 #9569. See <a href="https://tinyurl.com/y8htfmkk">https://tinyurl.com/y8htfmkk</a> for an easy to read math schedule.				
	9251	10:45AM-12:35PM	M	H-138 S.Condon	
		10:30AM-12:35PM	W	H-138	
	Student must be concurrently enrolled in MATH 060 #9250. See <a href="https://tinyurl.com/y8htfmkk">https://tinyurl.com/y8htfmkk</a> for an easy to read math schedule.				
	7486	11:00AM-01:05PM	M	H-134 A.Nguyen	
		11:00AM-12:50PM	W	H-134	
	9583	12:00PM-01:50PM	TTH	H-118 R.Perkins	
	Student must be concurrently enrolled in MATH 060 #9582. See <a href="https://tinyurl.com/y8htfmkk">https://tinyurl.com/y8htfmkk</a> for an easy to read math schedule.				
	2732	12:15PM-02:05PM	M	H-133 D.Curtis	
		12:00PM-02:05PM	W	H-133	
	Student must be concurrently enrolled in MATH 060 #2731. See <a href="https://tinyurl.com/y8htfmkk">https://tinyurl.com/y8htfmkk</a> for an easy to read math schedule.				
	5507	12:30PM-02:20PM	TTH	H-128 A.Arroyo	
	1463	12:30PM-02:35PM	M	H-128 S.Ruderman	
		12:30PM-02:20PM	W	H-128	
	1461	02:30PM-04:20PM	TTH	H-128 R.Polakoski	
	9585	03:00PM-04:50PM	TTH	H-118 T.Nichols	
	Student must be concurrently enrolled in MATH 060 #9584. See <a href="https://tinyurl.com/y8htfmkk">https://tinyurl.com/y8htfmkk</a> for an easy to read math schedule.				
	8016	06:00PM-08:05PM	M	H-114 S.Youssef	
		06:00PM-07:50PM	W	H-114	
	9253	07:00PM-08:50PM	TTH	H-127 A.Arroyo	
	Student must be concurrently enrolled in MATH 060 #9252. See <a href="https://tinyurl.com/y8htfmkk">https://tinyurl.com/y8htfmkk</a> for an easy to read math schedule.				

**+ # MATH-170 Analytic Trigonometry 3.0**

Prerequisite: "C" grade or higher or "Pass" in MATH 110  
or equivalent.

	9781	11:00AM-12:15PM	TTH	H-134 P.Eckert	
S	9764	11:30AM-02:45PM	M	HSHM-HSHM M.Ahsan	Sep 10-Jan 18
	Meets at Health Sciences High & Middle College 3910 University Ave, San Diego, CA 92105 room 200B. No meetings 11/19 to 11/23 (Thanksgiving Break) and, 12/24 to 1/4 (Winter Break). Contact instructor for enrollment information.				

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

<b>+#</b>	<b>MATH-176 Precalculus-Functions &amp; Graphs 6.0</b>			
	Prerequisite: "C" grade or higher or "Pass" in MATH 110 or equivalent (MATH 103 does not meet the prerequisite).			
	2752	07:00AM-09:50AM	TTH	H-138 L.Terbell
	9178	09:00AM-11:50AM	TTH	H-113 G.Creswell
	Student must be concurrently enrolled in MATH 076 #9177. See <a href="https://tinyurl.com/y8htfmkk">https://tinyurl.com/y8htfmkk</a> for an easy to read math schedule.			
	0763	09:15AM-12:05PM	M	H-113 B.Elliott
		09:00AM-12:10PM	W	H-113
	Student must be concurrently enrolled in MATH 076 #0762. See <a href="https://tinyurl.com/y8htfmkk">https://tinyurl.com/y8htfmkk</a> for an easy to read math schedule.			
	9784	09:30AM-12:40PM	M	H-127 S.Rodriguez
		09:30AM-12:20PM	W	H-127
	2738	12:30PM-01:20PM	MW	H-113 A.Krauss
		12:30PM-02:20PM	TTH	H-113
	Student must be concurrently enrolled in MATH 076 #2733. See <a href="https://tinyurl.com/y85oe8x8">https://tinyurl.com/y85oe8x8</a> for math 176+076 schedule.			
	9795	01:00PM-03:50PM	TTH	H-138 P.Eckert
	1328	02:00PM-04:50PM	TTH	H-114 C.Koether
	9195	06:00PM-09:10PM	M	H-113 S.Ruderman
		06:00PM-08:50PM	W	H-113
<b>+#</b>	<b>MATH-178 Calculus Bus, Soc &amp; Behav Sci 4.0</b>			
	Prerequisite: "C" grade or higher or "Pass" in MATH 110 or equivalent (MATH 103 does not meet the prerequisite).			
	9786	08:00AM-09:50AM	TTH	H-114 K.Sherer
	9180	01:30PM-03:20PM	TTH	H-139 C.Navo
	Student must be concurrently enrolled in MATH 078 #9179. See <a href="https://tinyurl.com/y8htfmkk">https://tinyurl.com/y8htfmkk</a> for an easy to read math schedule.			
	9787	03:30PM-05:35PM	M	H-114 H.Nguyen
		03:30PM-05:20PM	W	H-114
<b>+#</b>	<b>MATH-180 Analytic Geometry &amp; Calculus I 5.0</b>			
	Prerequisite: "C" grade or higher or "Pass" in MATH 170 and 175, or MATH 176 or equivalent			
	9789	10:00AM-12:15PM	TTH	H-128 L.Raffo
	9788	10:00AM-12:20PM	MW	H-128 T.Nichols
	0764	12:30PM-02:50PM	MW	H-114 C.Navo
	9196	02:30PM-04:45PM	TTH	H-134 L.Raffo
	2756	06:00PM-08:20PM	MW	H-133 H.Nguyen
<b>+#</b>	<b>MATH-245 Discrete Mathematics 3.0</b>			
	Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent.			
	0765	08:00AM-09:20AM	MW	H-138 D.Curtis
<b>+#</b>	<b>MATH-280 Analytic Geometry&amp;Calculus II 4.0</b>			
	Prerequisite: "C" grade or higher or "Pass" in MATH 180 or equivalent.			
	9791	10:00AM-11:50AM	TTH	H-138 S.Sikder
	9792	10:00AM-12:05PM	M	H-118 C.Navo
		10:00AM-11:50AM	W	H-118
	1329	06:00PM-07:50PM	TTH	H-138 S.Condon
<b>+#</b>	<b>MATH-281 Multivariable Calculus 4.0</b>			
	Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent.			
	7487	10:00AM-11:50AM	TTH	H-114 C.Navo
	9793	10:00AM-12:05PM	M	H-114 L.Raffo
		10:00AM-11:50AM	W	H-114
<b>+#</b>	<b>MATH-284 Linear Algebra 3.0</b>			
	Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent.			
	9794	12:30PM-01:45PM	TTH	H-114 D.Curtis
	0766	02:30PM-03:50PM	MW	H-139 R.Polakoski

