

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

**CUYAMACA COLLEGE**  
**Spring 2020 Course Offerings**  
 As of February 3, 2020

**ANTHROPOLOGY**


- +# ANTH-120 Cultural Anthropology 3.0**  
 Methods and theories of anthropology; cultural variations and similarities.  
 4348 09:30AM-10:45AM MW F-407 J.Diokno
- +# ANTH-130 Intro to Physical Anthropology 3.0**  
 4349 08:00AM-09:15AM MW F-513 J.Diokno

**ARAMAIC**

- +# ARAM-121 Aramaic II 5.0**  
 Prerequisite: "C" grade or higher or "Pass" in ARAM 120 or equivalent.  
 6940 09:30AM-11:45AM TTH F-508 M.Bazzi

**ARABIC**

- +# ARBC-120 Arabic I 5.0**  
 4256 09:30AM-11:45AM MW F-508 A.Sheai  
 4260 09:30AM-11:45AM TTH F-507 G.Zakaria  
 4265 12:00PM-02:15PM MW F-508 A.Sheai  
 4257 12:30PM-02:45PM TTH F-507 G.Sako  
 4258 04:30PM-06:45PM TTH F-506 G.Sako  
 4259 06:00PM-08:15PM MW F-518 H.Alkassas  
 4918 06:00PM-08:15PM TTH F-518 N.Aldulaimi
- +# 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.  
 4263 09:30AM-11:45AM MW F-518 J.Gazale  
 4264 09:30AM-11:45AM TTH F-411 J.Gazale  
 6941 12:30PM-02:45PM TTH F-502 H.Boles  
 4262 06:00PM-08:15PM MW F-506 N.Aldulaimi
- +# ARBC-122 Arabic for Arabic Speaker I 5.0**  
 1550 12:30PM-02:45PM TTH F-411 G.Zakaria  
 6942 06:00PM-08:15PM TTH F-411 H.Boles
- +# ARBC-123 Arabic for Arabic Speaker II 5.0**  
 Prerequisite: "C" grade or higher or Pass in Arabic 122 or equivalent.  
 6945 09:30AM-11:45AM TTH F-518 H.Alkassas
- +# ARBC-145 Arabic Civilizations 3.0**  
 1171 09:00AM-12:05PM F F-513 R.Aoneh  
 1553 09:00AM-12:05PM F F-608 A.Al Shawi  
 1704 03:00PM-05:50PM W F-513 A.Kana  
 1554 06:00PM-08:50PM TH F-513 S.Ibrahim
- +# 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.  
 4596 12:30PM-02:45PM MW F-518 J.Gazale
- +# ARBC-221 Arabic IV 5.0**  
 Prerequisite: "C" grade or higher or "Pass" in ARBC 220 or four years of high school Arabic or equivalent.  
 4597 06:00PM-08:15PM TTH F-508 J.Gazale

+ Satisfies Cal. State University General Education  
 # Satisfies Cuyamaca College General Education (includes Graduation Requirement)  
 S Denotes short-term class  
 "ZTC" Section uses free materials.

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**+# 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.  
 9850 09:00AM-12:05PM F F-518 R.Al-Azzeh  
 7261 09:00AM-12:05PM F F-411 A.Kana  
 6947 12:30PM-01:45PM TTH 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.  
 4269 09:00AM-12:05PM F F-502 M.Essini  
 7262 09:00AM-12:05PM F F-407 L.Hariri

**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.  
 4267 06:00PM-08:50PM T F-512 G.Al Saadi  
 4268 06:00PM-08:50PM W F-508 G.Al Saadi

**ART**

**+# ART-100 Art Appreciation 3.0**  
 Learn how art influences your life.

S 1685 TBA WEB-WEB L.Karmel Jan 02-Jan 25  
 Online course; 52.5 total instructional hours. Contact lisa.karmel@gcccd.edu.

S 4927 TBA WEB-WEB O.Montano Jan 02-Jan 25  
 Online course; 52.5 total instructional hours. Contact omar.montano@gcccd.edu.

1947 TBA WEB-WEB C.Lewallen  
 Online course; 52.5 total instructional hours. Contact clayton.lewallen@gcccd.edu for course assignments between 1/21 - 1/29.

4750 TBA WEB-WEB J.Abel  
 Online course; 52.5 total instructional hours. Contact john.abel@gcccd.edu for course information. Complete introductory assignments between 1/21-1/29.

4925 TBA WEB-WEB X.Eggleton  
 Online course; 52.5 total instructional hours. Contact xuchi.eggleton@gcccd.edu for course assignments between 1/21 - 1/29.

7283 TBA WEB-WEB S.Schlichtenmyer  
 Online course; 52.5 total instructional hours. Contact steve.schlichtenmyer@gcccd.edu for course assignments between 1/21 - 1/29.

8777 TBA WEB-WEB S.Schlichtenmyer  
 Online course; 52.5 total instructional hours. Contact steve.schlichtenmyer@gcccd.edu for course assignments between 1/21 - 1/29.


8883 TBA WEB-WEB J.Abel  
 Online course; 52.5 total instructional hours. Contact lisa.karmel@gcccd.edu for course information. Complete introductory assignments between 1/21-1/29.

9928 TBA WEB-WEB S.Wascher  
 Online course; 52.5 total instructional hours. Contact sandra.wascher@gcccd.edu for course information. Complete introductory assignments between 1/21-1/29.

S 7281 TBA WEB-WEB E.Cline Jan 02-Jan 25  
 Online course; 52.5 total instructional hours. Contact edward.cline@gcccd.edu.

7420 TBA WEB-WEB S.Schlichtenmyer  
 Online course; 52.5 total instructional hours. Contact steve.schlichtenmyer@gcccd.edu for course assignments between 1/23 - 1/29.

4947 08:00AM-09:15AM MW B-360 O.Montano  
 4661 08:00AM-09:15AM TTH B-360 L.Karmel

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(ART-100 continued)

9481 02:00PM-03:15PM MW B-365 E.Cline

**+# ART-120 Two-Dimensional Design 3.0**

Learn how to make aesthetic decisions and choose colors. Art supplies must be supplied by student.

4270 09:30AM-10:20AM MW B-363 O.Montano  
10:30AM-12:20PM MW B-363

4271 01:00PM-01:50PM TTH B-373 X.Eggleton  
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.

4272 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.

4274 09:00AM-11:05AM F B-373 M.Ford  
11:35AM-03:25PM F B-376

4277 09:30AM-10:20AM TTH B-373 L.Karmel  
10:30AM-12:20PM TTH B-376

4275 01:00PM-01:50PM MW B-376 C.Lewallen  
02:00PM-03:50PM MW B-373

**ART-125 Drawing II 3.0**

Art supplies must be provided by student.

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

4276 01:00PM-01:50PM MW B-376 C.Lewallen  
02:00PM-03:50PM MW B-373

**+# ART-140 Survey West Art I Pre-Mid Ages 3.0**

Study of art forms from cave paintings to the early Renaissance.

6955 TBA WEB-WEB M.Hesser

Online course; 52.5 total instructional hours. Contact [martina.hesser@gcccd.edu](mailto:martina.hesser@gcccd.edu) for course information.

**+# ART-143 Modern Art 3.0**

Historical survey of late 19th and 20th century art of Europe and America.

8271 TBA WEB-WEB E.Whitman

Online course; 52.5 total instructional hours. Contact [erin.whitman@gcccd.edu](mailto:erin.whitman@gcccd.edu) for course information.

**ART-220 Painting II 3.0**

Learn painting techniques in oils or acrylics. Art supplies must be provided by student.

Prerequisite: "C" grade or higher or "Pass" in ART 121 or equivalent.

4273 01:00PM-01:50PM TTH B-371 E.Whitman  
02:00PM-03:50PM TTH B-371

**ART-221 Painting III 3.0**

Developing a "personal statement." Art supplies must be provided by student.


Prerequisite: "C" grade or higher or "Pass" in ART 220 or equivalent.

4970 01:00PM-01:50PM TTH B-371 E.Whitman  
02:00PM-03:50PM TTH B-371

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**ART-222 Painting IV 3.0**  
 Art supplies must be provided by student.  
 Prerequisite: "C" grade or higher or "Pass" in ART 221 or equivalent.  
 4971 01:00PM-01:50PM TTH B-371 E.Whitman  
 02:00PM-03:50PM TTH B-371

**ART-230 Figure Drawing I 3.0**  
 Develop expressive drawing techniques with regard to the human form. Art supplies must be provided by student.  
 Prerequisite: "C" grade or higher or "Pass" in ART 124 or equivalent.  
 4279 09:30AM-10:20AM TTH B-368 J.Eggleton  
 10:30AM-12:20PM TTH B-368

**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.  
 4280 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.  
 4968 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.  
 4972 09:30AM-10:20AM TTH B-368 J.Eggleton  
 10:30AM-12:20PM TTH B-368

**AMERICAN SIGN LANGUAGE**

**+# ASL-120 American Sign Language I 4.0**  
 4304 TBA WEB-WEB B.Cohen  
 Online course, 70 total instructional hours.  
 7089 TBA WEB-WEB B.Cohen  
 Online course, 70 total instructional hours.  
 6957 09:30AM-11:20AM MW B-162 M.Marks  
 S 7413 01:15PM-03:30PM MW SCHS-SCHS J.Smith Jan 27-May 30  
 Meets at Steele Canyon High School, 12440 Campo Road, Spring Valley, CA, room TBA. No meetings; 2/10, 3/16 and 4/06 to 4/18 (Spring Break). Contact instructor for enrollment information.  
 4302 01:30PM-03:20PM TTH B-164 D.Yanke  
 4301 06:00PM-07:50PM MW B-164 M.Marks

**+# ASL-121 American Sign Language II 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in ASL 120 or equivalent.  
 6959 09:30AM-11:20AM TTH B-164 D.Yanke  
 S 7414 01:15PM-03:20PM TTH SCHS-SCHS J.Smith Jan 27-May 30  
 Meets at Steele Canyon High School, 12440 Campo Road, Spring Valley, CA, room TBA. No meetings; 4/06 to 4/18 (Spring Break). Contact instructor for enrollment information.  
 0916 05:00PM-06:50PM MW B-162 D.Yanke

**ASL-126 ASL with School Age Children 1.0**  
 S 1557 06:00PM-08:05PM T B-162 J.Smith Mar 30-May 23

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**ASL-130 ASL: Fingerspelling 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in ASL 120 or equivalent ability to sign.  
 4698 06:00PM-08:50PM TH B-162 D.Yanke

**+# ASL-221 American Sign Language IV 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in ASL 220 or equivalent.  
 9502 03:30PM-05:20PM TTH B-162 D.Yanke

## ASTRONOMY

**+# ASTR-110 Descriptive Astronomy 3.0**  
 3743 09:30AM-10:45AM MW F-402 G.Thurman  
 3740 09:30AM-10:45AM TTH F-402 G.Thurman  
 3741 05:30PM-06:45PM MW F-402 G.Thurman

**+# ASTR-112 General Astronomy Laboratory 1.0**  
 Prerequisite: "C" grade or higher or "Pass" in ASTR 110 or equivalent or concurrent enrollment.  
 9605 07:00PM-09:50PM W F-402 G.Thurman  
 9333 07:00PM-10:05PM M F-402 G.Thurman

## AUTOMOTIVE TECHNOLOGY

**AUTO-099 Intro to Automotive 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.  
 1764 TBA WEB-WEB I.Castaneda-Garcia  
 Online course; 52.5 total instructional hours.  
 4982 06:00PM-08:50PM T K-122 K.Crouder

**AUTO-100 Intro to Auto Technology Lab 1.0**  
 Hands-on introductory lab course; learn the basics of auto service.  
 9841 09:00AM-12:05PM F K-104 R.Gingery  
 7124 06:00PM-09:05PM M K-121 K.Crouder


**AUTO-122 Automotive Electrical Systems 5.0**  
 4989 06:00PM-07:15PM TTH K-101 J.Hurt  
 07:25PM-10:15PM TTH K-101

**AUTO-127 Adv Auto Electrical Systems 5.0**  
 Prerequisite: "C" grade or higher or "Pass" in AUTO 122 or equivalent  
 1573 06:00PM-07:15PM TTH K-101 J.Hurt  
 07:25PM-10:15PM TTH K-101

**AUTO-129 Hybrid, Electric, Alt Fuels 5.0**  
 7125 06:00PM-07:15PM MW K-114 L.Rower  
 07:25PM-10:15PM MW K-114


**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.  
 4994 06:00PM-07:15PM MW K-104 J.Dandash  
 07:25PM-10:15PM MW K-104

**AUTO-135 Advanced Brakes 5.0**  
 Prerequisite: "C" grade or higher or "Pass" in AUTO 130 or equivalent.  
 0556 06:00PM-07:15PM MW K-104 J.Dandash  
 07:25PM-10:15PM MW K-104

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	<b>AUTO-141</b>	<b>Smog License Level I Class</b>	<b>3.0</b>	
	Recommended Preparation: AUTO 120, AUTO 122, AUTO 123, AUTO 124			
S	0055	06:00PM-07:35PM 07:40PM-10:15PM	TTH TTH	K-121 K-121 J.Crocker Jan 27-Apr 04
	<b>AUTO-142</b>	<b>Smog License Level II Class</b>	<b>2.0</b>	
	Recommended Preparation: Auto 120, 122, 123, 124, 127, 141. Completion of all California Bureau of Automotive Repair web based training modules.			
S	0056	05:30PM-06:35PM 06:40PM-10:05PM	TTH TTH	K-121 K-121 J.Crocker Apr 06-May 23
	<b>AUTO-152</b>	<b>Drive Train Systems</b>	<b>4.0</b>	
	4797	06:00PM-07:15PM 07:25PM-09:15PM 06:00PM-06:50PM 07:00PM-09:15PM	T T TH TH	K-114 K-114 K-114 K-114 J.Pinnell
	<b>AUTO-160</b>	<b>Air Condition &amp; Heat Systems</b>	<b>3.0</b>	
	7126	09:00AM-09:50AM 10:00AM-11:15AM	TTH TTH	K-104 K-104 I.Castaneda-Garcia
	<b>AUTO-170</b>	<b>Engine Overhaul</b>	<b>5.0</b>	
	Learn how to disassemble, clean, measure and correctly reassemble a modern automotive engine.			
	1577	08:30AM-09:45AM 09:55AM-12:45PM	MW MW	K-121 K-121 W.Ottinger
	<b>AUTO-175</b>	<b>Advanced Engine Overhaul</b>	<b>5.0</b>	
	Prerequisite: "C" grade or higher or "Pass" in AUTO 170 or equivalent.			
	1578	08:30AM-09:45AM 09:55AM-12:45PM	MW MW	K-121 K-121 W.Ottinger
	<b>AUTO-182</b>	<b>Automotive Work Experience</b>		
	4997	TBA		R.Gingery
	Mandatory orientation; 1 unit=75 hours paid/60 hours unpaid work experience.			
	4998	TBA		R.Gingery
	Mandatory orientation; 2 units=150 hours paid/120 hours unpaid work experience.			
	4999	TBA		R.Gingery
	Mandatory orientation; 3 units=225 hours paid/180 hours unpaid work experience.			
S	4795	TBA		R.Gingery Mar 30-May 23
	Mandatory orientation; 1 unit=75 hours paid/60 hours unpaid work experience.			
S	4796	TBA		R.Gingery Mar 30-May 23
	Mandatory orientation; 2 units=150 hours paid/120 hours unpaid work experience.			
	<b>AUTO-191</b>	<b>ASSET-Brakes and Alignment</b>	<b>7.0</b>	
	Recommended Preparation: "C" grade or higher or "Pass" in AUTO-122 or AUTO 196 or equivalent			
	7164	12:00PM-02:15PM 02:25PM-05:15PM	MW MW	K-114 K-114 I.Castaneda-Garcia
	<b>AUTO-191A</b>	<b>ASSET Brakes</b>	<b>1.0</b>	
	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			
	7165	TBA		WEB-WEB I.Castaneda-Garcia
	Online course; 17.5 total instructional hours. Lecture portion of the course is synchronous with AUTO 191 #7164. 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.			

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**AUTO-191B ASSET Brakes, Advanced Brakes 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.  
 7166 TBA WEB-WEB I.Castaneda-Garcia  
 Online course; 26.5 total instructional hours. Lecture portion  
 of the course is synchronous with AUTO 191 #7164. 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-191C ASSET Dynamic Vehicle Brakes 1.5**  
 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  
 7167 TBA WEB-WEB I.Castaneda-Garcia  
 Online course; 26.5 total instructional hours. Lecture portion  
 of the course is synchronous with AUTO 191 #7164. 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-191D Suspension 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.  
 7168 TBA WEB-WEB I.Castaneda-Garcia  
 Online course; 17.5 total instructional hours. Lecture portion  
 of the course is synchronous with AUTO 191 #7164. 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-191E Noise Vibration and Harshness 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 7169 TBA WEB-WEB I.Castaneda-Garcia Mar 30-May 23  
 Online course; 8.75 total instructional hours. Lecture portion  
 of the course is synchronous with AUTO 191 #7164. 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.  
 6711 TBA I.Castaneda-Garcia  
 3 units=225 hours paid Work Experience.


**AUTO-206 ASEP-Work Experience 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in AUTO 200 or  
 equivalent  
 S 2003 TBA I.Castaneda-Garcia Mar 30-May 23  
 ASEP-Work Experience 3 units=225 hours paid work experience.

**BIOLOGICAL SCIENCES**

**+# BIO-122 The Secret Life of Plants 4.0**  
 1520 09:00AM-11:50AM T H-221 M.Garcia  
 09:00AM-11:50AM TH H-221









**+# BIO-130 General Biology I 3.0**  
 The characteristics shared by all life forms.  
 5014 08:00AM-09:15AM TTH F-606 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.


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(BIO-130 continued)

S	7244	08:00AM-11:15AM	F	HSHM-HSHM	A.Hackman	Jan 27-May 29
		Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room 200A. No meetings 3/30 to 4/3 (Spring Break). No meetings 5/22 (Memorial Day Weekend). Registration for dual enrollment students at HSHMC only. Contact instructor for enrollment information.				
	5009	09:30AM-10:45AM	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.				
	5012	09:30AM-10:45AM	TTH	F-606	L.Alberti	
		*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.				
	7110	11:00AM-12:15PM	MW	F-606	O.Yoder	
	5010	11:00AM-12:15PM	TTH	F-606	G.Nonterah	
		*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.				
	5011	12:30PM-01:45PM	MW	F-606	L.Alberti	
		*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.				
	8874	12:30PM-01:45PM	TTH	F-606	G.Nonterah	
		*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.				
	8375	02:00PM-03:15PM	TTH	F-606	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.				
	4764	05:30PM-06:45PM	MW	F-606	O.Yoder	
		*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.				
	6615	05:30PM-06:45PM	TTH	F-606	S.Attle	
		*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.				

<b>+#</b>	<b>BIO-131 General Biology I Laboratory</b>		<b>1.0</b>			
	Experiments on the characteristics shared by all life forms. Prerequisite: "C" grade or higher or "Pass" in BIO 130 or equivalent or concurrent enrollment.					
	5028	09:00AM-12:05PM	F	H-401	R.Jimenez	
		Class meets in room H-401.				
	8376	11:00AM-01:50PM	T	H-401	L.Alberti	
		Class meets in room H-401.				
	8385	11:00AM-01:50PM	TH	H-401	C.Schalmo	
		Class meets in room H-401.				
	9085	11:00AM-01:50PM	W	H-401	H.Valtierra	
		Class meets in room H-401.				
	4770	11:00AM-02:05PM	M	H-401	H.Valtierra	
		Class meets in room H-401.				
	1977	01:00PM-04:05PM	F	H-401	A.Hackman	
		Designed for Health Sciences High & Middle College Students; registration for dual enrollment students at HSHMC only. Class meets in room H-401. Contact instructor for enrollment information.				
	5023	02:30PM-05:20PM	T	H-401	J.Shiroma	
		Class meets in room H-401.				
	9600	02:30PM-05:20PM	W	H-401	J.Shiroma	
		Class meets in room H-401.				
	8391	07:00PM-09:50PM	T	H-401	S.Attle	

+ Satisfies Cal. State University General Education  
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)  
S Denotes short-term class  
 "ZTC" Section uses free materials.



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(BIO-131 continued)

	Class meets in room H-401.				
	6624	07:00PM-09:50PM	TH	H-401	S.Attle
	Class meets in room H-401.				
<b>+#</b>	<b>BIO-134</b>	<b>Ethnobotany</b>			<b>3.0</b>
	1522	12:30PM-01:45PM	TTH	H-221	M.Garcia
<b>+#</b>	<b>BIO-135</b>	<b>Ethnobotany/Ethnoecology Lab</b>			<b>1.0</b>
	Prerequisite: "C" grade or higher or "Pass" in either BIO 133 or 134 or concurrent enrollment				
	1523	02:00PM-04:50PM	TH	H-221	M.Garcia
<b>+#</b>	<b>BIO-140</b>	<b>Human Anatomy</b>			<b>5.0</b>
	Prerequisite: "C" grade or higher or "Pass" in BIO 130, 131 or equivalent.				
	9337	08:00AM-09:15AM	MW	H-207	R.Jimenez
		09:30AM-12:20PM	MW	H-207	
	9336	08:00AM-09:15AM	TTH	H-207	F.Bouton
		09:30AM-12:20PM	TTH	H-207	
	6865	11:00AM-11:50AM	MWF	H-221	G.Brulte
		12:00PM-01:50PM	MWF	H-221	
	9601	01:00PM-02:15PM	MW	H-207	F.Bouton
		02:25PM-05:15PM	MW	H-207	
	9334	01:00PM-02:15PM	TTH	H-207	K.Aylward
		02:25PM-05:15PM	TTH	H-207	
	7111	02:30PM-03:20PM	MWF	H-221	C.Marra
		03:30PM-05:20PM	MWF	H-221	
	8388	05:30PM-06:45PM	MW	H-207	R.Jimenez
		07:00PM-09:50PM	MW	H-207	
	9335	05:30PM-06:45PM	TTH	H-207	B.Richardson
		06:55PM-09:45PM	TTH	H-207	
<b>+#</b>	<b>BIO-141</b>	<b>Human Physiology</b>			<b>3.0</b>
	Prerequisite: "C" grade or higher or "Pass" in BIO 130, 131 or equivalent.				
	9339	05:30PM-06:45PM	TTH	F-505	E.Fontaine
<b>+#</b>	<b>BIO-141L</b>	<b>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.				
	9340	02:00PM-04:50PM	T	H-222	N.Leonard
	9341	07:00PM-09:50PM	T	H-222	E.Fontaine
<b>+#</b>	<b>BIO-152</b>	<b>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.				
	9342	08:00AM-09:15AM	TTH	H-127	J.Ear
		09:25AM-12:15PM	TTH	H-206	
	9343	05:00PM-06:15PM	TTH	F-702	A.Howard
		06:25PM-09:15PM	TTH	H-206	
<b>+#</b>	<b>BIO-230</b>	<b>Cellular/Molecular/Evolu Bio</b>			<b>4.0</b>
	Prerequisite: "C" grade or higher or "Pass" in CHEM 141 or equivalent.				
	1953	03:00PM-04:50PM	M	F-606	K.Nette
		02:00PM-02:50PM	W	F-606	
		03:00PM-05:50PM	W	H-206	
	6628	03:00PM-04:50PM	M	F-606	K.Nette
		02:00PM-02:50PM	W	F-606	
		03:00PM-05:50PM	W	H-205	

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**+# BIO-240 Ecology/Evol/Organismal Bio 5.0**  
 Prerequisite: "C" grade or higher or "Pass" in MATH 110 or equivalent.  
 Recommended Preparation: "C" grade or higher or "Pass" in ENGL 120 or equivalent.  
 0351 09:00AM-10:50AM MW H-222 M.Garcia  
 11:00AM-12:15PM MW H-222  
 6626 09:00AM-10:50AM TTH H-222 C.Burnett  
 11:00AM-12:15PM TTH H-222

**BIO-251 Human Dissection 1.0**  
 Preregistration counseling with instructor required; class has limited enrollment. Add code must be obtained from instructor to enroll.  
 Prerequisite: "C" grade or higher or "Pass" in BIO 140 or equivalent and recommendation from the student's Human Anatomy instructor.  
 8389 08:00AM-11:05AM F H-207 F.Bouton

**BUSINESS OFFICE TECHNOLOGY**


**BOT-096 Computer Basics for the Office 1.0**  
 Pass/No Pass only.  
 Recommended Preparation: "C" grade or higher or "Pass" in BOT 100 or equivalent.  
 S 5729 TBA WEB-WEB D.Woods Jan 27-Mar 21  
 Online course; 35 total instructional hours.

**BOT-100 Basic Keyboarding 1.0**  
 4190 09:00AM-10:35AM F E-120 H.Ikzir  
 Additional 1 hours and 15 minutes instructional time/week via Internet.  
 4191 11:00AM-12:35PM F E-120 H.Ikzir  
 Additional 1 hours and 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.  
 S 6715 TBA WEB-WEB M.Cobian Jan 27-Mar 21  
 Online course; 26.25 total instructional hours.

**BOT-101B Keyboard/Document Process II 1.5**  
 Prerequisite: "C" grade or higher or "Pass" in BOT 101A or equivalent.  
 S 6718 TBA WEB-WEB M.Cobian Mar 30-May 23  
 Online course; 26.25 total instructional hours.



**BOT-103A Bldg Keyboarding Skill I 0.5**  
 Recommended Preparation: "C" grade or higher or "Pass" in BOT 100 or equivalent.  
 S 4192 TBA WEB-WEB P.Newman Jan 27-Mar 21  
 Online course; 26.25 total instructional hours.

 \*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.

**BOT-103B Bldg Keyboarding Skill II 0.5**  
 Recommended Preparation: "C" grade or higher or "Pass" in BOT 103A or equivalent.  
 S 4196 TBA WEB-WEB P.Newman Mar 30-May 23  
 Online course; 26.25 total instructional hours.

 \*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.

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	<b>BOT-103C</b>	<b>Bldg Keyboarding Skill III</b>	<b>0.5</b>	
	Recommended Preparation: "C" grade or higher or "Pass" in BOT 103B or equivalent.			
S	4198	TBA	WEB-WEB P.Newman	Mar 30-May 23
	Online course; 26.25 total instructional hours.			
	*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.			
	<b>BOT-104</b>	<b>Filing and Records Management</b>	<b>1.0</b>	
S	6720	TBA	WEB-WEB P.Newman	Jan 27-Mar 21
	Online course; 35 total instructional hours.			
	*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.			
	<b>BOT-115</b>	<b>Essential Excel</b>	<b>1.0</b>	
	Recommended Preparation: "C" grade or higher or "Pass" in BOT 096, 100, 119 or equivalent.			
S	4200	TBA	WEB-WEB D.Woods	Jan 27-Mar 21
	Online course; 35 total instructional hours.			
	<b>BOT-117</b>	<b>Essential Powerpoint</b>	<b>1.0</b>	
	Recommended Preparation: "C" grade or higher or "Pass" in BOT 096, 100, 119 or equivalent.			
S	4201	TBA	WEB-WEB D.Woods	Mar 30-May 23
	Online course; 35 total instructional hours.			
	<b>BOT-118</b>	<b>Integrated Office Projects</b>	<b>1.0</b>	
	Prerequisite: "C" grade or higher or "Pass" 114, 115, 116, 117 or equivalent.			
S	6723	TBA	WEB-WEB P.Newman	Mar 30-May 23
	Online course; 52.5 total instructional hours.			
	<b>BOT-120</b>	<b>Comprehensive Word I</b>	<b>1.0</b>	
	Recommended Preparation: "C" grade or higher or "Pass" in BOT 096, 101AB, 119 or equivalent.			
S	4202	TBA	WEB-WEB P.Newman	Jan 27-Mar 21
	Online course; 35 total instructional hours.			
	<b>BOT-121</b>	<b>Comprehensive Word II</b>	<b>1.0</b>	
	Recommended Preparation: "C" grade or higher or "Pass" in BOT 120 or equivalent.			
S	4203	TBA	WEB-WEB P.Newman	Mar 30-May 23
	Online course; 35 total instructional hours.			
	<b>BOT-126</b>	<b>Comprehensive Access I</b>	<b>1.0</b>	
	Recommended Preparation: "C" grade or higher or "Pass" in BOT 096, 100, 116, 119 or equivalent.			
S	4205	TBA	WEB-WEB H.Ikzir	Jan 27-Mar 07
	Online course; 35 total instructional hours.			
	<b>BOT-127</b>	<b>Comprehensive Access II</b>	<b>1.0</b>	
	Recommended Preparation: "C" grade or higher or "Pass" in BOT 126 or equivalent.			
S	4206	TBA	WEB-WEB H.Ikzir	Mar 09-Apr 18
	Online course; 35 total instructional hours.			
	<b>BOT-128</b>	<b>Comprehensive Access III</b>	<b>1.0</b>	
	Prerequisite: "C" grade or higher or "Pass" in BOT 127 or equivalent.			
S	0096	TBA	WEB-WEB H.Ikzir	Apr 20-May 23
	Online course; 35 total instructional hours.			
	<b>BOT-132</b>	<b>Google Applications for BUS</b>	<b>3.0</b>	
	1671	02:00PM-04:50PM	TH E-120	A.Zuckerman

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**BOT-151 Using Microsoft Outlook 1.0**  
Recommended Preparation: "C" grade or higher or "Pass" in BOT 096, 100, 114, 119 or 120 or equivalent.  
S 7213 10:00AM-12:15PM W E-120 A.Zuckerman Mar 30-May 23  
Additional 1 hours and 45 minutes instructional time/week via Internet.

**BOT-201 Adv Keyboarding/Doc Processing 3.0**  
Prerequisite: "C" grade or higher or "Pass" in BOT 102AB or equivalent.  
6727 TBA WEB-WEB P.Newman  
Online course; 52.5 total instructional hours.

**BOT-223 Office Work Experience 1.0**  
Prerequisite: Limited to BOT majors who have completed at least 12 units in the major.  
Recommended Preparation: Keyboarding and computer skills as well as training in a variety of office procedures as required by most worksites.  
4209 TBA P.Newman  
Required orientation: email pat.newman@gcccd.edu. Must be completed by 2/8. 1 unit=75 hours paid/60 hours unpaid work experience.

**BOT-224 Office Work Experience 2.0**  
Prerequisite: Limited to BOT majors who have completed at least 12 units in the major.  
Recommended Preparation: Keyboarding and computer skills as well as training in a variety of office procedures as required by most worksites.  
9351 TBA P.Newman  
Required orientation: email pat.newman@gcccd.edu. Must be completed by 2/8. 2 units=150 hours paid/120 hours unpaid work experience.

**BOT-225 Office Work Experience 3.0**  
Prerequisite: Limited to BOT majors who have completed at least 12 units in the major.  
Recommended Preparation: Keyboarding and computer skills as well as training in a variety of office procedures as required by most worksites.  
9352 TBA P.Newman  
Required orientation: email pat.newman@gcccd.edu. Must be completed by 2/8. 3 units=225 hours paid/180 hours unpaid work experience.

## **BUSINESS**

**BUS-110 Introduction to Business 3.0**  
4215 TBA WEB-WEB M.Aubry  
Online course; 52.5 total instructional hours.

**BUS-111 Entrep: Starting a Business 3.0**  
Starting or expanding a small business.  
S 7256 TBA WEB-WEB J.Newmann Jan 27-May 29  
Online Course; 52.5 instructional hours. Designed for Health Sciences High & Middle College Students; registration for dual enrollment students at HSHMC only. Contact instructor for enrollment information at jennifer.newmann@gcccd.edu.  
8950 06:00PM-09:05PM M E-227 D.Fitch

**BUS-112 Craft Entrepreneur 2.0**  
4214 TBA WEB-WEB D.Fitch  
Online course; 35 total instructional hours. This is part of the Craft Industries Certificate. Email instructor dana.fitch@gcccd.edu with questions.

+ Satisfies Cal. State University General Education  
# Satisfies Cuyamaca College General Education (includes Graduation Requirement)  
S Denotes short-term class  
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**BUS-115 Human Relations in Business 3.0**

4210 TBA WEB-WEB J.Ducharme  
 Online course; 52.5 total instructional hours. Students must contact julie.ducharme@gcccd.edu prior to class starting.

**BUS-120 Financial Accounting 4.0**

- S 4798 TBA WEB-WEB C.Obyrne Jan 27-Mar 21  
 Online course; 70 total instructional hours. Working knowledge of Word, Excel REQUIRED. Email christopher.obyrne@gcccd.edu.
- 5080 TBA WEB-WEB R.Farris  
 Online course; 70 total instructional hours. Working knowledge of Word, Excel REQUIRED. Email rachel.farris@gcccd.edu.
- S 6731 TBA WEB-WEB A.Taccone Feb 10-May 23  
 Online course; 70 total instructional hours. Working knowledge of Word, Excel REQUIRED. Email instructor for information.
- 5075 11:00AM-12:50PM TTH E-223 R.Farris

**BUS-121 Managerial Accounting 4.0**

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

- 8304 TBA WEB-WEB C.Obyrne  
 Online course; 70 total instructional hours. Working knowledge of Word, Excel REQUIRED. Email christopher.obyrne@gcccd.edu.
- S 4800 TBA WEB-WEB T.Branton Mar 30-May 23  
 Online course; 70 total instructional hours. Working knowledge of Word, Excel REQUIRED. Email tracy.branton@gcccd.edu.
- S 6734 TBA WEB-WEB C.Obyrne Feb 10-May 23  
 Online course; 70 total instructional hours. Working knowledge of Word, Excel REQUIRED. Email christopher.obyrne@gcccd.edu.
- 5081 12:30PM-02:20PM TTH E-225 C.Obyrne

**BUS-124 Auditing 3.0**

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

1679 06:30PM-09:35PM M E-225 R.Pacco


**BUS-125 Business Law 3.0**

- S 5083 TBA WEB-WEB M.Sessom Jan 27-Mar 21  
 Online course; 52.5 total instructional hours. Familiarity with computers, Internet required.
- S 2730 TBA WEB-WEB J.Hafner Mar 30-May 23  
 Online course; 52.5 total instructional hours. Familiarity with computers, Internet required.
- S 6742 TBA WEB-WEB M.Sessom Feb 10-May 16  
 Online course; 52.5 total instructional hours. Familiarity with computers, Internet required.
- S 6743 TBA WEB-WEB M.Sessom Jan 02-Jan 25  
 Online course; 52.5 total instructional hours. Familiarity with computers, Internet required.
- S 6736 06:30PM-08:55PM W E-231 H.Rucker Feb 10-May 23  
 Additional 1 instructional hour/week via Internet.