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

**+# MATH-285 Differential Equations 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent.  
 0767 08:00AM-09:15AM TTH H-127 A.Schraff  
 7709 01:00PM-02:20PM MW H-138 L.Raffo

**MUSIC**

**MUS-001 Music Fundamentals 4.0**  
 3498 09:00AM-10:50AM T B-209 E.Jordan  
 09:00AM-10:50AM TH B-209

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

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

**MUS-106 Music Theory and Practice II 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in MUS 105 or equivalent.  
 3136 09:00AM-09:50AM TTHF B-312 J.Sepulvado  
 10:00AM-10:50AM TTHF B-312

**MUS-108 Rock, Pop and Soul Ensemble 1.0**  
 Prerequisite: Audition  
 4727 06:00PM-07:50PM M B-209 D.Bigham  
 08:00PM-09:35PM M B-209  
 Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: david.bigham@gcccd.edu for audition information.

**MUS-109 Rock, Pop and Soul Ensemble 1.0**  
 Prerequisite: Audition  
 9451 06:00PM-07:50PM M B-209 D.Bigham  
 08:00PM-09:35PM M B-209  
 Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email david.bigham@gcccd.edu for audition information.

**+# MUS-110 Great Music Listening 3.0**  
 2641 TBA WEB-WEB H.Vorwerck  
 Online course; 52.5 total instructional hours.  
 S 2663 TBA WEB-WEB H.Vorwerck Aug 20-Oct 13  
 Online course; 52.5 total instructional hours.  
 S 4101 TBA WEB-WEB H.Vorwerck Oct 15-Dec 08  
 Online course; 52.5 total instructional hours.  
 2662 09:30AM-10:50AM MW B-301 J.Sepulvado  
 2659 11:00AM-12:15PM TTH B-301 J.Sepulvado

**+# MUS-111 History of Jazz 3.0**  
 S 8009 TBA WEB-WEB S.Walton Aug 20-Oct 13  
 Online course; 52.5 total instructional hours. See [www.cuyamaca.edu/scott.walton](http://www.cuyamaca.edu/scott.walton) for orientation. Assignments are due at end of first week.  
 S 2628 TBA TTH WEB-WEB S.Walton Oct 15-Dec 08  
 Online course; 52.5 total instructional hours.

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

**+# MUS-115 History of Rock Music 3.0**  
 S 2664 TBA WEB-WEB S.Walton Oct 15-Dec 15  
 Online course; 52.5 total instructional hours. See [www.cuyamaca.edu/scott.walton](http://www.cuyamaca.edu/scott.walton) for orientation. Assignments are due at end of first week.  
 2667 TBA WEB-WEB D.Bigham  
 Online course; 52.5 total instructional hours.  
 S 3135 TBA WEB-WEB A.Hacker Aug 20-Oct 13  
 Online course; 52.5 total instructional hours.  
 2665 09:30AM-10:45AM TTH B-301 D.McCulloch  
 2666 09:30AM-10:50AM MW B-312 T.Smith

**+# MUS-116 Introduction to World Music 3.0**  
 S 1275 TBA WEB-WEB A.Hacker Aug 20-Oct 13  
 Online course; 52.5 total instructional hours.  
 S 7530 TBA WEB-WEB A.Hacker Oct 15-Dec 08  
 Online course; 52.5 total instructional hours.

**MUS-119 Coop Work Exp Music Education**  
 9646 TBA J.Sepulvado  
 For enrollment information contact [james.sepulvado@gcccd.edu](mailto:james.sepulvado@gcccd.edu)  
 1 unit=75 hours paid/60 hours unpaid work experience.  
 8535 TBA J.Sepulvado  
 For enrollment information contact [james.sepulvado@gcccd.edu](mailto:james.sepulvado@gcccd.edu)  
 2 units=150 hours paid/120 hours unpaid work experience.  
 8536 TBA J.Sepulvado  
 For enrollment information contact [james.sepulvado@gcccd.edu](mailto:james.sepulvado@gcccd.edu)  
 3 units=225 hours paid/180 hours unpaid work experience.  
 8538 TBA J.Sepulvado  
 For enrollment information contact [james.sepulvado@gcccd.edu](mailto:james.sepulvado@gcccd.edu)  
 4 units=300 hours paid/240 hours unpaid work experience.