**BUS-128 Business Communication 3.0**

Prerequisite: "C" grade or higher or "Pass" in ESL 2B or placement into ENGL 120 or equivalent.

- S 0385 TBA WEB-WEB M.Aubry Jan 02-Jan 25  
 Online course, 52.5 total instructional hours. Email michael.aubry@gcccd.edu prior to first class meeting.
- S 1934 TBA WEB-WEB D.Fitch Jan 02-Jan 25  
 Online course; 52.5 total instructional hours.
- S 4211 TBA WEB-WEB J.Damato Jan 27-Mar 21  
 Online course; 52.5 total instructional hours. There are no mandatory meetings however students must be able to make a presentation online or in person; details will be posted in syllabus.
- 0866 TBA WEB-WEB M.Aubry  
 Online course; 52.5 total instructional hours. There are no mandatory meetings however students must be able to make a

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(BUS-128 continued)

presentation online or in person; details will be posted in syllabus.

S 0867 TBA WEB-WEB M.Aubry Mar 30-May 23  
Online course; 52.5 total instructional hours. There are no mandatory meetings however students must be able to make a presentation online or in person; details will be posted in syllabus.

S 6744 TBA WEB-WEB M.Aubry Feb 10-May 23  
Online course; 52.5 total instructional hours. There are no mandatory meetings however students must be able to make a presentation online or in person; details will be posted in syllabus.

0865 09:30AM-10:45AM TTH E-227 M.Aubry

**BUS-156 Principles of Management 3.0**

4213 TBA WEB-WEB M.Aubry  
Online course; 52.5 total instructional hours. Email michael.aubry@gcccd.edu prior to class starting.

**BUS-161 Business Internship**

4882 TBA J.Ducharme  
1 unit=75 hours paid/60 hours unpaid work experience. For questions email instructor at julie.ducharme@gcccd.edu  
4885 TBA J.Ducharme  
2 units=150 hours paid/120 hours unpaid work experience. For questions email instructor at julie.ducharme@gcccd.edu  
4888 TBA J.Ducharme  
3 units=225 hours paid/180 hours unpaid work experience. For questions email instructor at julie.ducharme@gcccd.edu

**BUS-162 Analysis Financial Statements 3.0**

Prerequisite: "C" grade or higher or "Pass" in BUS 120 or equivalent.  
0060 06:30PM-09:20PM T E-225 C.Obyrne

**BUS-176 Computerized Accounting Apps 2.0**

1582 TBA WEB-WEB T.Branton  
Online course; 35 total instructional hours. Email tracy.branton@gcccd.edu prior to class starting.

**CADD TECHNOLOGY**

**CADD-115 Engineering Graphics 3.0**

Using AutoCAD 2020.  
9150 07:00PM-07:50PM TTH E-204 J.McCoy  
08:00PM-09:50PM TTH E-204

**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.  
9661 04:00PM-04:50PM MW F-601 C.Saghafi  
05:00PM-06:50PM MW F-601  
1796 04:00PM-04:50PM TTH F-601 C.Saghafi  
05:00PM-06:50PM TTH F-601

**CADD-126 Electronic Drafting 3.0**

Prerequisite: "C" grade or higher or "Pass" in CADD 120 or equivalent  
7128 01:00PM-03:50PM T F-601 C.Saghafi

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**CADD-129 Engineering Solid Modeling 3.0**  
 Using Creo. Parametric v. 3.0  
 Prerequisite: "C" grade or higher or "Pass" in CADD 115 or ENGR 100 or equivalent.  
 4218 07:00PM-07:50PM MW F-601 C.Saghafi  
 08:00PM-09:50PM MW F-601  
 Also listed as ENGR 129 #4219.

**CADD-131 Architectural CADD & Design 3.0**  
 Using Revit 2017.  
 Prerequisite: "C" grade or higher or "Pass" in CADD 120 or ENGR 119 or equivalent.  
 4216 07:00PM-07:50PM TTH F-601 I.Rubio  
 08:00PM-09:50PM TTH F-601

**CHILD DEVELOPMENT**

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

**CD-106 Practicum: Observation & Exp 1.0**  
 Introductory practicum lab completed in the Child Development Center.  
 Prerequisite: CD 123 or 125 or previous completion of either course with a "C" grade or higher or "Pass"  
 9416 TBA CCDC-CCDC N.Hernandez  
 Email nicole.hernandez@gcccd.edu before 1/26 to arrange 52.5 instructional hours for the semester. Note: Students must attend orientation on 1/22 from 5pm-7 in R111. A T.B. test and proof of immunizations required before lab hours begin.


**+# CD-115 Changing American Family 3.0**  
 4631 TBA WEB-WEB K.Kotowski  
 Online course; 52.5 total instructional hours. Email kathy.kotowski@gcccd.edu by 1/26 and complete online orientation by 2/2.

**S CD-123 Programs-Curric Young Children 3.0**  
 7130 09:00AM-12:05PM MTWTHF R-111 A.Hatfield Jan 02-Jan 25  
 9417 11:00AM-12:15PM MW R-111 K.Zink

**+# CD-125 Child Growth and Development 3.0**  
 4221 TBA WEB-WEB N.Hernandez  
 Online course; 52.5 total instructional hours. Email nicole.hernandez@gcccd.edu by 1/26 and complete the orientation by 2/2.  
 4222 TBA WEB-WEB A.Hatfield  
 Online course; 52.5 total instructional hours. Email aimee.hatfield@gcccd.edu by 1/26 and complete the orientation by 2/2  
**S** 7142 TBA WEB-WEB A.Hatfield Jan 02-Jan 25  
 Online course; 52.5 total instructional hours. Email aimee.hatfield@gcccd.edu  
 4220 09:30AM-10:45AM MW R-111 K.Zink

**CD-126 Art for Child Development 3.0**  
 5117 08:00AM-09:15AM MW R-111 J.Allen  
 4224 04:00PM-05:15PM MW 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.  
**S** 4807 04:00PM-05:15PM TTH R-111 A.Cardenas  
 6755 04:00PM-07:20PM T D.Blaha Mar 30-May 23  
 Additional 3 hours instructional time/week via

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(CD-127-6755 continued)

Internet. Designed for East County Transitional Kindergarten cohort. Meets at Cajon Valley Union School District, 750 E Main St, El Cajon, CA 92020, room PD1. Contact instructor for enrollment information.

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

S 6746 08:00AM-12:00PM S R-111 T.Hanna Jan 27-Mar 21  
 12:30PM-03:45PM S R-111  
 Morning and afternoon are one class meeting.

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

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

S 4225 09:30AM-12:20PM TH R-111 A.Hatfield  
 6758 04:00PM-07:20PM T D.Blaha Jan 27-Mar 21  
 Additional 3 hours instructional time/week via Internet. Designed for East County Transitional Kindergarten cohort. Meets at Cajon Valley Union School District, 750 E Main St, El Cajon, CA 92020, room PD1. Contact instructor for enrollment information.

**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.

7141 09:30AM-12:35PM F R-111 A.Hatfield

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

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

0069 TBA WEB-WEB N.Hernandez  
 Online course; 52.5 total instructional hours. Email nicole.hernandez@gcccd.edu by 1/26 and complete the orientation by 2/2  
 5121 TBA WEB-WEB N.Hernandez  
 Online course; 52.5 total instructional hours. Email nicole.hernandez@gcccd.edu by 1/26 and complete the orientation by 2/2.  
 0815 08:00AM-09:15AM TTH R-111 N.Hernandez

**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.

9545 06:00PM-08:50PM T CCDC-CCDC K.Kotowski  
 7327 06:00PM-09:00PM TH CCDC-CCDC A.Cardenas


**CD-133 Field Exp: Student Teaching 2.0**

Prerequisite: "C" grade or higher or "Pass" in CD 106, 123, 125, 126, 127, 128, 129, 130, 131 or equivalent.  
 Corequisite: CD 132

8497 TBA K.Kotowski  
 A T.B. test, fingerprints, proof of immunizations required before practicum begins. Mandatory orientation Thursday 1/23 6-8:00pm in room R-115.  
 2 units=150 hours paid/120 hours unpaid work experience.  
 7328 TBA A.Cardenas  
 A T.B. test, fingerprints, proof of immunizations required before practicum begins. Mandatory orientation Thursday 1/23 6-8:00pm in room R-124. Students placed with Head Start will also need a physical and Head Start Orientation.  
 2 units=150 hours paid/120 hours unpaid work experience.

**CD-134 Health, Safety & Nutrition 3.0**

0816 TBA WEB-WEB L.Furry  
 Online course; 52.5 total instructional hours. Email laurie.furry@gcccd.edu by 1/26 and complete the orientation by 2/2.  
 1589 01:00PM-03:50PM W R-111 D.Ferrin

+ Satisfies Cal. State University General Education  
 # Satisfies Cuyamaca College General Education (includes Graduation Requirement)  
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**CD-136 Adult Supervision 3.0**  
 Recommended Preparation: 12 units of Child Development as defined by Title 22 licensing regulations: 3 units in Child Growth and Development (CD 125), 3 units in Child, Family and Community (CD 131), 6 units in Program Curriculum (CD 123 or 126 or 127 or 128 or 129 or 130).  
 4227 06:00PM-08:50PM TH R-111 D.Ferrin

**CD-138 Admin of CD Programs II 3.0**  
 Recommended Preparation: "C" grade or higher or "Pass" in CD 137 or equivalent.  
 7133 TBA WEB-WEB C.Stevens  
 Online course; 52.5 total instructional hours. Contact the instructor at carol.stevens@gcccd.edu by before 1/26 & complete online orientation by 2/2.

**CD-141 Work W/Children-Special Needs 3.0**  
 7393 09:30AM-12:20PM T R-111 K.Zink  
 4228 06:00PM-09:05PM M R-111 K.Zink

**CD-143 Planning: Infant/Toddler Care 3.0**  
 Recommended Preparation: "C" grade or higher or "Pass" in CD 124 or 125 or equivalent.  
 6762 06:00PM-08:50PM W R-111 N.Hernandez


**CD-153 Teaching in a Diverse Society 3.0**  
 S 5074 TBA WEB-WEB L.Furry Jan 02-Jan 25  
 Online course; 52.5 total instructional hours.  
 7140 TBA WEB-WEB L.Furry  
 Online course; 52.5 total instructional hours. Email laurie.furry@gcccd.edu by 1/26 & complete online orientation by 2/2.  
 1588 06:00PM-08:50PM T R-111 K.Zink

**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.  
 7139 TBA T.Hanna  
 A T.B. test, fingerprints, proof of immunizations required before practicum begins. Mandatory orientation Thursday 1/23 6-8:00pm in room R-111.  
 2 units=150 hours paid/120 hours unpaid work experience.

**CD-210 Children Challenging Behaviors 3.0**  
 8704 06:00PM-09:05PM M CCDC-CCDC M.Roberts

## CHEMISTRY

**+# CHEM-102 Gen, Organic, Biological Chem 5.0**  
 Optional \$10 materials fee may be charged. Safety glasses must be supplied by student.  
 Prerequisite: Grade of "Pass" in MATH 060 or MATH 096 or equivalent.  
 9551 08:00AM-09:50AM TTH F-702 R.Britt  
 10:00AM-12:50PM T H-403  
 Laboratory part of class meets in room H-403.  
 9553 12:00PM-01:50PM TTH F-408 R.Pedroza  
 02:00PM-04:50PM T H-403  
 Laboratory part of class meets in room H-403.  
 9552 12:00PM-01:50PM TTH F-408 R.Pedroza  
 02:00PM-04:50PM TH H-403  
 Laboratory part of class meets in room H-403.  
 9550 02:30PM-04:20PM MW F-505 C.Soans  
 04:30PM-07:20PM M H-403  
 Laboratory part of class meets in room H-403.

+ Satisfies Cal. State University General Education  
 # Satisfies Cuyamaca College General Education (includes Graduation Requirement)  
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**+# CHEM-120 Prep for General Chemistry 4.0**  
 Prep course for science/engineering majors. Optional \$10 materials fee may be charged. Safety glasses must be supplied by student.  
 Prerequisite: "C" grade or higher or "Pass" in MATH 110 or equivalent.  
 5101 08:00AM-09:15AM MW F-408 L.Le Blanc  
 09:25AM-12:15PM M H-403  
 Laboratory part of class meets in room H-403.  
 5102 08:00AM-09:15AM MW F-408 L.Le Blanc  
 09:25AM-12:15PM W H-403  
 Laboratory part of class meets in room H-403.  
 8766 11:30AM-12:45PM MW F-408 F.Chambers  
 01:00PM-03:50PM M H-403  
 Laboratory part of class meets in room H-403.  
 8767 11:30AM-12:45PM MW F-408 F.Chambers  
 01:00PM-03:50PM W H-403  
 Laboratory part of class meets in room H-403.  
 5140 05:30PM-06:45PM TTH H-133 L.Clare  
 06:55PM-09:45PM T H-403  
 Laboratory part of class meets in room H-403.

**+# 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.  
 7361 12:30PM-01:45PM MW F-614 R.Dutnall  
 09:30AM-12:20PM MW H-202  
 9353 12:30PM-01:45PM MW F-614 R.Dutnall  
 01:55PM-04:45PM MW H-202  
 6890 02:00PM-03:15PM MW F-702 A.Trammel  
 03:30PM-06:20PM MW H-204  
 9354 05:30PM-06:45PM MW F-505 J.Hermosillo  
 06:55PM-09:45PM MW 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.  
 8397 09:30AM-10:45AM TTH F-505 R.Dutnall  
 11:25AM-02:15PM TTH H-202  
 8398 02:00PM-03:15PM TTH F-505 M.Chen  
 03:30PM-06:20PM TTH H-202

**+ CHEM-231 Organic Chemistry I 5.0**  
 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.  
 6892 09:00AM-10:15AM MW F-702 W.Huang  
 10:30AM-01:20PM MW H-204


**+# CHEM-232 Organic Chemistry II 5.0**  
 Prerequisite: "C" grade or higher or "Pass" in CHEM 231 or equivalent.  
 8893 09:00AM-10:15AM TTH F-408 R.Anness  
 10:30AM-01:20PM TH H-204  
 09:00AM-11:50AM F H-204  
 1524 09:00AM-10:15AM TTH F-408 R.Anness  
 10:30AM-01:20PM T H-204  
 01:00PM-03:50PM F H-204

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 # Satisfies Cuyamaca College General Education (includes Graduation Requirement)  
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## COMPUTER INFORMATION SCI-CC

<b>+</b>	<b>CIS-110 Principles Information Systems</b>	<b>4.0</b>			
S	4017 TBA WEB-WEB D.Raney			Jan 27-Apr 25	
	Online course; 105 total instructional hours. See Canvas for orientation details. Microsoft Office using Access, Excel. Articulates with MIS 180 at SDSU.				
	5144 TBA WEB-WEB A.Zuckerman				
	Online course; 105 total instructional hours. Class orientation materials are located on Canvas. Microsoft Office 2013 using Access, Excel. Articulates with MIS 180 at SDSU.				
	5149 TBA WEB-WEB J.Johnson				
	Online course; 105 total instructional hours. See Canvas for orientation details. Microsoft Office using Access, Excel. Articulates with MIS 180 at SDSU.				
S	5143 TBA WEB-WEB L.Carver			Feb 03-May 02	
	Online course; 105 total instructional hours. Contact instructor for orientation information. Microsoft Office using Access, Excel. Articulates with MIS 180 at SDSU.				
	5141 06:00PM-09:05PM W E-204 C.Sharon				
	Additional 2 hours and 45 minutes instructional time/week via Internet. Microsoft Office using Access, Excel. Articulates with MIS 180 at SDSU.				
	<b>CIS-120 Computer Maintenance A+ Cert</b>	<b>3.0</b>			
	Recommended Preparation: Basic computer skills (basic knowledge of hardware, operating systems, applications software).				
S	5152 TBA WEB-WEB T.Phillips			Jan 27-Apr 25	
	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 details.				
S	5155 09:30AM-01:35PM M E-213 T.Phillips			Jan 27-Apr 25	
	Additional 3 hours 25 minutes instructional time/week via the Internet. See <a href="http://www.cuyamaca.edu/people/tim-phillips">www.cuyamaca.edu/people/tim-phillips</a> for orientation details.				
	<b>CIS-121 Network Cabling Systems</b>	<b>3.0</b>			
	Networking using CAT5 and fiber optic cabling. \$27 supplies fee due at registration.				
S	5156 09:30AM-01:10PM T E-211 T.Phillips			Jan 27-Apr 25	
	Additional 3 hours 25 minutes instructional time/week via the Internet. See <a href="http://www.cuyamaca.edu/people/tim-phillips">www.cuyamaca.edu/people/tim-phillips</a> for orientation details.				
	<b>CIS-125 Network+ Certification</b>	<b>3.0</b>			
	Recommended Preparation: Basic computer skills (basic knowledge of hardware, operating systems, applications software).				
S	4018 TBA WEB-WEB T.Phillips			Jan 27-Apr 25	
	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 details.				
	<b>CIS-191 Linux Operating System</b>	<b>3.0</b>			
	Prerequisite: "C" grade or higher or "Pass" in CIS 120 or 125 or equivalent or current CompTIA A+ or N+ certification.				
	0875 TBA WEB-WEB E.Sands				
	Online course; 87.5 total instructional hours. See class Canvas site for orientation details.				
	<b>CIS-201 CISCO Networking Academy I</b>	<b>3.0</b>			
	Recommended Preparation: "C" grade or higher or "Pass" in CIS 125 or equivalent.				
	4454 06:00PM-08:30PM M E-207 C.Sharon				
	Additional 2 hours and 20 minutes instructional time/week via Internet.				

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**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.  
4455 06:00PM-08:30PM TH E-207 A.Alam  
Additional 2 hours and 20 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.  
4456 06:00PM-08:30PM W E-207 P.Vitullo  
Additional 2 hours and 20 minutes instructional time/week via Internet.

**CIS-211 Web Development I 3.0**  
Recommended Preparation: Basic computer skills (ability to use the Internet, word process documents, manage electronic files).  
4462 TBA WEB-WEB J.Reed  
Online course; 87.5 total instructional hours.  
4458 09:30AM-12:20PM T E-204 J.Reed  
Additional 2 hours instructional time/week via Internet.

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

**CIS-215 JavaScript Web Programming 3.0**  
Recommended Preparation: "C" grade or higher or "Pass" in CIS 211 or equivalent or one year verifiable HTML and CSS coding experience.  
8345 TBA WEB-WEB T.Pelkie  
Online course; 87.5 total instructional hours.

**CIS-267 Directed Work Exp in CIS**  
Prerequisite: 12 units in CIS/CS courses related to field in which work experience is sought and current resume highlighting computer science or information system experience and course-related study.  
8849 TBA C.Sharon  
Mandatory orientation; contact Curtis Sharon at [curtis.sharon@gcccd.edu](mailto:curtis.sharon@gcccd.edu) or 619-660-4374.  
1 unit=75 hours paid/60 hours unpaid work experience. Instructor permission required to enroll.  
8850 TBA C.Sharon  
Mandatory orientation; contact Curtis Sharon at [curtis.sharon@gcccd.edu](mailto:curtis.sharon@gcccd.edu) or 619-660-4374.  
2 units=150 hours paid/120 hours unpaid work experience. Instructor permission required to enroll.  
8851 TBA C.Sharon  
Mandatory orientation; contact Curtis Sharon at [curtis.sharon@gcccd.edu](mailto:curtis.sharon@gcccd.edu) or 619-660-4374.  
3 units=225 hours paid/180 hours unpaid work experience. Instructor permission required to enroll.  
8853 TBA C.Sharon  
Mandatory orientation; contact Curtis Sharon at [curtis.sharon@gcccd.edu](mailto:curtis.sharon@gcccd.edu) or 619-660-4374.  
4 units = 300 hours paid/240 hours unpaid work experience. Instructor permission required to enroll.

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**CIS-270 Palo Alto Network Security I 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in CIS 201 and CIS 202, or CIS 125 and CIS 263.  
 Recommended Preparation: CCNA 1-4, CCNA Security, Security  
 6747 06:00PM-08:50PM T E-205 P.Vitullo  
 09:00PM-09:50PM T E-205

**CIS-290 Windows Server-Install, Config 2.0**  
 Using Server 2012.  
 Prerequisite: "C" grade or higher or "Pass" in CIS 190 or equivalent or current Microsoft Certified Technology Specialist (MCTS) 70-680 certification.  
 S 1714 TBA WEB-WEB J.Garibay Feb 03-May 02  
 Online course; 70 total instructional hours.

**COMMUNICATION**

**+# COMM-110 Intro to Mass Communication 3.0**  
 S 8248 TBA WEB-WEB K.Togerson Jan 02-Jan 25  
 Online course; 52.5 total instructional hours.  
 5841 TBA WEB-WEB K.Togerson  
 Online course; 52.5 total instructional hours.  
 8776 TBA WEB-WEB K.Togerson  
 Online course; 52.5 total instructional hours.


**+# COMM-120 Interpersonal Communication 3.0**  
 5845 08:00AM-09:15AM MW B-253 B.O'Donnell  
 9447 08:00AM-09:15AM TTH B-253 B.O'Donnell  
 5847 09:00AM-12:05PM F B-253 M.Kidwell  
 S 4682 09:00AM-12:05PM MTWTHF B-253 B.O'Donnell Jan 02-Jan 25  
 8243 09:30AM-10:45AM TTH B-253 N.Jennings  
 1869 11:00AM-12:15PM TTH B-253 N.Jennings  
 7385 11:00AM-12:15PM TTH B-162 K.Togerson  
 S 1945 12:30PM-03:35PM MTWTHF B-253 M.Lieberman Jan 02-Jan 25  
 5866 04:00PM-05:30PM W B-262 M.Kidwell  
 Additional 1 hour and 20 minutes instructional time/week via internet.  
 1137 06:30PM-09:20PM W B-253 C.Pearson

**+# COMM-122 Public Speaking 3.0**  
 5855 08:00AM-09:15AM MW B-262 N.Wier  
 5856 08:00AM-09:15AM TTH B-262 N.Wier  
 S 0358 08:00AM-11:05AM M HSHM-HSHM B.Chambers Jan 27-Jun 03  
 Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room 302. No meetings 3/30 to 4/3 (Spring Break). No meetings 5/22 (Memorial Day Weekend).  
 Registration for dual enrollment students at HSHMC only. Contact instructor for enrollment information.  
 7273 09:00AM-12:05PM F B-262 T.Romero  
 6551 09:30AM-10:45AM MW B-262 N.Wier  
 1457 11:00AM-12:15PM MW B-262 N.Wier  
 S 4683 12:30PM-03:35PM MTWTHF B-164 T.Romero Jan 02-Jan 25  
 8246 01:30PM-04:20PM W B-253 N.Jennings  
 1138 02:00PM-03:30PM M B-262 M.Lieberman  
 Additional 1 hour 20 minutes instructional time/week via Internet.

**+# COMM-124 Intercultural Communication 3.0**  
 S 6935 09:30AM-12:05PM TTH B-262 N.Wier Jan 27-Mar 21

**+# COMM-137 Critical Thinking Group Comm 3.0**  
 4306 09:30AM-10:45AM MW B-253 N.Jennings


**+# COMM-145 Argumentation 3.0**  
 4308 11:00AM-12:15PM MW B-253 N.Jennings

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**COUNSELING**


	<b>COUN-095</b>	<b>Academic/Financial Aid Plan</b>	<b>0.5</b>		
	Pass/No Pass Only.				
S	6911	08:00AM-12:00PM	F	E-210	M.Montano Jan 24-Jan 24
		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	6917	08:00AM-12:00PM	F	B-154	M.Montano Feb 21-Feb 21
		12:30PM-05:00PM	F	B-154	
	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	6914	08:00AM-12:00PM	S	E-210	S.Armenta Feb 01-Feb 01
		12:30PM-05:00PM	S	E-210	
	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	6918	08:00AM-12:00PM	S	E-210	S.Armenta Apr 18-Apr 18
		12:30PM-05:00PM	S	E-210	
	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.				
<b>+</b>	<b>COUN-120</b>	<b>College and Career Success</b>	<b>3.0</b>		
S	0881	TBA	WEB-WEB	C.Morrin	Jan 27-Mar 21
	Online course; 52.5 total instructional hours. Familiarity with computers, high speed Internet required. Go to <a href="http://www.cuyamaca.edu/cindymorrin">www.cuyamaca.edu/cindymorrin</a> for orientation and all course information.				
S	4844	TBA	WEB-WEB	N.Keeley	Jan 27-Mar 21
	Online course; 52.5 total instructional hours.				
	0882	TBA	WEB-WEB	M.Fralick	
	Online course; 52.5 total instructional hours. Familiarity with computers, high speed Internet required. See <a href="http://www.collegesuccess1.com/online.htm">www.collegesuccess1.com/online.htm</a>				
S	0883	TBA	WEB-WEB	C.Morrin	Mar 30-May 23
	Online course; 52.5 total instructional hours. Familiarity with computers, and high speed Internet required. See <a href="http://www.cuyamaca.edu/cindymorrin">www.cuyamaca.edu/cindymorrin</a> to complete the mandatory online orientation by 4/4.				
S	7445	TBA	WEB-WEB	C.Morrin	Mar 30-May 23
	Online course; 52.5 total instructional hours. Familiarity with computers, and high speed Internet required. See <a href="http://www.cuyamaca.edu/cindymorrin">www.cuyamaca.edu/cindymorrin</a> to complete the mandatory online orientation by 4/4.				
	7157	09:30AM-10:45AM	TTH	A-112	A.Blyumin
	1313	12:30PM-01:45PM	MW	E-227	A.Yassi
S	6923	06:00PM-09:05PM	MW	A-112	STAFF Mar 30-May 23
<b>+</b>	<b>COUN-140</b>	<b>Self Awareness &amp; Interpersonal</b>	<b>3.0</b>		
	6928	12:30PM-01:45PM	TTH	A-112	R.Jerjis
	<b>COUN-150</b>	<b>Transfer Success</b>	<b>1.0</b>		
S	7162	TBA	WEB-WEB	STAFF	Mar 30-May 23
	Online course; 17.5 total instructional hours.				
S	7163	TBA	WEB-WEB	STAFF	Mar 30-May 23
	Online course; 17.5 total instructional hours.				

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(COUN-150 continued)


S 6929 09:30AM-11:45AM F B-269 S.Gonzalez Jan 27-Mar 21  
This course is part of the Pathway Academy program.

 \*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. For enrollment information contact the instructor.

S 6931 09:30AM-11:45AM F B-365 D.Mendoza Jan 27-Mar 21  
This course is part of the Pathway Academy program.

 \*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. For enrollment information contact the instructor.

S 6932 09:30AM-11:45AM F B-360 C.Cuz-Flores Jan 27-Mar 21  
This course is part of the Pathway Academy program.

 \*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. For enrollment information contact the instructor.

## COMPUTER SCIENCE-CC

### **CS-119 Program Design & Development 3.0**

Corequisite: CS 119L

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

4451 TBA WEB-WEB D.Sullivan

Online course; 52.5 total instructional hours. Requires concurrent enrollment in CS 119L #4452.

9591 06:00PM-07:30PM T E-212 J.Gerstenberg  
Additional 1 hour 20 minutes instructional time/week via Internet. Requires concurrent enrollment in CS 119L #9592.

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

Corequisite: CS 119

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

4452 TBA WEB-WEB D.Sullivan

Online course; 52.5 total instructional hours. Requires concurrent enrollment in CS 119 #4451.

9592 07:50PM-09:20PM T E-212 J.Gerstenberg  
Additional 1 hour 20 minutes instructional time/week via Internet. Requires concurrent enrollment in CS 119 #9591.

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

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

8351 TBA WEB-WEB A.Antwan

Online course; 105 total instructional hours. Email azhar.antwan@gcccd.edu by 1/25.

4453 06:00PM-09:50PM TH E-212 L.Carver  
Additional 2 instructional hours/week via Internet.

### **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.

0077 TBA WEB-WEB T.Volkman

Online course; 105 total instructional hours.

### **CS-281 Intermediate C++ Programming 4.0**


Prerequisite: "C" grade or higher or "Pass" in CS 181 or equivalent.

8759 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)

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**CS-282 Intermediate Java Programming 4.0**  
 Using Netbeans 6.x  
 Prerequisite: "C" grade or higher or "Pass" in CS 182 or equivalent.  
 1719 06:00PM-09:50PM M E-212 J.Gerstenberg  
 Additional 2 instructional hours/week via Internet.

**CENTER FOR WATER STUDIES**

**CWS-100 Careers in Water & Wastewater 3.0**  
 S 4988 06:00PM-09:15PM MW L-102 M.Uhrhammer Jan 27-Mar 21

**CWS-101 Fund of Water & Wastewater 3.0**  
 Overview of the water/wastewater field and issues confronting the industry. Formerly WWTR 101.  
 S 4966 06:00PM-09:15PM MW L-104 J.Young Jan 27-Mar 21

**CWS-102 Calc in Water & Wastewater 3.0**  
 Mathematical principles in solving problems related to Water Distribution and Treatment Systems. Formerly WWTR 102.  
 Recommended Preparation: Competency in basic math.  
 S 4974 06:00PM-09:05PM TTH L-104 J.Young Jan 27-Mar 21

**CWS-103 Water Resources Management 3.0**  
 S 4975 06:00PM-09:05PM MW L-101 M.Uhrhammer Mar 30-May 23

**CWS-107 Safety in Water & Wastewater 3.0**  
 S 6767 06:00PM-09:05PM TTH L-102 J.MacKey Jan 27-Mar 21

**CWS-130 Water Distribution Systems 3.0**  
 Fundamentals of the design, operation, and maintenance of a drinking water distribution system. Formerly WWTR 130.  
 Recommended Preparation: "C" grade or higher or "Pass" in CWS 102 or equivalent.  
 S 4983 06:00PM-09:05PM MW L-104 J.Young Mar 30-May 23


**CWS-204 Applied Hydraulics 3.0**  
 Formerly WWTR 104.  
 Recommended Preparation: "C" grade or higher or "Pass" in CWS 102 or equivalent.  
 S 4977 06:00PM-09:05PM TTH L-104 J.Young Mar 30-May 23

**CWS-207 Pract Skills in WWTR Systems 2.0**  
 Prerequisite: "C" grade or higher or "Pass" in CWS 107 or equivalent.  
 S 7411 06:00PM-07:20PM MW L-102 J.MacKey Mar 30-May 23  
 07:30PM-08:50PM MW L-102

**CWS-210 Adv Lab Analysis Wtr/Wastewtr 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in CWS 110 or equivalent.  
 S 6800 06:00PM-09:05PM TTH L-102 D.Chapin Mar 30-May 23

**CWS-212 Adv Water Treatment Plnt Oper 3.0**  
 Formerly WWTR 117.  
 Prerequisite: "C" grade or higher or "Pass" in CWS 112 or equivalent.  
 S 6770 06:00PM-09:05PM TTH L-103 C.Palechek Mar 30-May 23

**CWS-214 Adv Wastewtr Treatm Plant Ops 3.0**  
 Wastewater treatment process units; equipment and facilities operations. Formerly WWTR 120.  
 Prerequisite: "C" grade or higher or "Pass" in CWS 114 or equivalent.  
 S 5063 06:00PM-09:05PM MW L-103 P.Porras Mar 30-May 23

+ Satisfies Cal. State University General Education  
 # Satisfies Cuyamaca College General Education (includes Graduation Requirement)  
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	<b>CWS-232 Adv Wastewater Collection Sys</b>	<b>3.0</b>			
	Formerly WWTR 267. Prerequisite: "C" grade or higher or "Pass" in CWS 132 or equivalent.				
S	6768	06:00PM-09:05PM	TTH	L-103	B.Ayers Jan 27-Mar 21
	<b>CWS-280 Backflow Tester Training</b>	<b>2.0</b>			
	Preparation for the AWWA and ABPA certification exams. Formerly WWTR 280.				
S	4990	06:00PM-07:30PM	MW	L-101	F.Garcia Jan 27-Mar 21
		07:40PM-09:05PM	MW	L-101	
	Certification testing is available Sat. 3/21. Students must pay additional fees directly to ABPA (approximately \$85) or AWWA (approximately \$200). Preparation for the AWWA and ABPA certification exams.				
	<b>CWS-284 Cross-Conn Cntrl Spec Reclaimd</b>	<b>3.0</b>			
	Formerly WWTR 284.				
S	4991	06:00PM-09:05PM	TTH	L-101	D.Stoltz Mar 30-May 23
	<b>CWS-290 Cooperative Work Experience</b>				
	Application of classroom experiences in industry. Formerly WWTR 290. Recommended Preparation: Successful completion of at least three Water/Wastewater technology courses prior to enrolling in Cooperative Work Experience is highly recommended.				
	4992	TBA		B.Ayers	
	Required orientation Mon. 2/3, 4:30pm in L-103; second orientation TBA. 1 unit=75 hours paid/60 hours non-paid work experience.				
	4993	TBA		B.Ayers	
	Required orientation Mon. 2/3, 4:30pm in L-103; second orientation TBA. 2 units=150 hours paid/120 hours non-paid work experience.				
	4995	TBA		B.Ayers	
	Required orientation Mon. 2/3, 4:30pm in L-103; second orientation TBA. 3 units=225 hours paid/180 hours non-paid work experience.				
	5061	TBA		B.Ayers	
	Required orientation Mon. 2/3, 4:30pm in L-103; second orientation TBA. 4 units=300 hours paid/240 hours non-paid work experience.				