**MUS-120 Intro to Music Technology 3.0**  
 Recommended Preparation: "C" grade or higher or "Pass" in MUS 001 or equivalent.  
 4709 01:00PM-03:50PM T B-209 D.McCulloch  
 01:00PM-02:50PM TH B-209

**MUS-121 Music Industry Seminar 1.0**  
 4730 01:15PM-02:50PM F B-312 T.Smith  
 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**  
 9439 01:15PM-02:50PM F B-312 T.Smith  
 Plus 24 hours of rehearsals, public performances and events to be arranged with the instructor during the semester.

**MUS-126 Class Guitar I 2.0**  
 2668 01:00PM-01:50PM TTH B-301 J.Davis

**MUS-127 Class Guitar II 2.0**  
 Prerequisite: "C" grade or higher or "Pass" in MUS 126 or equivalent.  
 2670 01:00PM-01:50PM TTH B-301 J.Davis

**MUS-132 Class Piano I 3.0**  
 2777 01:00PM-02:20PM MW B-209 M.Nelson

**MUS-133 Class Piano II 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in MUS 132 or equivalent.  
 2671 02:30PM-03:50PM MW B-209 M.Nelson

**MUS-152 Concert Band 1.0**  
 Prerequisite: Audition  
 2688 06:30PM-08:00PM T B-117 J.Sepulvado  
 08:10PM-09:35PM T B-117  
 Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email instructor for audition information.

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

**MUS-153 Concert Band 1.0**  
 Prerequisite: Audition  
 2693 06:30PM-08:00PM T B-117 J.Sepulvado  
 08:10PM-09:35PM T B-117  
 Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email instructor for audition information.

**MUS-158 Chorus 1.0**  
 Prerequisite: Audition  
 5155 05:30PM-07:00PM W B-120 P.May  
 07:10PM-08:35PM W B-120  
 Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email paul.infantino@gcccd.edu for audition information.

**MUS-159 Chorus 1.0**  
 Prerequisite: Audition  
 5156 05:30PM-07:00PM W B-120 P.May  
 07:10PM-08:35PM W B-120  
 Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email paul.infantino@gcccd.edu for audition information.

**MUS-161 Coop Work Exp Music Industry**  
 9642 TBA J.Sepulvado  
 For enrollment information contact james.sepulvado@gcccd.edu  
 1 unit=75 hours paid/60 hours unpaid work experience.  
 8539 TBA J.Sepulvado  
 For enrollment information contact james.sepulvado@gcccd.edu  
 2 units=150 hours paid/120 hours unpaid work experience.  
 8541 TBA J.Sepulvado  
 For enrollment information contact james.sepulvado@gcccd.edu  
 3 units=225 hours paid/180 hours unpaid work experience.  
 8542 TBA J.Sepulvado  
 For enrollment information contact james.sepulvado@gcccd.edu  
 4 units=300 hours paid/240 hours unpaid work experience.

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

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

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

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

**MUS-208 Rock, Pop and Soul Ensemble 1.0**  
 Prerequisite: Audition  
 9452 06:00PM-07:50PM M B-209 D.Bigham  
 08:00PM-09:35PM M B-209  
 Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email david.bigham@gcccd.edu for audition information.

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

**MUS-209 Rock, Pop and Soul Ensemble 1.0**  
 Prerequisite: Audition  
 5447 06:00PM-07:50PM M B-209 D.Bigham  
 08:00PM-09:35PM M B-209  
 Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email david.bigham@gcccd.edu for audition information.

**MUS-221 Music Industry Seminar 1.0**  
 9442 01:15PM-02:50PM 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**  
 5154 01:15PM-02:50PM 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.  
 2686 02:30PM-03:50PM MW B-209 M.Nelson

**MUS-233 Class Piano IV 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in MUS 232 or equivalent.  
 2687 02:30PM-03:50PM MW B-209 M.Nelson

**MUS-252 Concert Band 1.0**  
 Prerequisite: Audition  
 2700 06:30PM-08:00PM T B-117 J.Sepulvado  
 08:10PM-09:35PM T B-117  
 Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email instructor for audition information.

**MUS-253 Concert Band 1.0**  
 Prerequisite: Audition  
 2701 06:30PM-08:00PM T B-117 J.Sepulvado  
 08:10PM-09:35PM T B-117  
 Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email instructor for audition information.

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

**MUS-259 Chorus 1.0**  
 Prerequisite: Audition  
 5158 05:30PM-07:00PM W B-120 P.May  
 07:10PM-08:35PM W B-120  
 Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. Audition required: email paul.infantino@gcccd.edu for audition information.

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

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

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

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

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

## **NATIVE AMERICAN LANGUAGES**

- +# NAKY-120 Kumeyaay I 4.0**  
1475 05:00PM-09:05PM F S.Rodriguez  
Meets at Campo Education Center 36209 Church Road  
Campo, CA 91906, Room TBA.
- +# NAKY-121 Kumeyaay II 4.0**  
Prerequisite: "C" grade or higher or "Pass" in NAKY 120 or equivalent.  
1253 05:00PM-09:20PM M SYCN-SYCN S.Rodriguez  
Meets at Kumeyaay Community College, 910 Willow Glen Drive, El  
Cajon, CA 92019, Room-TBA. For information, please contact Lori  
Ring at 619-445-6917
- +# NAKY-220 Kumeyaay III 4.0**  
Prerequisite: "C" grade or higher or "Pass" in NAKY 121 or equivalent.  
9399 05:00PM-09:20PM M SYCN-SYCN S.Rodriguez  
Meets at Kumeyaay Community College, 910 Willow Glen Drive, El  
Cajon, CA 92019, Room-TBA. For information, please contact Lori  
Ring at 619-445-6917

## **OCEANOGRAPHY**

- +# OCEA-112 Introduction to Oceanography 3.0**  
Study of Earth's dynamic ocean environment.  
S 2763 09:00AM-12:15PM F H-224 S.Webb Sep 17-Jan 18  
Designed for dual enrollment students at Health Science High and  
Middle College. No meetings 11/19 to 11/23 (Thanksgiving Break)  
and, 12/24 to 1/4 (Winter Break). Contact instructor for  
enrollment information.  
2160 11:00AM-12:20PM MW H-224 C.Tems  
2162 12:30PM-01:50PM MW H-224 C.Tems
- +# OCEA-113 Oceanography Laboratory 1.0**  
Applications and investigations of Earth's dynamic ocean  
environment.  
Prerequisite: "C" grade or higher or "Pass" in OCEA 112 or  
equivalent or concurrent enrollment.  
9796 02:00PM-04:50PM W H-224 C.Tems

## **ORNAMENTAL HORTICULTURE**

**OH-114 Floral Design I 3.0**  
Theory/practice of basic and contemporary floral designs and  
business practices. \$150 fresh flower fee allows students to  
keep their floral arrangements; payment plan available when  
registering.  
0178 04:00PM-06:05PM M M-105 D.Citrowske  
06:15PM-09:05PM M M-105

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

**OH-118 Special Occasion Floral Design 3.0**

Floral designing and business practices for traditional holidays, special events, party planning. \$200 fresh flower fee allows students to keep their arrangements; payment plan available when registering.

Prerequisite: "C" grade or higher or "Pass" in OH 114 or equivalent or one year high school floral design or trade experience.

2198	04:00PM-05:50PM	T	M-105	D.Citrowske
	06:00PM-08:50PM	T	M-105	

**OH-120 Fundamentals Ornamental Hort 3.0**

Plant structure, soils, fertilizers, basic horticultural practices.

3662	05:00PM-07:15PM	M	M-111	L.Rottke
	08:00AM-12:00PM	S	M-111	
	12:30PM-03:45PM	S	M-111	

Saturday morning and afternoon are one class meeting 8/25, 9/8, 9/22, 10/6, 10/20, 11/3, 12/1.

**OH-120A Fundamentals OH - Apprentice 3.0**

Prerequisite: Student is a registered State indentured apprentice.

3663	05:00PM-07:15PM	M	M-111	L.Rottke
	08:00AM-12:00PM	S	M-111	
	12:30PM-03:45PM	S	M-111	

This course is part of a state approved apprenticeship and is open to students accepted into the apprenticeship program. Contact Abigail Allen @ Abigallallen@gmail.com for more information. Saturday morning and afternoon are one class meeting 8/25, 9/8, 9/22, 10/6, 10/20, 11/3, 12/1.

**OH-121 Plant Propagation 3.0**

3690	05:00PM-07:05PM	TH	M-105	A.Huie
	08:00AM-12:00PM	S	M-105	
	12:30PM-03:45PM	S	M-105	

Saturday morning and afternoon are one class meeting 9/1, 9/15, 9/29, 10/13, 10/27, 11/17, 12/8.

**OH-130 Plant Pest Control 3.0**

4087	05:00PM-06:50PM	T	M-111	L.Rottke
	08:00AM-12:00PM	S	M-111	
	12:30PM-03:45PM	S	M-111	

Saturday morning and afternoon are one class meeting 9/1, 9/15, 9/29, 10/13, 10/27, 11/17, 12/8.

**OH-130A Plant Pest Ctrl - Apprentices 3.0**

Prerequisite: Student is a registered State indentured apprentice.

4088	05:00PM-06:50PM	T	M-111	L.Rottke
	08:00AM-12:00PM	S	M-111	
	12:30PM-03:45PM	S	M-111	

This course is part of a state approved apprenticeship and is open to students accepted into the apprenticeship program. Contact Abigail Allen @ Abigallallen@gmail.com for more information. Saturday morning and afternoon are one class meeting 9/1, 9/15, 9/29, 10/13, 10/27, 11/17, 12/8.

**OH-170 Plant Materials: Trees, Shrubs 3.0**

Identification, cultural characteristics of 125 landscape trees and shrubs.

3657	02:00PM-04:50PM	W	M-111	T.Faulstich
------	-----------------	---	-------	-------------

**OH-200 Intro to CAD Landscape Design 3.0**

Computer-aided designs for landscape.

2201	12:00PM-02:50PM	F	F-601	K.Sumek
------	-----------------	---	-------	---------

Additional 2 instructional hours/week via internet. Also listed as CADD-200-2203

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

**OH-201 Advanced CAD Landscape Design 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in CADD/OH 200 or equivalent.  
 1021 12:00PM-02:50PM F F-601 K.Sumek  
 Additional 2 instructional hours/week via internet. Also listed as CADD-201-1022

**OH-235 Landscape Irrigation 4.0**  
 Irrigation hydraulics and system components necessary for irrigation design.  
 0791 05:00PM-08:50PM W M-105 T.Groot

**OH-235A Landscape Irrig-Apprentices 4.0**  
 Prerequisite: Student is a registered State indentured apprentice.  
 0792 05:00PM-08:50PM W M-105 T.Groot  
 This course is part of a state approved apprenticeship and is open to students accepted into the apprenticeship program. Contact Abigail Allen @ Abigaillallen@gmail.com for more information.

**OH-263 Urban Forestry 1.0**  
 S 3048 05:00PM-06:30PM TH M-111 L.Rottke Oct 29-Dec 08  
 08:00AM-12:00PM S M-100  
 12:30PM-04:45PM S M-100  
 Saturday morning and afternoon are one class meeting 11/17, 12/08.