## ECONOMICS

<b>+#</b>	<b>ECON-110</b>	<b>Economic Issues and Policies</b>	<b>3.0</b>		
S	6819	TBA	WEB-WEB	D.Fitch	Jan 27-Mar 21
	Online course; 52.5 instructional hours.				
<b>+#</b>	<b>ECON-120</b>	<b>Principles of Macroeconomics</b>	<b>3.0</b>		
	ECON 120, 121 may be taken in any order or simultaneously. Prerequisite: "C" grade or higher or "Pass" in MATH 110 or equivalent (MATH 110 is recommended for Business Majors).				
S	4235	TBA	WEB-WEB	J.Kearns	Jan 02-Jan 25
	Online course; 52.5 instructional hours.				
S	4233	TBA	WEB-WEB	J.Kearns	Jan 27-Mar 21
	Online course; 52.5 instructional hours.				
	6825	TBA	WEB-WEB	J.Kearns	
	Online course; 52.5 instructional hours.				
S	6832	TBA	WEB-WEB	J.Kearns	Mar 30-May 23
	Online course; 52.5 instructional hours.				
	9355	11:00AM-12:15PM	MW	E-223	J.Kearns

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**+# ECON-121 Principles of Microeconomics 3.0**  
 ECON 120, 121 may be taken in any order or simultaneously.  
 Prerequisite: "C" grade or higher or "Pass" in MATH 110 or equivalent (MATH 110 is recommended for Business Majors).  
 S 4484 TBA WEB-WEB J.Kearns Mar 30-May 23  
 Online course; 52.5 instructional hours.  
 S 6821 TBA WEB-WEB J.Kearns Jan 02-Jan 25  
 Online course; 52.5 instructional hours.  
 6823 TBA WEB-WEB J.Kearns  
 Online course; 52.5 instructional hours.  
 1161 12:30PM-01:45PM MW E-223 J.Kearns  
 7143 06:30PM-08:20PM TH E-227 A.Zambelli  
 Additional 1 hours and 40 minutes instructional time/week via Internet.

**ENVIRONMENTAL HEALTH/SAFETY**

**EHSM-100 Environmental & OSH Tech 4.0**  
 Overview of Environmental Safety and health management and occupational management.  
 7146 TBA WEB-WEB J.Godfrey  
 Online course; 70 instructional hours.  
 5050 06:00PM-09:50PM T E-210 J.Godfrey

**EHSM-130 Health Effects Hazardous Mat 3.0**  
 6805 06:00PM-08:50PM TH E-210 J.Godfrey

**EHSM-150 Hazardous Waste Mgmt Applic 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in EHSM 100 or equivalent or concurrent enrollment.  
 7147 TBA WEB-WEB J.Godfrey  
 Online course; 70 instructional hours.


**EHSM-200 Hazardous Materials Mgmt Apps 4.0**  
 Recommended Preparation: "C" grade or higher or "Pass" in EHSM 100 or equivalent or concurrent enrollment.  
 7148 TBA WEB-WEB J.Godfrey  
 Online course; 70 instructional hours.

**EHSM-210 Wastewater & Stormwater Mgmt 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in EHSM 100 or equivalent or concurrent enrollment.  
 6807 06:00PM-10:05PM M F-620 D.Ivester

**EHSM-215 Air Quality Management 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in EHSM 100 or equivalent or concurrent enrollment.  
 6808 06:00PM-08:50PM W F-620 P.Clifford

**EHSM-230 Hazwoper Certification 3.0**  
 S 5263 08:00AM-12:00PM MTWTHFS F-620 STAFF Mar 02-Mar 07  
 12:30PM-05:00PM MTWTHFS F-620  
 Classes are held over one week from 3/4 - 3/9. Morning and afternoon are one class meeting.  
 S 4956 08:00AM-12:00PM S F-620 STAFF Apr 04-May 09  
 12:30PM-05:00PM S F-620  
 Saturday class meetings morning and afternoon are one meeting.  
 Saturday class visit with instructor for details.

**EHSM-240 Cooperative Work Experience**  
 Application of classroom experience in industry. For orientation details call 619-660-4296.  
 Prerequisite: "C" grade or higher or "Pass" in EHSM 100 or equivalent.  
 8943 TBA D.Ivester  
 1 unit=75 hours paid/60 hours unpaid work experience.

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(EHSM-240 continued)

8944 TBA D.Ivester  
2 units=150 hours paid/120 hours unpaid work experience.  
8946 TBA D.Ivester  
3 units=225 hours paid/180 hours unpaid work experience.  
8948 TBA D.Ivester  
4 units=300 hours paid/240 hours unpaid work experience.

**ENGLISH**

**ENGL-020 Support-Freshman Composition 1.0**

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

4375 TBA WEB-WEB L.Crane

Online course; 17.5 total instructional hours. Student must be concurrently enrolled in ENGL 120 #4376. Familiarity with computers required, high speed internet recommended.

4377 TBA WEB-WEB K.Lenox

Online course; 17.5 total instructional hours. Student must be concurrently enrolled in ENGL 120 #4378. Familiarity with computers required, high speed internet recommended.

S 7090 TBA WEB-WEB C.Luna Jan 27-Mar 21

Online course; 17.5 total instructional hours. Student must be concurrently enrolled in ENGL 120 #7091. Familiarity with computers required, high speed internet recommended.

0018 10:00AM-10:50AM M B-268 M.Bucky

Student must be concurrently enrolled in ENGL 120 #0019.

0022 11:30AM-12:20PM TH B-270 B.Kuhn

Student must be concurrently enrolled in ENGL 120 #0023.

0029 11:30AM-12:20PM W B-268 R.Stafford

Student must be concurrently enrolled in ENGL 120 #0030.

4379 01:00PM-01:50PM M B-268 K.McGregor

Student must be concurrently enrolled in ENGL 120 #4380.

4381 01:30PM-02:20PM TH B-268 K.Wolfe

Student must be concurrently enrolled in ENGL 120 #4382.

4383 03:30PM-04:20PM T B-268 C.Ortiz

Student must be concurrently enrolled in ENGL 120 #4384.

**+# ENGL-120 College Composition & Reading 3.0**

Traditional freshman composition course.

Prerequisite: "C" grade or higher or "Pass" in ENGL 099 or ESL 2B or equivalent or assessment

1563 TBA WEB-WEB K.Lenox

Online course; 70 total instructional hours. Familiarity with computers required; high speed internet recommended.

4376 TBA WEB-WEB L.Crane

Online course; 70 total instructional hours. Student must be concurrently enrolled in ENGL 020 #4375. Familiarity with computers required, high speed internet recommended.

4378 TBA WEB-WEB K.Lenox

Online course; 70 total instructional hours. Student must be concurrently enrolled in ENGL 020 #4377. Familiarity with computers required, high speed internet recommended.

4387 TBA WEB-WEB L.Crane

Online course; 70 total instructional hours. Familiarity with computers required, high speed internet recommended.

8259 TBA WEB-WEB R.Bacchia

Online course; 70 total instructional hours. Familiarity with computers required; high speed internet recommended.

S 7091 TBA WEB-WEB C.Luna Jan 27-Mar 21

Online course; 70 total instructional hours. Student must be concurrently enrolled in ENGL 020 #7090. Familiarity with computers required, high speed internet recommended.

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(ENGL-120 continued)

S	7096	TBA	WEB-WEB T.Jabour	Jan 27-Mar 21
			Online course; 70 total instructional hours. Familiarity with computers required; high speed internet recommended.	
	0019	08:00AM-09:50AM	M	B-269 M.Bucky
		08:00AM-08:50AM	W	B-269
		09:00AM-09:50AM	W	B-269
		Student must be concurrently enrolled in ENGL 020 #0018.		
S	7247	08:00AM-10:50AM	T	HSHM-HSHM M.Thayre Jan 27-May 29
		11:00AM-11:50AM	T	HSHM-HSHM
		Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room 211. No meetings 3/30 to 4/3 (Spring Break). No meetings 5/22 (Memorial Day Weekend). Registration for dual enrollment students at HSHMC only. Contact instructor for enrollment information.		
	6963	09:30AM-10:20AM	T	B-271 K.Marrujo
		10:30AM-11:20AM	T	B-268
		09:30AM-11:20AM	TH	B-271
	0030	09:30AM-11:20AM	M	B-365 R.Stafford
		09:30AM-10:20AM	W	B-365
		10:30AM-11:20AM	W	B-365
		Student must be concurrently enrolled in ENGL 020 #0029.		
	0023	09:30AM-11:20AM	T	B-269 B.Kuhn
		09:30AM-10:20AM	TH	B-269
		10:30AM-11:20AM	TH	B-269
		Student must be concurrently enrolled in ENGL 020 #0022.		
	4380	11:00AM-11:50AM	M	B-269 K.McGregor
		12:00PM-12:50PM	M	B-269
		11:00AM-12:50PM	W	B-269
		Student must be concurrently enrolled in ENGL 020 #4379.		
	4382	11:30AM-12:20PM	T	B-269 K.Wolfe
		12:30PM-01:20PM	T	B-269
		11:30AM-01:20PM	TH	B-269
		Student must be concurrently enrolled in ENGL 020 #4381.		
	1817	11:30AM-01:20PM	M	B-365 L.Brazil
		11:30AM-12:20PM	W	B-365
		12:30PM-01:20PM	W	B-268
	4385	11:30AM-01:20PM	T	B-271 K.Marrujo
		11:30AM-12:20PM	TH	B-271
		12:30PM-01:20PM	TH	B-268
		Latinx themed class.		
	6962	01:30PM-02:20PM	M	B-271 K.Marrujo
		02:30PM-03:20PM	M	B-268
		01:30PM-03:20PM	W	B-271
	4384	01:30PM-02:20PM	T	B-269 C.Ortiz
		02:30PM-03:20PM	T	B-269
		01:30PM-03:20PM	TH	B-269
		Student must be concurrently enrolled in ENGL 020 #4383.		
	5259	06:00PM-07:50PM	T	B-360 K.McGregor
		06:00PM-06:50PM	TH	B-360
		07:00PM-07:50PM	TH	B-270

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

4371	TBA	WEB-WEB B.Kuhn		
		Online course; 52.5 total instructional hours. Familiarity with computers required; high speed internet recommended.		
4372	09:30AM-10:45AM	TTH	B-171	L.Brazil
		Children's literature themed class.		

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**+# ENGL-124 Advanced Composition 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in ENGL 120 or equivalent.  
 0582 TBA WEB-WEB T.Adlpvar  
 Online course; 70 total instructional hours. Familiarity with computers required, high speed internet recommended.  
 1949 TBA WEB-WEB T.Larson  
 Online course; 70 total instructional hours. Familiarity with computers required, high speed internet recommended.  
 5122 TBA WEB-WEB K.Allen  
 Online course; 70 total instructional hours. Familiarity with computers required, high speed internet recommended.  
 6572 TBA WEB-WEB R.Stafford  
 Online course; 70 total instructional hours. Familiarity with computers required, high speed internet recommended.  
 S 7097 TBA WEB-WEB C.Luna Mar 30-May 23  
 Online course; 70 total instructional hours. Familiarity with computers required; high speed internet recommended.  
 S 7412 TBA WEB-WEB R.Bacchia Mar 30-May 23  
 Online course; 70 total instructional hours. Familiarity with computers required; high speed internet recommended.  
 6967 08:00AM-08:50AM T B-365 A.Wade  
 09:00AM-09:50AM T B-268  
 08:00AM-09:50AM TH B-365  
 S 7250 08:00AM-10:50AM TH HSHM-HSHM M.Thayre Jan 27-May 29  
 11:00AM-11:50AM TH HSHM-HSHM  
 Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room 211. No meetings 3/30 to 4/3 (Spring Break). No meetings 5/22 (Memorial Day Weekend).  
 Registration for dual enrollment students at HSHMC only. Contact instructor for enrollment information.  
 8790 09:30AM-11:20AM M B-360 K.Allen  
 09:30AM-10:20AM W B-360  
 10:30AM-11:20AM W B-270  
 5324 09:30AM-11:20AM T B-360 K.Wolfe  
 09:30AM-10:20AM TH B-360  
 10:30AM-11:20AM TH B-268  
 5323 11:30AM-01:20PM M B-360 B.Kuhn  
 11:30AM-12:20PM W B-360  
 12:30PM-01:20PM W B-270  
 4723 11:30AM-01:20PM T B-360 K.McGregor  
 11:30AM-12:20PM TH B-360  
 12:30PM-01:20PM TH B-270  
 5325 01:30PM-03:20PM M B-360 B.Kuhn  
 01:30PM-02:20PM W B-360  
 02:30PM-03:20PM W B-268

**ENGL-126 Creative Writing 3.0**  
 Prerequisite: Placement into ENGL 120 or equivalent.  
 6523 09:30AM-10:45AM MW B-171 K.Marrujo

**ENGL-200 Cooperative Work Exp. English 1.0**  
 7294 TBA L.Halsted  
 For enrollment information contact lauren.halsted@gcccd.edu.  
 1 unit=75 hours paid/60 hours unpaid work experience

**+# ENGL-201 Images of Women in Literature 3.0**  
 Recommended Preparation: "C" grade or higher or "Pass" in ENGL 120 or equivalent.  
 6976 11:00AM-12:15PM TTH B-171 T.Jabour


**+# ENGL-222 British Literature II 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in ENGL 120 or equivalent.  
 Recommended Preparation: "C" grade or higher or "Pass" in ENGL 122 or equivalent.  
 6975 11:00AM-12:15PM MW B-171 M.Graham

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**ENGINEERING**

<b>#</b>	<b>ENGR-100</b>	<b>Intro to Engineering &amp; Design</b>	<b>4.0</b>		
5247	08:00AM-10:50AM	T	F-301	D.Tibbets	
	08:00AM-10:50AM	TH	F-301		
5246	02:00PM-04:50PM	T	F-301	K.Murray	
	02:00PM-04:50PM	TH	F-301		
6885	06:00PM-08:50PM	M	F-301	H.Bahraseman	
	06:00PM-08:50PM	W	F-301		
7285	06:30PM-09:20PM	T	F-301	K.Murray	
	06:30PM-09:20PM	TH	F-301		
	<b>ENGR-119</b>	<b>Basic Engineering CAD</b>	<b>3.0</b>		
	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.				
7315	04:00PM-04:50PM	MW	F-601	C.Saghafi	
	05:00PM-06:50PM	MW	F-601		
1946	04:00PM-04:50PM	TTH	F-601	C.Saghafi	
	05:00PM-06:50PM	TTH	F-601		
	<b>ENGR-120</b>	<b>Engineering Computer Apps</b>	<b>3.0</b>		
	Prerequisite: "C" grade or higher or "Pass" in MATH 180 or equivalent or concurrent enrollment.				
1888	11:00AM-11:50AM	TTH	F-301	K.Murray	
	12:00PM-01:15PM	TTH	F-301		
	<b>ENGR-129</b>	<b>Engineering Solid Modeling</b>	<b>3.0</b>		
	Prerequisite: "C" grade or higher or "Pass" in CADD 115 or ENGR 100 or equivalent.				
4219	07:00PM-07:50PM	MW	F-601	C.Saghafi	
	08:00PM-09:50PM	MW	F-601		
	Also listed as CADD 129 #4218.				
	<b>ENGR-200</b>	<b>Engineering Mechanics-Statics</b>	<b>3.0</b>		
	Prerequisite: "C" grade or higher or "Pass" in PHYC 190 or equivalent.				
	Corequisite: MATH 280 or previous enrollment.				
6873	12:30PM-01:45PM	TTH	H-113	D.Greenhalgh	
7180	04:00PM-05:15PM	MW	F-301	A.Schraff	
	<b>ENGR-210</b>	<b>Electric Circuits</b>	<b>4.0</b>		
	Prerequisite: "C" grade or higher or "Pass" in MATH 280, PHYC 200 or equivalent.				
5256	08:00AM-09:15AM	MW	E-223	M.Kutzman	
	09:30AM-12:20PM	M	F-301		
8360	08:00AM-09:15AM	MW	E-223	M.Kutzman	
	09:30AM-12:20PM	W	F-301		
	<b>ENGR-218</b>	<b>Plane Surveying</b>	<b>4.0</b>		
	Prerequisite: "C" grade or higher or "Pass" in MATH 170 or MATH 176, or equivalent or concurrent enrollment.				
5257	08:00AM-09:50AM	S	F-614	D.Woolley	
	10:00AM-01:10PM	S	F-614		
	01:40PM-04:30PM	S	F-614		
	Also listed as SURV 218 #5868.				
	<b>ENGR-220</b>	<b>Engineering Mechanics-Dynamics</b>	<b>3.0</b>		
	Prerequisite: "C" grade or higher or "Pass" in ENGR 200 or equivalent.				
6880	02:30PM-03:45PM	MW	H-113	M.Soro	
6878	05:00PM-06:15PM	TTH	F-402	M.Soro	