**OH-264 Safe Tree Climbing Practices 1.0**  
 S 1020 08:30AM-10:00AM S M-100 J.Bedoya Aug 27-Oct 27  
 10:30AM-03:20PM S M-100  
 Saturday morning and afternoon are one class meeting 9/1, 9/15, 9/29, 10/13, 10/27

**OH-266 Science Practice Arboriculture 1.0**  
 S 3228 05:00PM-06:30PM TH M-111 L.Rottke Aug 20-Oct 27

**OH-290 Cooperative Work Experience**  
 Work experience in local horticulture industry for OH majors.  
 1535 TBA T.Faulstich  
 Required orientation 8/17, 5pm in M105; second class meeting TBA. 1 unit=75 hours paid/60 hours unpaid work experience.  
 1536 TBA T.Faulstich  
 Required orientation 8/17, 5pm in M105; second class meeting TBA. 2 units=150 hours paid/120 hours unpaid work experience.  
 1537 TBA T.Faulstich  
 Required orientation 8/17, 5pm in M105; second class meeting TBA. 3 units=225 hours paid/180 hours unpaid work experience.  
 1538 TBA T.Faulstich  
 Required orientation 8/17, 5pm in M105; second class meeting TBA. 4 units=300 hours paid/240 hours unpaid work experience.

## PARALEGAL STUDIES

**PARA-100 Intro to Paralegal Studies 3.0**  
 1540 06:30PM-08:35PM M E-223 M.Sessom  
 Additional 1 instructional hour/week via Internet. Email mary.sessom@gcccd.edu for details.

**PARA-125 Business Organizations 1.0**  
 S 2826 TBA WEB-WEB S.Spaulding Oct 01-Nov 03  
 Online course; 17.5 total instructional hours.

**PARA-130 Legal Research and Writing 3.0**  
 \$30 legal database fee due at registration.  
 Prerequisite: "C" grade or higher or "Pass" in PARA 100 or equivalent.  
 1543 06:30PM-09:40PM M E-231 B.Baker

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

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

**PARA-150 Family Law 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in PARA 100 or equivalent.  
 2213 06:30PM-09:20PM W E-231 D.Dellacqua

**PARA-160 Personal Injury 1.0**  
 Prerequisite: "C" grade or higher or "Pass" in PARA 100 or equivalent.  
 S 2833 TBA WEB-WEB E.Sturgeon Aug 20-Sep 22  
 Online course; 17.5 total instructional hours. This course will be taught using Canvas.

**PARA-170 Workers' Compensation 1.0**  
 Prerequisite: "C" grade or higher or "Pass" in PARA 100 or equivalent.  
 S 2839 TBA WEB-WEB H.Rucker Nov 05-Dec 08  
 Online course; 17.5 total instructional hours.

**PARA-250 Internship**  
 Prerequisite: "C" grade or higher or "Pass" in PARA 100 or equivalent.  
 2210 TBA D.Adjadj  
 Two mandatory meetings; 8/20 and 10/8 at 6-6:20pm room E-231.  
 1 unit=75 hours paid/60 hours unpaid work experience.  
 2211 TBA D.Adjadj  
 Two mandatory meetings; 8/20 and 10/8 at 6-6:20pm room E-231.  
 2 units=150 hours paid/120 hours unpaid work experience.  
 2212 TBA D.Adjadj  
 Two mandatory meetings; 8/20 and 10/8 at 6-6:20pm room E-231.  
 3 units=225 hours paid/180 hours unpaid work experience.

**PERSONAL DEV-SPECIAL SERVICES**

**PDSS-096 Cognitive Communication Skills 1.0**  
 Pass/No Pass only. Recommended for students with disabilities.  
 1574 10:00AM-10:50AM F A-112 M.Jones

**PHILOSOPHY**

**+# PHIL-110 A General Intro to Philosophy 3.0**  
 2567 TBA WEB-WEB J.Thompson  
 Online course; 52.5 total instructional hours. Contact [jessica.thompson@gcccd.edu](mailto:jessica.thompson@gcccd.edu) for details by 8/17.  
 2570 09:30AM-10:45AM TTH F-716 C.Hammond  
 2573 06:00PM-08:50PM W F-716 D.Hull

**+# PHIL-125 Critical Thinking 3.0**  
 2574 09:30AM-10:50AM MW F-716 J.Thompson

**+# PHIL-130 Logic 3.0**  
 2577 TBA WEB-WEB C.Hammond  
 Online course; 52.5 total instructional hours.  
 2576 11:00AM-12:15PM TTH F-716 C.Hammond

**+# PHIL-140 Problems in Ethics 3.0**  
 7785 TBA WEB-WEB C.Hammond  
 Online course; 52.5 total instructional hours. Contact [courtney.hammond@gcccd.edu](mailto:courtney.hammond@gcccd.edu) for details by 8/17.

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

## PHYSICS

<b>+#</b>	<b>PHYC-130 Fundamentals of Physics</b>	<b>4.0</b>		
	Prerequisite: "C" grade or higher or "Pass" or concurrent enrollment in MATH 180 or equivalent.			
	2159	05:30PM-06:45PM	TTH	F-408 S.Stambach
		07:00PM-09:50PM	T	H-223
	2158	05:30PM-06:45PM	TTH	F-408 S.Stambach
		07:00PM-09:50PM	TH	H-223
<b>+#</b>	<b>PHYC-190 Mechanics and Heat</b>	<b>5.0</b>		
	Prerequisite: "C" grade or higher or "Pass" in MATH 180 or equivalent or concurrent enrollment.			
	Recommended Preparation: Concurrent enrollment in MATH 280.			
	1702	08:00AM-10:05AM	M	H-223 M.Simpson
		02:45PM-05:35PM	M	H-223
		08:00AM-09:50AM	W	H-223
	9273	10:00AM-11:50AM	TTH	H-223 J.Riley
		12:00PM-03:05PM	F	H-223
	3880	12:30PM-02:35PM	M	H-223 M.Simpson
		12:30PM-02:20PM	W	H-223
		02:30PM-05:20PM	W	H-223
<b>+#</b>	<b>PHYC-200 Electricity and Magnetism</b>	<b>5.0</b>		
	Prerequisite: "C" grade or higher or "Pass" in PHYC 190 or equivalent; "C" grade or higher or "Pass" in MATH 280 or equivalent or concurrent enrollment.			
	Recommended Preparation: Concurrent enrollment in MATH 281.			
	1705	08:00AM-09:50AM	TTH	H-223 J.Chepin
		03:30PM-06:20PM	T	H-223
	0147	10:15AM-12:20PM	M	H-223 G.Tartakovsky
		10:15AM-12:05PM	W	H-223
		09:00AM-11:50AM	F	H-223
	9275	05:00PM-07:05PM	M	H-127 K.Murray
		05:00PM-06:50PM	W	H-127
		07:00PM-09:50PM	W	H-223
<b>+#</b>	<b>PHYC-210 Wave Motion and Modern Physics</b>	<b>5.0</b>		
	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.			
	0148	01:30PM-03:20PM	TTH	H-223 D.Tibbets
		03:30PM-06:20PM	TH	H-223

## POLITICAL SCIENCE

<b>+#</b>	<b>POSC-120 Politics &amp; Political Analysis</b>	<b>3.0</b>		
	Basic approaches, perspectives and techniques of the political scientist.			
	2512	09:30AM-10:45AM	TTH	F-512 R.Montano
<b>+#</b>	<b>POSC-121 Intro to U.S. Govt &amp; Politics</b>	<b>3.0</b>		
	Introduction to concepts and structures of U.S. government and politics.			
	1712	TBA	WEB-WEB	J.Mercurio
	Online course, 52.5 total instructional hours. Email john.mercurio@gcccd.edu.			
S	3999	09:20AM-12:35PM	F	HSBM-HSBM R.Montano Sep 17-Jan 18
	Meets at Health Sciences High & Middle College 3910 University Ave, San Diego, CA 92105 room TBA. No meetings 11/19 to 11/23 (Thanksgiving Break) and, 12/24 to 1/4 (Winter Break). Contact instructor for enrollment information.			
	1710	11:00AM-12:20PM	MW	F-512 J.Vazquez
	2115	12:30PM-01:45PM	TTH	F-512 R.Montano
<b>+#</b>	<b>POSC-124 Comparative Govt and Politics</b>	<b>3.0</b>		
	2507	12:30PM-01:50PM	MW	F-512 J.Vazquez

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

## PSYCHOLOGY

- +# PSY-120 Introductory Psychology 3.0**  
 The science of human behavior, thought and emotion.  
 2578 TBA WEB-WEB T.Doyle  
 Online course; 52.5 total instructional hours.  
 2579 TBA WEB-WEB T.Doyle  
 Online course; 52.5 total instructional hours.  
 1715 08:00AM-09:15AM TTH B-101 S.Weinert  
 1714 08:00AM-09:20AM MW B-101 S.Weinert  
 Class meets in the Digital Theatre B101.
- S 1258 09:00AM-12:30PM M HSHM-HSHM J.Jones Sep 17-Jan 18  
 Meets at Health Sciences High & Middle College 3910 University Ave, San Diego, CA 92105 room 209. No meetings 11/19 to 11/23 (Thanksgiving Break) and, 12/24 to 1/4 (Winter Break). Contact instructor for enrollment information.  
 2429 11:00AM-12:15PM TTH E-225 S.Weinert  
 1716 11:00AM-12:20PM MW F-513 S.Weinert  
 1721 06:00PM-09:10PM M F-508 J.Jones
- +# PSY-138 Social Psychology 3.0**  
 2589 TBA WEB-WEB R.Wanic  
 Online course; 52.5 total instructional hours.
- +# PSY-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.  
 2590 09:30AM-10:45AM TTH F-508 S.Weinert
- +# PSY-150 Developmental Psychology 3.0**  
 Changes in thought, emotion and behavior throughout the life span.  
 Prerequisite: "C" grade or higher or "Pass" in PSY 120 or equivalent  
 9605 TBA WEB-WEB S.Weinert  
 Online course; 52.5 total instructional hours. For further information contact [steve.weinert@gcccd.edu](mailto:steve.weinert@gcccd.edu).  
 3141 09:30AM-10:50AM MW F-508 M.Sousa
- +# PSY-170 Abnormal Psychology 3.0**  
 Research/theory involving the causes and treatment of psychological disorders.  
 3145 TBA WEB-WEB T.Doyle  
 Online course; 52.5 total instructional hours.
- +# PSY-215 Statistics Behavioral Sciences 4.0**  
 Defining/solving quantitative problems in the behavioral sciences.  
 Prerequisite: "C" grade or higher or "Pass" in MATH 096 or 103 or 110 or equivalent.  
 9797 12:30PM-01:20PM M E-204 S.Weinert  
 01:30PM-02:45PM M E-204  
 12:30PM-02:50PM W E-204

## REAL ESTATE

- RE-190 Real Estate Principles 3.0**  
 0279 TBA WEB-WEB G.Daunoras  
 Online course; 52.5 total instructional hours. Email [gregory.daunoras@gcccd.edu](mailto:gregory.daunoras@gcccd.edu) for details.
- S 1735 06:30PM-09:55PM T E-229 R.Perez Aug 20-Oct 13  
 Additional 2 hour 45 minutes instructional time/week via Internet.
- RE-191 Real Estate Practice 3.0**  
 S 1736 06:30PM-09:55PM T E-229 S.Wilson Oct 15-Dec 08  
 Additional 2 hour 45 minutes instructional time/week via Internet.