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**ENGR-260 Engineering Materials 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in PHYC 190 or equivalent.  
 Corequisite: CHEM 141 or previous enrollment.  
 6882 10:00AM-11:15AM MW H-224 H.Bahraseman

**ENGR-270 Digital Design 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in MATH 175 or 176 or equivalent.  
 6883 01:00PM-02:15PM MW F-301 M.Kutzman  
 02:25PM-03:40PM MW F-301

**EXERCISE SCIENCE**

**ES-001 Adapted Physical Exercise 1.0**  
 9482 09:30AM-10:20AM T D-203 J.Tomaschke  
 09:30AM-10:20AM TH D-203  
 4783 11:00AM-11:50AM M D-203 D.Proffitt  
 11:00AM-11:50AM W D-203

**ES-009A Beginning Aerobic Dance Ex 1.0**  
 8747 09:30AM-10:20AM M D-205 S.Nordquist  
 09:30AM-10:20AM W D-205  
 8748 09:30AM-10:20AM T D-205 S.Nordquist  
 09:30AM-10:20AM TH D-205  
 4165 05:00PM-05:50PM M D-205 L.Dillard  
 05:00PM-05:50PM W D-205

**ES-009B Intermediate Aerobic Dance Ex 1.0**  
 Recommended Preparation: "C" grade or higher or "Pass" in ES 009A or equivalent or specified skill competencies.  
 8516 09:30AM-10:20AM M D-205 S.Nordquist  
 09:30AM-10:20AM W D-205  
 8519 09:30AM-10:20AM T D-205 S.Nordquist  
 09:30AM-10:20AM TH D-205  
 4166 05:00PM-05:50PM M D-205 L.Dillard  
 05:00PM-05:50PM W D-205


**ES-009C Advanced Aerobic Dance Ex 1.0**  
 Recommended Preparation: "C" grade or higher or "Pass" in ES 009B or equivalent or specified skill competencies.  
 8517 09:30AM-10:20AM M D-205 S.Nordquist  
 09:30AM-10:20AM W D-205  
 8524 09:30AM-10:20AM T D-205 S.Nordquist  
 09:30AM-10:20AM TH D-205  
 4167 05:00PM-05:50PM M D-205 L.Dillard  
 05:00PM-05:50PM W D-205

# **ES-010 Cardio Fitness and Nutrition 1.0**  
 7028 09:00AM-09:50AM F D-202 B.Hiatt-Aleu  
 10:00AM-12:05PM F D-203  
 1710 09:30AM-10:45AM MW D-203 L.Dillard

**ES-011 Circuit Training 1.0**  
 8218 11:00AM-12:15PM TTH D-203 L.Dillard  
 Emphasizes circuit training. Fitness Center courses have activity and academic requirements.


# **ES-013 Flexibility Fitness 1.5**  
 4170 05:00PM-06:50PM TH D-205 J.Tomaschke  
 Additional 1 instructional hour/week via Internet.

# **ES-014A Beginning Body Building 1.5**  
 7115 11:00AM-12:50PM M D-401 P.Thiss  
 11:00AM-11:50AM W D-401  
 4569 11:00AM-12:50PM T D-401 P.Thiss  
 11:00AM-11:50AM TH D-401

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 # Satisfies Cuyamaca College General Education (includes Graduation Requirement)  
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#	<b>ES-014B Intermediate Body Building</b>	<b>1.5</b>
	Recommended Preparation: "C" grade or higher or "Pass" in ES 014A or equivalent.	
	7129 11:00AM-12:50PM	M D-401 P.Thiss
		11:00AM-11:50AM W D-401
	4570 11:00AM-12:50PM	T D-401 P.Thiss
		11:00AM-11:50AM TH D-401
#	<b>ES-014C Advanced Body Building</b>	<b>1.5</b>
	Recommended Preparation: "C" grade or higher or "Pass" in ES 014B or equivalent.	
	7131 11:00AM-12:50PM	M D-401 P.Thiss
		11:00AM-11:50AM W D-401
	4571 11:00AM-12:50PM	T D-401 P.Thiss
		11:00AM-11:50AM TH D-401
+	<b>ES-019A Beginning Physical Fitness</b>	<b>1.5</b>
	1819 08:30AM-09:20AM	TTH D-203 S.Nordquist
	Additional 1 instructional hour/week via Internet. Emphasis Boot Camp.	
	6937 11:00AM-11:50AM	MW D-205 S.Nordquist
	Additional 1 instructional hour/week via Internet.	
+	<b>ES-019B Intermediate Physical Fitness</b>	<b>1.5</b>
	Recommended Preparation: "C" grade or higher or "Pass" in ES 019A or equivalent.	
	1820 08:30AM-09:20AM	TTH D-203 S.Nordquist
	Additional 1 instructional hour/week via Internet. Emphasis Boot Camp.	
	6938 11:00AM-11:50AM	MW D-205 S.Nordquist
	Additional 1 instructional hour/week via Internet.	
+	<b>ES-019C Advanced Physical Fitness</b>	<b>1.5</b>
	Recommended Preparation: "C" grade or higher or "Pass" in ES 019B or equivalent.	
	1821 08:30AM-09:20AM	TTH D-203 S.Nordquist
	Additional 1 instructional hour/week via Internet. Emphasis Boot Camp.	
	6939 11:00AM-11:50AM	MW D-205 S.Nordquist
	Additional 1 instructional hour/week via Internet.	
	<b>ES-028A Beginning Yoga</b>	<b>1.5</b>
	7024 11:00AM-11:50AM	TTH D-205 J.Tomaschke
	Additional 1 instructional hour/week via Internet.	
	7029 05:00PM-06:50PM	T D-205 J.Tomaschke
	Additional 1 instructional hour/week via Internet.	
	<b>ES-028B Intermediate Yoga</b>	<b>1.5</b>
	Recommended Preparation: ES 028A Beginning Yoga	
	7025 11:00AM-11:50AM	TTH D-205 J.Tomaschke
	Additional 1 instructional hour/week via Internet.	
	7034 05:00PM-06:50PM	T D-205 J.Tomaschke
	Additional 1 instructional hour/week via Internet.	
#	<b>ES-028C Advanced Yoga</b>	<b>1.5</b>
	Recommended Preparation: ES 028B Intermediate Yoga	
	7027 11:00AM-11:50AM	TTH D-205 J.Tomaschke
	Additional 1 instructional hour/week via Internet.	
	7035 05:00PM-06:50PM	T D-205 J.Tomaschke
	Additional 1 instructional hour/week via Internet.	
	<b>ES-060A Beginning Badminton</b>	<b>1.0</b>
	4171 06:00PM-06:50PM	M D-100 S.McNary
		07:00PM-07:50PM M D-100

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**ES-060B Intermediate Badminton 1.0**  
 Emphasis on stroke analysis, strategy, match play.  
 Recommended Preparation: "C" grade or higher or "Pass" in ES 060A or equivalent.  
 4172 06:00PM-06:50PM M D-100 S.McNary  
 07:00PM-07:50PM M D-100

**ES-060C Advanced Badminton 1.0**  
 Recommended Preparation: "C" grade or higher or "Pass" in ES 060B or equivalent.  
 4173 06:00PM-06:50PM M D-100 S.McNary  
 07:00PM-07:50PM M D-100

**ES-076A Beginning Tennis 1.0**  
 Fundamentals of the official singles/doubles game.  
 9487 08:30AM-09:20AM F TC-TC L.Shupe  
 09:30AM-10:20AM F TC-TC

**ES-076B Intermediate Tennis 1.0**  
 Emphasis on stroke analysis, strategy, match play.  
 Recommended Preparation: "C" grade or higher or "Pass" in ES 076A or equivalent.  
 9489 08:30AM-09:20AM F TC-TC L.Shupe  
 09:30AM-10:20AM F TC-TC

**ES-076C Advanced Tennis 1.0**  
 Emphasis on advanced technique, strategy, match play.  
 Recommended Preparation: "C" grade or higher or "Pass" in ES 076B or equivalent.  
 9490 08:30AM-09:20AM F TC-TC L.Shupe  
 09:30AM-10:20AM F TC-TC

**ES-155A Beginning Basketball 1.0**  
 Introduction to basic skills in basketball.  
 9520 09:00AM-09:50AM F D-100 R.Wojtkowski  
 10:00AM-10:50AM F D-100

**ES-155B Intermediate Basketball 1.0**  
 Intermediate skill level; defensive/offensive tactics and team play.  
 Recommended Preparation: "C" grade or higher or "Pass" in ES 155A or equivalent.  
 9521 09:00AM-09:50AM F D-100 R.Wojtkowski  
 10:00AM-10:50AM F D-100  
 S 1709 04:00PM-04:50PM WTH D-100 R.Wojtkowski Mar 30-May 23  
 05:00PM-05:50PM WTH D-100

**ES-155C Advanced Basketball 1.0**  
 Emphasis on advanced level skills, tactics, strategy.  
 Recommended Preparation: "C" grade or higher or "Pass" in ES 155B or equivalent.  
 9522 09:00AM-09:50AM F D-100 R.Wojtkowski  
 10:00AM-10:50AM F D-100  
 S 1955 04:00PM-04:50PM WTH D-100 R.Wojtkowski Mar 30-May 23  
 05:00PM-05:50PM WTH D-100

**ES-170A Beginning Soccer 1.0**  
 Basic soccer strategy; emphasis on individual skills and team play.  
 1766 10:00AM-10:50AM S FLDM-FLDM S.McNary  
 11:00AM-11:50AM S FLDM-FLDM  
 7405 10:00AM-10:50AM S FLDM-FLDM D.Proffitt  
 11:00AM-11:50AM S FLDM-FLDM  
 6904 11:00AM-11:50AM F FLDM-FLDM R.Wojtkowski  
 12:00PM-12:50PM F FLDM-FLDM

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**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.

1767	10:00AM-10:50AM	S	FLDM-FLDM	S.McNary
	11:00AM-11:50AM	S	FLDM-FLDM	
7406	10:00AM-10:50AM	S	FLDM-FLDM	D.Proffitt
	11:00AM-11:50AM	S	FLDM-FLDM	
6905	11:00AM-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.

1768	10:00AM-10:50AM	S	FLDM-FLDM	S.McNary
	11:00AM-11:50AM	S	FLDM-FLDM	
7408	10:00AM-10:50AM	S	FLDM-FLDM	D.Proffitt
	11:00AM-11:50AM	S	FLDM-FLDM	
6906	11:00AM-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.

9529	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.

9532	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.

9531	06:00PM-06:50PM	T	D-100	D.Regas
	07:00PM-07:50PM	T	D-100	

**ES-180 Self Defense for Women 1.0**

4174	12:30PM-01:20PM	T	D-205	H.Wilson
	12:30PM-01:20PM	TH	D-205	

**ES-206 Intercollegiate Basketball 2.0**  
 \$17.50 insurance fee due at registration.  
 Prerequisite: Tryout

S	8233	03:00PM-04:20PM	M	D-100	R.Wojtkowski	Dec 26-Mar 14
		02:00PM-03:20PM	TWTHF	D-100		
		04:25PM-05:45PM	M	D-100		
		03:25PM-04:45PM	TWTHF	D-100		

Team competition in men's basketball. Class meets these State/Federal Holidays: 1/20, 2/14, 2/17

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

9366	12:00PM-04:50PM	MW	SYCN-SYCN	J.Klein
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Team competition in men's golf. Meets at Sycuan Golf Resort, 3007 Dehesa Road, El Cajon. Students must bring their own golf clubs.


**ES-227 Intercollegiate Track 2.0**  
 \$17.50 insurance fee due at registration.  
 Prerequisite: Tryout

9369	02:30PM-04:20PM	MTWTHF	TRK-TRK	P.Thiss
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Team competition in men's track.

9368	03:15PM-05:05PM	MTWTHF	TRK-TRK	T.Seaman
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Team competition in women's track.


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	<b>ES-248 Conditioning for Athletes</b>	<b>1.0</b>		
	\$17.50 insurance fee due at registration.			
S	6675	12:00PM-02:05PM	MW	SYCN-SYCN J.Klein Jan 02-Jan 25
		02:15PM-04:05PM	MW	SYCN-SYCN
		01:05PM-02:55PM	T	SYCN-SYCN
		03:05PM-05:10PM	T	SYCN-SYCN
	Designed for Men's and Women's Intercollegiate Golf. Meets at Sycuan Golf Resort, 3007 Dehesa Road, El Cajon. Students must bring their own golf clubs.			
S	4895	03:00PM-03:50PM	MTWTHF	TRK-TRK T.Hunt Jan 02-Jan 25
		03:55PM-04:45PM	MTWTHF	TRK-TRK
	Designed for Men's and Women's Cross-Country Athletes.			
	<b>ES-249 Comp for Intercoll Athletes</b>	<b>3.0</b>		
	\$17.50 insurance fee due at registration.			
	Prerequisite: Recommendation of Intercollegiate Coach			
	7423	08:00AM-09:50AM	TWTH	D-100 L.Ahmu
		10:00AM-10:50AM	W	D-100
	Competencies for Women's Intercollegiate Volleyball, 3 unit course.			
	1881	01:15PM-02:05PM	T	FLDM-FLDM B.Hiatt-Aleu
		02:15PM-03:05PM	T	FLDM-FLDM
		01:15PM-03:30PM	TH	FLDM-FLDM
		01:15PM-03:30PM	F	FLDM-FLDM
	Soccer Competencies for Men's Intercollegiate Athletes, 3 unit course.			
	7346	02:00PM-02:50PM	T	FLDM-FLDM J.Tomaschke
		03:00PM-04:15PM	T	FLDM-FLDM
		02:00PM-04:15PM	TH	FLDM-FLDM
		06:00PM-07:50PM	F	
	Soccer Competencies for Women's Intercollegiate Athletes, 3 unit course. Friday class meeting note: To meet off campus at San Diego Indoor Soccer, 2720 Howard Ave, San Diego, CA 92104			
	<b>ES-250 Introduction to Kinesiology</b>	<b>3.0</b>		
	9913	TBA	WEB-WEB	P.Thiss
	Online course; 52.5 total instructional hours.			
	<b>ES-271 Fitness Walking w/Children</b>	<b>1.0</b>		
S	4163	01:00PM-03:10PM	TTH	D-202 S.Nordquist Jan 06-Jan 18
	Additional 4 instructional hours/week via Internet.			
	<b>ES-272 Issues in Childhood Obesity</b>	<b>1.0</b>		
S	7039	TBA	WEB-WEB	S.Nordquist Jan 27-Feb 22
	Online course; 17.5 total instructional hours.			