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

**RE-193 Real Estate Legal Aspects 3.0**  
5017 06:30PM-09:35PM TH E-229 J.Hafner

**RE-250 Real Estate Internship**  
8108 TBA G.Daunoras  
1 unit=75 hours paid/60 hours unpaid work experience.  
Mandatory meeting 8/22, 5:30-6:30pm in E229.  
8109 TBA G.Daunoras  
2 units=150 hours paid/120 hours unpaid work experience.  
Mandatory meeting 8/22, 5:30-6:30pm in E229.  
8110 TBA G.Daunoras  
3 units=225 hours paid/180 hours unpaid work experience.  
Mandatory meeting 8/22, 5:30-6:30pm in E229.

## RELIGIOUS STUDIES

**+# RELG-120 World Religions 3.0**  
2595 TBA WEB-WEB P.Carmona  
Online course; 52.5 total instructional hours. Students MUST log in to the course's Canvas site to read startup instructions no later than 8/20, 11:59 PM. Two REQUIRED on-campus Sat. exams (no exceptions): 10/13 & 12/8, 10-11:30am in F710.  
2596 11:00AM-12:20PM MW F-710 J.Thompson

**+# RELG-170 Intro to the New Testament 3.0**  
2597 TBA WEB-WEB B.McGraw  
Online course; 52.5 total instructional hours.

## SCIENCE

**# SCI-100 Success-Sci, Tech, Eng, Math 3.0**  
1224 11:00AM-12:15PM TTH H-205 K.Nette

## SOCIOLOGY

**+# SOC-120 Introductory Sociology 3.0**  
Social theories and methods; social institutions, interaction and social changes.  
1760 TBA WEB-WEB U.Hines  
Online course; 52.5 total instructional hours. See [www.introsoc.com](http://www.introsoc.com) for orientation; see FAQ page. Email questions to [ursula.hines@gcccd.edu](mailto:ursula.hines@gcccd.edu)  
2593 TBA WEB-WEB U.Hines  
Online course; 52.5 total instructional hours.  
1764 08:00AM-09:15AM TTH F-507 C.Anderson  
0710 09:30AM-10:50AM MW F-507 R.Jacob-Almeida  
1263 11:00AM-12:15PM TTH F-507 R.Jacob-Almeida  
1756 12:30PM-01:45PM TTH F-507 C.Anderson

**+# SOC-125 Marriage, Fam & Alt Lifestyles 3.0**  
Understanding factors conducive to successful marital and family relationships.  
2781 TBA WEB-WEB R.Horn Langford  
Online course, 52.5 total instructional hours.

**+# SOC-130 Contemporary Social Problems 3.0**  
2591 11:00AM-12:20PM MW F-507 R.Jacob-Almeida

## SPANISH

**+# SPAN-120 Spanish I 5.0**  
1767 07:00AM-09:20AM MW F-506 S.Gonzalez  
2617 09:30AM-11:45AM TTH F-502 L.Maldonado  
1768 09:30AM-11:50AM MW F-502 M.Berumen  
1769 12:30PM-02:45PM TTH F-502 E.Arzola  
2620 06:00PM-08:50PM T F-502 C.Diaz  
Additional 2 instructional hours/week via Internet.

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

<b>+#</b>	<b>SPAN-121 Spanish II</b>	<b>5.0</b>
	Prerequisite: "C" grade or higher or "Pass" in SPAN 120 or two years of high school Spanish or equivalent.	
	2601 09:30AM-11:45AM	TTH F-506 K.Gutierrez
	2623 06:00PM-08:15PM	TTH F-506 D.Muzquiz-Guerreiro
<b>+#</b>	<b>SPAN-220 Spanish III</b>	<b>5.0</b>
	Prerequisite: "C" grade or higher or "Pass" in SPAN 121 or three years of high school Spanish or equivalent.	
	2627 09:30AM-11:50AM	MW F-506 K.Gutierrez
<b>+#</b>	<b>SPAN-250 Conversational Spanish I</b>	<b>3.0</b>
	Prerequisite: "C" grade or higher or "Pass" in SPAN 121 or 220 or 221 or three years of high school Spanish or equivalent.	
	0204 12:30PM-01:45PM	TTH F-506 A.Stere-Lugo
<b>+#</b>	<b>SPAN-251 Conversational Spanish II</b>	<b>3.0</b>
	Prerequisite: "C" grade or higher or "Pass" in SPAN 250 or four years of high school Spanish or equivalent.	
	2608 12:30PM-01:45PM	TTH F-506 A.Stere-Lugo

## SURVEYING

See CADD Technology

## SOCIAL WORK

<b>SW-110 Social Work Fields of Service</b>	<b>3.0</b>
1765 09:30AM-10:45AM	TTH F-614 C.McCray
<b>SW-120 Introduction to Social Work</b>	<b>3.0</b>
0709 11:00AM-12:15PM	TTH F-512 C.McCray

## THEATRE ARTS

<b>+#</b>	<b>THTR-110 Introduction to the Theatre</b>	<b>3.0</b>
	2600 02:00PM-03:15PM	TTH B-301 A.Ecker

## WORK EXPERIENCE

<b>WEX-110 Gen Cooperative Work Exp Ed</b>	
1420	TBA A.Blyumin
Required orientation Monday, August 20 from 5pm-6 in the Digital Theatre B-101. Students must attend the orientation or they will be dropped from class. Send questions to amaliya.blyumin@gcccd.edu. 3 units=225 hours paid/180 hours unpaid work experience.	
1421	TBA M.Nguyen
Required orientation Monday, August 20 from 5pm-6 in the Digital Theatre B-101. Students must attend the orientation or they will be dropped from class. Send questions to my-linh.nguyen@gcccd.edu. 2 units=150 hours paid/120 hours unpaid work experience.	
1422	TBA C.Morrin
Required orientation Monday, August 20 from 5pm-6 in the Digital Theatre B-101. Students must attend the orientation or they will be dropped from class. Send questions to cynthia.morrin@gcccd.edu. 3 units=225 hours paid/180 hours unpaid work experience.	
3533	TBA J.King
Required orientation Monday, August 20 from 5pm-6 in the Digital Theatre B-101. Students must attend the orientation or they will be dropped from class. Send questions to jenny.king@gcccd.edu. 1 units=75 hours paid/60 hours unpaid work experience.	

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

## WATER/WASTEWATER TECHNOLOGY

	<b>WWTR-101 Fund of Water/Wastewater Tech 3.0</b>					
	Overview of the water/wastewater field and issues confronting the industry.					
S	1810	06:00PM-09:15PM	MW	L-104	J.Young	Aug 20-Oct 13
	<b>WWTR-102 Calculations in WWTR Tech 3.0</b>					
	Mathematical principles in solving problems related to Water Distribution and Treatment Systems.					
	Recommended Preparation: Grade of "Pass" in MATH 090 or equivalent.					
S	1812	06:00PM-09:05PM	TTH	L-104	J.Young	Aug 20-Oct 13
	<b>WWTR-105 Water Conservation 3.0</b>					
	Principles, practices, and issues involved in designing, implementing, and managing a water conservation program.					
S	0187	06:00PM-09:15PM	MW	L-103	M.Uhrhammer	Oct 15-Dec 08
	<b>WWTR-110 Lab Analysis Water/Wastewater 3.0</b>					
	Fundamentals, procedures, and techniques involved in laboratory analysis of water and wastewater.					
S	2166	06:00PM-09:15PM	TTH	L-102	D.Chapin	Oct 15-Dec 08
	<b>WWTR-112 Plant Ops: Water Treatment 3.0</b>					
	Water treatment plant procedures, standards, regulations, operation and maintenance.					
	Recommended Preparation: "C" grade or higher or "Pass" in WWTR 102 or equivalent.					
S	9474	06:00PM-09:15PM	TTH	L-103	C.Palechek	Oct 15-Dec 08
	<b>WWTR-114 Plant Ops-Wastewater Treatment 3.0</b>					
	Principles, practices, and processes involved in wastewater treatment and plant operation and maintenance.					
S	5451	06:00PM-09:15PM	MW	L-103	P.Porras	Aug 20-Oct 13
	<b>WWTR-130 Water Distribution Systems 3.0</b>					
	Fundamentals of the design, operation, and maintenance of a drinking water distribution system.					
	Recommended Preparation: "C" grade or higher or "Pass" in WWTR 102 or equivalent.					
S	9477	06:00PM-09:15PM	MW	L-104	J.Young	Oct 15-Dec 08
	<b>WWTR-132 Wastewater Collection Systems 3.0</b>					
	Fundamentals of the design, operation, monitoring, and maintenance of wastewater collection systems.					
S	2190	06:00PM-09:05PM	TTH	L-103	B.Ayers	Aug 20-Oct 13
	<b>WWTR-134 Mechanical Maintenance 3.0</b>					
	Basic principles of the design, installation, operation and maintenance of mechanical equipment used in water and wastewater systems.					
S	8302	06:00PM-09:15PM	MW	L-102	S.Taylor	Aug 20-Oct 13
	<b>WWTR-265 Water Distribution Systems II 3.0</b>					
	Advanced concepts in the design, operation, and maintenance of a drinking water distribution system.					
	Prerequisite: "C" grade or higher or "Pass" in WWTR 130 or equivalent.					
S	2624	06:00PM-09:15PM	TTH	L-104	J.Young	Oct 15-Dec 08
	<b>WWTR-280 Backflow Tester Training 2.0</b>					
	Preparation for the AWWA and ABPA certification exams.					
S	0185	06:00PM-07:30PM	MW	L-101	F.Garcia	Aug 20-Oct 13
		07:35PM-09:00PM	MW	L-101		
	Certification testing held on Sat. 10/13 from 8am - 3pm.					
	<b>WWTR-282 Cross Connect Ctrl Specialist 3.0</b>					
	Administrative and technical procedures required for an effective cross-connection control program.					
S	2193	06:00PM-09:15PM	MW	L-101	D.Stoltz	Oct 15-Dec 08

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

 "ZTC" Section uses free materials.

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

**WWTR-290 Cooperative Work Experience**

Application of classroom experiences in industry.

Recommended Preparation: Successful completion of at least three Water/Wastewater Technology courses prior to enrolling in WWTR 290 is highly recommended.

1818 TBA M.Uhrhammer

Required orientation Mon. 8/27, 5pm in room F-512; second class meeting TBA. 1 unit=75 hours paid/60 hours unpaid work experience.

1819 TBA M.Uhrhammer

Required orientation Mon. 8/27, 5pm in room F-512; second class meeting TBA. 2 units=150 hours paid/120 hours unpaid work experience.

1820 TBA M.Uhrhammer

Required orientation Mon. 8/27, 5pm in room F-512; second class meeting TBA. 3 units=225 hours paid/180 hours unpaid work experience.

1821 TBA M.Uhrhammer

Required orientation Mon. 8/27, 5pm in room F-512; second class meeting TBA. 4 units=300 hours paid/240 hours unpaid work experience.