## ENGLISH AS A SECOND LANGUAGE

	<b>ESL-010 American Culture I</b>	<b>3.0</b>		
	Pass/No Pass only.			
	4444	08:00AM-09:15AM	TTH	F-614 H.Dalali
	7366	08:00AM-09:15AM	TTH	B-159 C.Corte
	<b>ESL-020 American Culture II</b>	<b>3.0</b>		
	Pass/No Pass only.			
	4430	12:30PM-01:45PM	MW	F-401 L.Woods
	4440	02:00PM-03:15PM	TTH	F-401 L.Woods
	<b>ESL-050 Basic Accel Read&amp;Write ESL</b>	<b>6.0</b>		
	Pass/No Pass only.			
	Prerequisite: Assessment into 050.			
	4428	08:00AM-10:50AM	MW	F-401 R.Aoneh
	4418	09:30AM-12:20PM	MW	B-154 M.Mancillas-Gomez
	4448	09:30AM-12:20PM	TTH	F-608 R.Elmalt
	4431	06:30PM-09:20PM	MW	B-154 H.Masri
	7418	06:30PM-09:20PM	MW	B-172 K.Oberlander

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**ESL-050G Basic Grammar-ESL Writing 3.0**  
 Pass/No Pass only.  
 4429 11:00AM-12:15PM MW F-401 G.Colls  
 7076 12:30PM-01:45PM MW B-154 M.Mancillas-Gomez  
 4449 12:30PM-01:45PM TTH F-608 R.El malt  
 4432 05:00PM-06:15PM MW B-154 H.Masri  
 7417 05:00PM-06:15PM MW B-172 K.Oberlander

**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.  
 7293 02:00PM-02:50PM M B-154 H.Dalali  
 03:00PM-03:50PM M B-154  
 02:00PM-03:50PM W B-154

**ESL-1A Accel Reading & Writing - ESL 6.0**  
 Prerequisite: Grade of "Pass" in ESL 050 or equivalent or assessment into ESL 1A.  
 1611 09:30AM-12:20PM MW B-258 V.Neylon-Craft  
 7200 09:30AM-12:20PM MW F-621 S.Kauffman  
 0344 09:30AM-12:20PM TTH F-407 A.Colls  
 4404 09:30AM-12:20PM TTH F-613 V.Neylon-Craft  
 1590 11:00AM-01:50PM MW B-159 P.Daley  
 1991 11:00AM-01:50PM TTH F-401 L.Woods  
 S 5065 12:30PM-02:15PM MWF R.Miravete Jan 06-Jun 10  
 Meets at Mountain Empire High School 3305 Buckman Springs Rd, Pine Valley, 91962 room A-11. No meetings 3/30 to 4/13 (Spring Break) and 5/22.  
 2009 06:30PM-09:20PM MW B-171 S.Lange-Velazquez  
 1644 06:30PM-09:20PM TTH B-262 Y.Yamamoto

**ESL-1AG Grammar-ESL Accel Read&Write 3.0**  
 Pass/No Pass only.  
 Prerequisite: "C" grade or higher or "Pass" in ESL 050 or equivalent placement, or concurrent enrollment in ESL 1A  
 1618 09:30AM-10:45AM MW B-159 P.Daley  
 0349 09:30AM-10:45AM TTH F-401 L.Woods  
 S 5066 12:30PM-01:35PM TTH R.Miravete Jan 06-Jun 10  
 Meets at Mountain Empire High School 3305 Buckman Springs Rd, Pine Valley, 91962 room A-11. No meetings 3/30 to 4/13 (Spring Break).  
 7204 12:30PM-01:45PM MW F-621 S.Kauffman  
 0345 12:30PM-01:45PM TTH F-407 A.Colls  
 4407 12:30PM-01:45PM TTH F-613 V.Neylon-Craft  
 2007 05:00PM-06:15PM MW B-171 S.Lange-Velazquez  
 1648 05:00PM-06:15PM TTH B-262 Y.Yamamoto

**ESL-1B Adv Accel Reading & Writing 6.0**  
 Prerequisite: "C" grade or higher or "Pass" in ESL 1A or equivalent placement into ESL 1B  
 1613 09:30AM-12:20PM MW B-258 V.Neylon-Craft  
 7203 09:30AM-12:20PM MW F-621 S.Kauffman  
 1614 09:30AM-12:20PM TTH F-613 V.Neylon-Craft  
 1616 09:30AM-12:20PM TTH F-407 A.Colls  
 4822 11:00AM-01:50PM MW B-159 P.Daley  
 1990 11:00AM-01:50PM TTH F-401 L.Woods  
 S 7380 12:30PM-02:15PM MWF D.Sterner Jan 06-Jun 10  
 Meets at Mountain Empire High School 3305 Buckman Springs Rd, Pine Valley, 91962 room A-13. No meetings 3/30 to 4/13 (Spring Break) and 5/22.  
 2010 06:30PM-09:20PM MW B-171 S.Lange-Velazquez  
 1645 06:30PM-09:20PM TTH B-262 Y.Yamamoto

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

Pass/No Pass only.

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

4826	09:30AM-10:45AM	MW	B-159	P.Daley
4825	09:30AM-10:45AM	TTH	F-401	L.Woods
7381	12:30PM-01:35PM	TTH		D.Sterner Jan 06-Jun 10

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Meets at Mountain Empire High School 3305 Buckman Springs Rd, Pine Valley, 91962 room A-13. No meetings 3/30 to 4/13 (Spring Break).

7205	12:30PM-01:45PM	MW	F-621	S.Kauffman
1634	12:30PM-01:45PM	TTH	F-407	A.Colls
1713	12:30PM-01:45PM	TTH	F-613	V.Neylon-Craft
2008	05:00PM-06:15PM	MW	B-171	S.Lange-Velazquez
1650	05:00PM-06:15PM	TTH	B-262	Y.Yamamoto

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

Prerequisite: "C" grade or higher or "Pass" in ESL 1B, "B" grade or higher in ESL 1A, or equivalent placement into ESL 2A

0555	09:30AM-12:20PM	TTH	B-154	M.Mancillas-Gomez
7299	09:30AM-12:20PM	TTH	B-159	D.Garrett
1621	11:00AM-01:50PM	MW	F-613	D.Hills-Beckwith
1755	11:00AM-01:50PM	MW	F-411	G.Tufekci Corte
4411	11:00AM-01:50PM	TTH	B-258	S.Frame
1753	05:00PM-07:50PM	TTH	B-159	G.Colls
1747	06:30PM-09:20PM	MW	B-159	O.Sukhanova

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

Pass/No Pass only.

Prerequisite: "C" grade or higher or "Pass" in ESL 1B or equivalent, or "B" grade or higher in ESL 1A, or assessment, or concurrent enrollment in ESL 2A

1765	08:00AM-09:15AM	TTH	B-154	D.Garrett
1756	09:30AM-10:45AM	MW	F-613	D.Hills-Beckwith
1762	09:30AM-10:45AM	MW	F-411	G.Tufekci Corte
4412	09:30AM-10:45AM	TTH	B-258	S.Frame
1748	05:00PM-06:15PM	MW	B-159	O.Sukhanova

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

Prerequisite: "C" Grade or higher or "Pass" in ESL 2A or equivalent placement into ESL 2B

4828	09:30AM-12:20PM	TTH	B-154	M.Mancillas-Gomez
7300	09:30AM-12:20PM	TTH	B-159	D.Garrett
4414	11:00AM-01:50PM	MW	F-411	G.Tufekci Corte
4963	11:00AM-01:50PM	MW	F-613	D.Hills-Beckwith
1628	11:00AM-01:50PM	TTH	B-258	S.Frame
7409	01:30PM-02:20PM	MTWTHF		J.Mihlon Jan 06-Jun 10

S

Meets at Mountain Empire High School 3305 Buckman Springs Rd, Pine Valley, 91962 room S-6. No meetings 3/30 to 4/13 (Spring Break) and 5/22.

1629	05:00PM-07:50PM	TTH	B-159	G.Colls
1630	06:30PM-09:20PM	MW	B-159	O.Sukhanova

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

Pass/No Pass only.

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

4833	08:00AM-09:15AM	TTH	B-154	D.Garrett
4417	09:30AM-10:45AM	MW	F-613	D.Hills-Beckwith
4965	09:30AM-10:45AM	MW	F-411	G.Tufekci Corte
4413	09:30AM-10:45AM	TTH	B-258	S.Frame
1775	05:00PM-06:15PM	MW	B-159	O.Sukhanova

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**ELECTRONICS TECHNOLOGY**

<b>+#</b>	<b>ET-110</b>	<b>Introduction Basic Electronics</b>			<b>4.0</b>
	1884	09:00AM-11:50AM	M	K-101	J.Hannibal
		09:00AM-11:50AM	W	K-101	
	1594	09:00AM-11:50AM	T	K-101	J.Hannibal
		09:00AM-11:50AM	TH	K-101	
	8818	01:00PM-03:50PM	M	K-101	J.Hannibal
		01:00PM-03:50PM	W	K-101	
	5244	01:00PM-03:50PM	T	K-101	J.Hannibal
		01:00PM-03:50PM	TH	K-101	

**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.  
 6961 TBA WEB-WEB M.Kotulski  
 Online course; 87.5 total instructional hours required.  
 5381 09:30AM-10:20AM TTH E-224 J.Crowley  
 10:30AM-11:45AM TTH E-224

**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.  
 0068 TBA WEB-WEB J.Crowley  
 Online course; 87.5 instructional hours.

**GD-125 Typography 3.0**  
 Recommended Preparation: "C" grade or higher or "Pass" in GD 110 or equivalent.  
 6651 TBA WEB-WEB T.Bugzavich  
 Online course; 87.5 instructional hours.


**GD-126 Adobe Photoshop Digital Imag 3.0**  
 Recommended Preparation: "C" grade or higher or "Pass" in GD 105 or equivalent.  
 0872 09:30AM-10:20AM MW E-224 S.Fair  
 10:30AM-11:45AM MW E-224

**GD-130 Professional Business Practice 3.0**  
 Recommended Preparation: Student should have a substantial body of completed design or web projects prior to enrollment in this class.  
 5388 01:00PM-02:15PM MW E-228 S.Fair

**GD-211 Digital Photography II 3.0**  
 Recommended Preparation: "C" grade or higher or "Pass" in GD 210 or equivalent.  
 5408 08:00AM-09:50AM F E-228 I.Cummings  
 10:00AM-01:05PM F E-228

**GD-212 Digital Photograph III 3.0**  
 Recommended Preparation: "C" grade or higher or "Pass" in GD 211 or equivalent.  
 4236 08:00AM-09:50AM F E-228 I.Cummings  
 10:00AM-01:05PM F E-228

**GD-222 Web Animation 3.0**  
 Recommended Preparation: "C" grade or higher or "Pass" in CIS 211 or equivalent or basic computer and Internet skills and ability to create and upload a simple website.  
 4237 TBA WEB-WEB M.Kotulski  
 Online course; 87.5 instructional hours.

+ Satisfies Cal. State University General Education  
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**GD-225 Digital Illustration 3.0**  
 Recommended Preparation: "C" grade or higher or "Pass" in GD 110 or equivalent.  
 7153 01:00PM-01:50PM TTH E-224 T.Enochs  
 02:00PM-03:15PM TTH E-224

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

## GEOGRAPHY

**+# GEOG-120 Physical Geog: Earth Systems 3.0**  
 Study of Earth's dynamic natural systems.  
 3753 12:30PM-01:45PM TTH F-402 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.  
 9370 09:30AM-12:20PM T H-224 C.Farano

## GEOLOGY


**+# GEOL-110 Planet Earth 3.0**  
 Study of Earth's dynamic geological systems including plate tectonics, volcanoes and earthquakes.  
 3755 02:00PM-03:15PM TTH H-224 E.Bergmanis

**+# GEOL-111 Planet Earth Laboratory 1.0**  
 Applications and investigations of Earth's dynamic geological systems.  
 Prerequisite: "C" grade or higher or "Pass" in GEOL 110 or equivalent or concurrent enrollment.  
 9923 03:30PM-06:20PM TH H-224 E.Bergmanis


## HEALTH EDUCATION

**HED-105 Health Education for Teachers 1.0**  
 S 3756 TBA WEB-WEB C.Brooks Mar 30-May 23  
 Online course; 17.5 total instructional hours.


**+# HED-120 Personal Health and Lifestyles 3.0**  
 S 4179 TBA WEB-WEB L.Hollands Jan 02-Jan 25  
 Online Course; 52.5 instructional hours. Instructor contact information lucinda.hollands@gcccd.edu.

 \*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.

S 4692 TBA WEB-WEB S.Herrin Jan 02-Jan 25  
 Online course; 52.5 total instructional hours.







 \*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.

S 4757 TBA WEB-WEB P.Farmer Jan 27-Mar 21  
 Online course; 52.5 total instructional hours.

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(HED-120 continued)

	1769	TBA	WEB-WEB P.Thiss	
	Online course; 52.5 total instructional hours.			
	*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.			
S	5135	TBA	WEB-WEB S.Herrin	Mar 30-May 23
	Online course; 52.5 total instructional hours.			
	*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.			
S	7374	TBA	WEB-WEB S.Herrin	Mar 30-May 23
	Online course; 52.5 total instructional hours.			
	*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.			
	6992	TBA	WEB-WEB P.Thiss	
	Online course; 52.5 total instructional hours.			
	*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.			
S	7040	TBA	WEB-WEB S.Herrin	Jan 27-Mar 21
	Online Course; 52.5 instructional hours.			
	*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.			
S	7265	TBA	WEB-WEB A.Gonzalez	Jan 27-May 29
	Online Course; 52.5 instructional hours. Designed for Health Sciences High & Middle College Students; registration for dual enrollment students at HSHMC only. Contact instructor for enrollment information.			
	9614	11:00AM-12:15PM	TTH	D-202 D.Pauls
	*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.			
<b>+#</b>	<b>HED-201 Introduction to Public Health</b>			<b>3.0</b>
	5403	TBA	WEB-WEB S.Herrin	
	Online course; 52.5 total instructional hours. Please make sure student email address is up to date with Admissions & Records in order to receive course information.			
	7004	TBA	WEB-WEB S.Herrin	
	Online course; 52.5 total instructional hours. Please make sure student email address is up to date with Admissions & Records in order to receive course information.			
S	7270	TBA	WEB-WEB S.North	Jan 27-May 29
	Online Course; 52.5 instructional hours. Designed for Health Sciences High & Middle College Students; registration for dual enrollment students at HSHMC only. Contact instructor for enrollment information.			
	<b>HED-202 Health Professions &amp; Org</b>			<b>3.0</b>
	5056	TBA	WEB-WEB D.Lauria	
	Online course; 52.5 total instructional hours. Instructor contact information gcccd.edu			
S	7233	TBA	WEB-WEB D.Pauls	Mar 30-May 23
	Online course; 52.5 total instructional hours. Instructor contact information danielle.pauls@gcccd.edu			
S	7271	TBA	WEB-WEB A.Gonzalez	Jan 27-May 29
	Online Course; 52.5 instructional hours. Designed for Health Sciences High & Middle College Students; registration for dual enrollment students at HSHMC only. Contact instructor for enrollment information.			

+ Satisfies Cal. State University General Education



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<b>+#</b>	<b>HED-203 Substance Abuse&amp;Public Health</b>	<b>3.0</b>
S	9935 TBA WEB-WEB C.Brooks	Jan 27-May 23
	Online course; 52.5 total instructional hours. Contact instructor for enrollment information.	
S	7272 TBA WEB-WEB A.Gonzalez	Jan 27-May 29
	Online Course; 52.5 instructional hours. Designed for Health Sciences High & Middle College Students; registration for dual enrollment students at HSHMC only. Contact instructor for enrollment information.	
<b>+#</b>	<b>HED-204 Health and Social Justice</b>	<b>3.0</b>
S	1537 TBA WEB-WEB D.Pauls	Jan 02-Jan 25
	Online course; 52.5 total instructional hours.	
	*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.	
S	8191 TBA WEB-WEB D.Pauls	Apr 13-May 23
	Online course; 52.5 total instructional hours. Please make sure student email address is up to date with Admissions & Records in order to receive course information.	
	*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.	
S	7278 TBA WEB-WEB S.North	Jan 27-May 29
	Online course; 52.5 total instructional hours. Health Sciences High & Middle College 10th graders. Contact instructor for enrollment information.	
<b>+#</b>	<b>HED-251 Healthy Lifestyle Theory &amp; App</b>	<b>3.0</b>
	Focuses on refugee health and preventive medicine issues.	
	1951 08:00AM-08:50AM MW D-203 L.Hollands	
		09:00AM-10:15AM MW D-202
	Focuses on refugee health and preventive medicine issues.	
	0481 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</b>	<b>3.0</b>
	Study of ancient societies and cultures from historical beginnings to 1500.	
	4353 TBA WEB-WEB J.Martin	
	Online course; 52.5 total instructional hours.	
S	4351 09:00AM-12:05PM MTWTHF B-262 J.Martin	Jan 02-Jan 25
	7010 09:30AM-10:45AM MW F-513 P.Utgaard	
<b>+#</b>	<b>HIST-101 Modern World History</b>	<b>3.0</b>
	4355 TBA WEB-WEB P.Utgaard	
	Online course; 52.5 total instructional hours.	
	4354 11:00AM-12:15PM TTH B-101 P.Utgaard	
<b>+#</b>	<b>HIST-106 Modern Western Civilization</b>	<b>3.0</b>
	4356 TBA WEB-WEB P.Utgaard	
<b>+#</b>	<b>HIST-108 Early American History</b>	<b>3.0</b>
	Exploration of early U.S. history from settlement through the Civil War.	
	6717 TBA WEB-WEB S.Haber	
	Online course; 52.5 total instructional hours.	
	7019 TBA WEB-WEB C.Collins	
	Online course; 52.5 total instructional hours.	
S	7357 TBA WEB-WEB J.Jones	Jan 27-Mar 21
	Online course; 52.5 total instructional hours.	
	5431 08:00AM-09:15AM TTH B-172 A.Centanino	
	*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.	
S	7184 09:00AM-12:05PM MTWTHF B-101 A.Tesfamariam	Jan 02-Jan 25

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(HIST-108 continued)

- 4915 11:00AM-12:15PM TTH F-513 M.Gonzalez-Meeks  
 \*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.  
 0304 12:30PM-01:45PM MW F-513 D.Salomon
- +# HIST-109 Modern American History 3.0**  
 Survey of development of the U.S. from Reconstruction to the present.  
 5439 TBA WEB-WEB S.Haber  
 Online course; 52.5 total instructional hours.  
 8862 TBA WEB-WEB C.Collins  
 Online course; 52.5 total instructional hours.  
 S 7358 TBA WEB-WEB J.Jones Mar 30-May 23  
 Online course; 52.5 total instructional hours.  
 6470 08:00AM-09:15AM MW F-512 M.Odom  
 \*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.  
 S 4687 09:00AM-12:05PM MTWTHF B-269 P.Utgaard Jan 02-Jan 25  
 5434 12:30PM-01:45PM TTH B-101 P.Utgaard
- +# HIST-119 Us Hist: Chicano/A Perspect II 3.0**  
 7016 09:30AM-10:45AM TTH B-172 A.Centanino
- +# HIST-123 Women in Modern American Hist 3.0**  
 4359 09:30AM-10:45AM TTH F-405 M.Gonzalez-Meeks
- +# HIST-130 Native American Perspectives I 3.0**  
 7260 TBA WEB-WEB D.Salomon  
 Online course; 52.5 total instructional hours.
- +# HIST-133 Kumeyaay Hist II:1900-Present 3.0**  
 0410 05:00PM-07:50PM TH E.Banegas  
 Meets at Kumeyaay Community College, 910 Willow Glen Drive, El Cajon, CA 92019, Room-MPR. For information, please contact Lori Ring at 619-445-6917
- +# HIST-181 U.S. Hist Black Perspective II 3.0**  
 7419 11:00AM-12:15PM MW F-407 A.Tesfamariam

## HUMANITIES

- +# HUM-110 Principles of the Humanities 3.0**  
 7360 TBA WEB-WEB E.Cline  
 Online course; 52.5 total instructional hours.  
 4310 09:30AM-10:45AM TTH F-710 P.Carmona  
 4312 11:00AM-12:15PM MW F-513 P.Utgaard
- +# HUM-115 Arts-Culture in Local Context 3.0**  
 7187 11:00AM-01:50PM TH F-710 L.Brazil
- +# HUM-155 World Mythology - Humanities 3.0**  
 5454 TBA WEB-WEB B.McGraw  
 Online course; 52.5 total instructional hours. See [www.cuyamaca.edu/bruce.mcgraw](http://www.cuyamaca.edu/bruce.mcgraw) after 1/15.  
 5453 12:30PM-01:45PM TTH F-405 E.Sampson

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## 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.

9936	02:30PM-03:20PM	W	H-139	P.Eckert
	12:30PM-01:45PM	F	H-139	
	01:55PM-03:10PM	F	H-139	

Must also be enrolled in MATH 110 #9937. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

### **MATH-060 Foundations - Elem Statistics 2.0**

Pass/No Pass only.

Prerequisite: Appropriate placement.

Corequisite: Concurrent enrollment in MATH 160 OR PSY 215.

9985	09:30AM-10:20AM	TTH	H-133	R.Polakoski
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Must also be enrolled in MATH 160 #9986. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

4292	11:00AM-11:50AM	MW	H-133	A.Arroyo
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Must also be enrolled in MATH 160 #4293. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

9981	12:30PM-01:20PM	TTH	H-133	S.Ruderman
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Must also be enrolled in MATH 160 #9982. See

<https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

9963	06:00PM-06:50PM	MW	H-118	M.Ahsan
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Must also be enrolled in MATH 160 #9964. See

<https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

S 7337 TBA WEB-WEB T.Nichols Feb 10-May 23

Online course; 35 total instructional hours. Must also be enrolled in MATH 160 #7338. Please visit

[www.cuyamaca.edu/people/terrie-nichols/online-orientation.aspx](http://www.cuyamaca.edu/people/terrie-nichols/online-orientation.aspx) to complete part 1 of the mandatory online orientation and to find a link to the course syllabus. The syllabus includes information about the face-to-face final exam - either on campus or another arrangement pre-approved by the instructor. Part 2 of the online orientation must be completed by 11:59 pm on the first day of class.

7178	11:00AM-11:50AM	MW	H-113	R.Polakoski
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Student must be concurrently enrolled in PSY 215 #9432.

### **MATH-076 Foundations For Precalculus 2.0**

Pass/No Pass only.

Prerequisite: Appropriate placement.

Corequisite: MATH 176

9989	09:30AM-10:20AM	MW	H-139	P.Eckert
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Must also be enrolled in MATH 176 #9990. See

<https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

6901	05:00PM-05:50PM	MW	H-134	C.Navro
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Section 6901 requires concurrent enrollment in MATH 176-6902.

### **MATH-078 Foundations - Calc For Bus 2.0**

Pass/No Pass only.

Prerequisite: Appropriate placement.

Corequisite: MATH 178

9993	06:00PM-06:50PM	MW	H-113	G.Creswell
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Must also be enrolled in MATH 178 #9994. See

<https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

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

Prerequisite: Appropriate placement

9948	08:00AM-10:15AM	TTH	H-134	F.Watson
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1208	11:00AM-01:15PM	TTH	H-114	F.Watson
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9937	12:30PM-03:20PM	M	H-139	P.Eckert
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	12:30PM-02:20PM	W	H-139	
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Must also be enrolled in MATH 010 #9936. See

<https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

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(MATH-110 continued)

	5486	06:00PM-08:15PM	MW	H-138	M.Balegh	
<b>+ #</b>	<b>MATH-120</b>	<b>Quantitative Reasoning</b>			<b>3.0</b>	
	Prerequisite: "C" grade or higher or "Pass" in MATH 096 or 110 or equivalent.					
	6900	09:30AM-10:45AM	TTH	H-118	S.Ruderman	
	7122	12:30PM-01:45PM	MW	H-127	M.Balegh	
<b>+</b>	<b>MATH-126</b>	<b>Structure/Concept Elem Math II</b>			<b>3.0</b>	
	Continuation of MATH 125 for prospective elementary school teachers.					
	Prerequisite: "C" grade or higher or "Pass" in MATH 125 or equivalent.					
	4843	06:30PM-07:20PM	T	H-113	R.Perkins	
		07:30PM-08:20PM	T	H-113		
		06:30PM-08:20PM	TH	H-113		
<b>+ #</b>	<b>MATH-160</b>	<b>Elementary Statistics</b>			<b>4.0</b>	
	Prerequisite: "C" grade or higher or "Pass" in MATH 096 or 110 or equivalent.					
S	1542	TBA	WEB-WEB	R.Polakoski		Jan 27-Mar 21
	The course syllabus can be viewed at <a href="https://sites.google.com/view/math160online">https://sites.google.com/view/math160online</a> . The syllabus provides details on the face-to-face exam requirements (either on campus or another arrangement pre-approved by the instructor). Mandatory online orientation is required on Canvas. All items in the mandatory online orientation must be completed no later than 11:59 pm (Pacific Standard Time) on the first day of classes (or within 24 hours after adding the class late).					
S	5478	TBA	WEB-WEB	B.Elliott		Feb 24-May 23
	Online course; 70 total instructional hours. Please visit <a href="http://www.cuyamaca.edu/people/Bryan-elliott/online-orientation/default.aspx">www.cuyamaca.edu/people/Bryan-elliott/online-orientation/default.aspx</a> to complete part 1 of the mandatory online orientation and to find a link to the course syllabus. The syllabus includes information about the face-to-face final exam - either on campus or another arrangement pre-approved by the instructor. Part 2 of the online orientation must be completed by 11:59 pm on the first day of class.					
S	8252	TBA	WEB-WEB	T.Nichols		Mar 30-May 23
	Please visit <a href="http://www.cuyamaca.edu/people/terrie-nichols/online-orientation.aspx">www.cuyamaca.edu/people/terrie-nichols/online-orientation.aspx</a> to complete part 1 of the mandatory online orientation and to find a link to the course syllabus. The syllabus includes information about the face-to-face final exam - either on campus or another arrangement pre-approved by the instructor. Part 2 of the online orientation must be completed by 11:59 pm on the first day of class.					
S	6896	TBA	WEB-WEB	B.Elliott		Mar 09-May 09
	Online course; 70 total instructional hours. Please visit <a href="http://www.cuyamaca.edu/people/Bryan-elliott/online-orientation/default.aspx">www.cuyamaca.edu/people/Bryan-elliott/online-orientation/default.aspx</a> to complete part 1 of the mandatory online orientation and to find a link to the course syllabus. The syllabus includes information about the face-to-face final exam - either on campus or another arrangement pre-approved by the instructor. Part 2 of the online orientation must be completed by 11:59 pm on the first day of class.					
S	6897	TBA	WEB-WEB	R.Polakoski		Feb 10-Apr 11
	The course syllabus can be viewed at <a href="https://sites.google.com/view/math160online">https://sites.google.com/view/math160online</a> . The syllabus provides details on the face-to-face exam requirements (either on campus or another arrangement pre-approved by the instructor). Mandatory online orientation is required on Canvas. All items in the mandatory online orientation must be completed no later than 11:59 pm (Pacific Standard Time) on the first day of classes (or within 24 hours after adding the class late).					

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(MATH-160 continued)

S 7225 TBA WEB-WEB T.Nichols Mar 30-May 23  
 Online course; 70 total instructional hours. Please visit [www.cuyamaca.edu/people/terrie-nichols/online-orientation.aspx](http://www.cuyamaca.edu/people/terrie-nichols/online-orientation.aspx) to complete part 1 of the mandatory online orientation and to find a link to the course syllabus. The syllabus includes information about the face-to-face final exam - either on campus or another arrangement pre-approved by the instructor. Part 2 of the online orientation must be completed by 11:59 pm on the first day of class.

S 7338 TBA WEB-WEB T.Nichols Feb 10-May 23  
 Online course; 70 total instructional hours. Please visit [www.cuyamaca.edu/people/terrie-nichols/online-orientation.aspx](http://www.cuyamaca.edu/people/terrie-nichols/online-orientation.aspx) to complete part 1 of the mandatory online orientation and to find a link to the course syllabus. The syllabus includes information about the face-to-face final exam - either on campus or another arrangement pre-approved by the instructor. Part 2 of the online orientation must be completed by 11:59 pm on the first day of class.

9980 07:30AM-09:20AM TTH H-128 H.Nguyen  
 4296 08:00AM-09:50AM MW H-133 A.Arroyo  
 4297 09:30AM-11:20AM TTH H-128 S.Condon  
 9986 10:30AM-12:20PM TTH H-133 R.Polakoski  
 Must also be enrolled in MATH 060 #9985. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

1158 11:00AM-12:50PM MW H-134 S.Condon  
 4293 12:00PM-01:50PM MW H-133 A.Arroyo  
 Must also be enrolled in MATH 060 #4292. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule. This class will focus on data and statistics within the context of the Black/African American culture. This course is part of the UMOJA Scholars program.

9966 12:30PM-02:20PM MW H-128 A.Krauss  
 5504 12:30PM-02:20PM TTH H-128 B.Elliott  
 9982 01:30PM-03:20PM TTH H-133 S.Ruderman  
 Must also be enrolled in MATH 060 #9981. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

9964 07:00PM-08:50PM MW H-118 M.Ahsan  
 Must also be enrolled in MATH 060 #9963. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.

**+# MATH-175 College Algebra 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in MATH 110 or equivalent.  
 7245 08:00AM-11:00AM M HSHM-HSHM J.Assof  
 12:00PM-01:10PM M HSHM-HSHM  
 Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room 200B. Registration for dual enrollment students at HSHMC only. No meetings 3/30 to 4/3 (Spring Break). No meetings 5/22 (Memorial Day Weekend).  
 9373 11:00AM-12:50PM TTH H-134 C.Koether

**+# MATH-176 Precalculus-Functions & Graphs 6.0**  
 Prerequisite: "C" grade or higher or "Pass" in MATH 110 or equivalent.  
 9375 08:00AM-10:50AM TTH H-114 A.Arroyo  
 1543 09:30AM-12:20PM MW H-118 B.Elliott  
 9990 10:30AM-11:20AM MW H-139 P.Eckert  
 09:30AM-11:20AM TTH H-139  
 Must also be enrolled in MATH 076 #9989. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.  
 6902 06:00PM-08:50PM MW H-134 C.Navó  
 Section 6902 requires concurrent enrollment in MATH 076-6901.  
 6903 06:00PM-08:50PM TTH H-128 V.Phung

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


- +# MATH-178 Calculus Bus, Soc & Behav Sci 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in MATH 110 or equivalent.  
 9377 08:00AM-09:50AM TTH H-113 G.Creswell  
 9378 12:30PM-02:20PM MW H-118 C.Navo  
 9994 07:00PM-08:50PM MW H-113 G.Creswell  
 Must also be enrolled in MATH 078 #9993. See <https://tinyurl.com/y8htfmkk> for an easy to read math schedule.
- +# MATH-180 Analytic Geometry & Calculus I 5.0**  
 Prerequisite: "C" grade or higher or "Pass" in MATH 170 and 175, or MATH 176 or equivalent  
 9380 08:00AM-10:15AM MW H-127 A.Krauss  
 9379 10:00AM-12:15PM MW H-138 L.Raffo  
 9381 11:00AM-01:15PM TTH H-118 C.Navo  
 S 0001 12:30PM-02:45PM TTH HSHM-HSHM J.Assof Jan 27-Jun 03  
 Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room 200B. Registration for dual enrollment students at HSHMC only. No meetings 3/30 to 4/3 (Spring Break). No meetings 5/22 (Memorial Day Weekend).  
 7119 01:00PM-03:15PM MW H-134 L.Raffo  
 1544 06:00PM-08:15PM TTH H-118 S.Rodriguez
- +# MATH-245 Discrete Mathematics 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent.  
 9382 04:00PM-05:15PM MW H-139 T.Nichols
- +# MATH-280 Analytic Geometry&Calculus II 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in MATH 180 or equivalent.  
 9383 09:00AM-10:50AM TTH H-138 D.Curtis  
 8211 10:00AM-11:50AM MW H-128 S.Rodriguez  
 S 6898 02:00PM-04:05PM MTWTH H-114 D.Curtis Jan 27-Mar 21  
 1545 06:00PM-07:50PM TTH H-134 L.Raffo
- +# MATH-281 Multivariable Calculus 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent.  
 9385 10:00AM-11:50AM MW H-114 S.Youssef  
 8209 10:00AM-11:50AM TTH H-113 L.Raffo  
 S 6909 02:00PM-03:50PM MTWTH H-114 D.Curtis Mar 30-May 23  
 This section is reserved for students enrolled in MATH 280 #6898. Contact instructor for permission to enroll.
- +# MATH-284 Linear Algebra 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent.  
 9386 11:00AM-12:15PM TTH H-138 D.Curtis  
 0497 12:30PM-01:45PM MW H-138 A.Nguyen
- +# MATH-285 Differential Equations 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent.  
 7030 12:30PM-01:45PM MW H-114 S.Youssef  
 7410 02:00PM-03:15PM MW H-133 S.Youssef  
 8254 06:30PM-07:45PM TTH H-139 T.Nichols

## MUSIC

- MUS-090 Prep Performance Studies I 0.5**  
 Pass/No Pass Only.  
 6289 10:00AM-10:50AM F B-312 A.Warren  
 Plus 11 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email [ariana.warren@gcccd.edu](mailto:ariana.warren@gcccd.edu).

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	<b>MUS-091 Prep Performance Studies II</b>	<b>0.5</b>	
	Pass/No Pass Only.		
	6291	10:00AM-10:50AM	F B-312 A.Warren
	Plus 11 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email ariana.warren@gcccd.edu.		
	<b>MUS-105 Music Theory and Practice I</b>	<b>4.0</b>	
	4327	03:30PM-06:35PM	TH B-312 J.Sepulvado
	Additional 2 hour and 45 minutes instructional time/week via Internet.		
	<b>MUS-108 Rock, Pop and Soul Ensemble</b>	<b>1.0</b>	
	Prerequisite: Audition		
	9045	06:00PM-09:05PM	M B-209 T.Smith
	For enrollment, audition information contact Taylor.smith@gcccd.edu.		
	<b>MUS-109 Rock, Pop and Soul Ensemble</b>	<b>1.0</b>	
	Prerequisite: Audition		
	9046	06:00PM-09:05PM	M B-209 T.Smith
	For enrollment, audition information contact Taylor.smith@gcccd.edu.		
<b>+#</b>	<b>MUS-110 Great Music Listening</b>	<b>3.0</b>	
S	4328	TBA	WEB-WEB H.Vorwerck Jan 27-Mar 21
	Online course; 52.5 total instructional hours.		
	4330	TBA	WEB-WEB H.Vorwerck
	Online course; 52.5 total instructional hours.		
S	4333	TBA	WEB-WEB H.Vorwerck Mar 30-May 23
	Online course; 52.5 total instructional hours.		
	4332	09:30AM-10:45AM	MW B-301 J.Sepulvado
4331	11:00AM-12:15PM	TTH	B-301 J.Sepulvado
<b>+#</b>	<b>MUS-111 History of Jazz</b>	<b>3.0</b>	
S	0841	TBA	WEB-WEB S.Walton Jan 27-Mar 21
	Online course; 52.5 total instructional hours. See <a href="http://www.cuyamaca.edu/scott.walton">www.cuyamaca.edu/scott.walton</a> for orientation. Assignments are due at end of first week.		
S	1745	TBA	WEB-WEB S.Walton Mar 30-May 23
	Online course; 52.5 total instructional hours. See <a href="http://www.cuyamaca.edu/scott.walton">www.cuyamaca.edu/scott.walton</a> for orientation. Assignments are due at end of first week.		
<b>+#</b>	<b>MUS-115 History of Rock Music</b>	<b>3.0</b>	
	4337	TBA	WEB-WEB D.Bigham
	Online course; 52.5 total instructional hours. Contact the instructor for information at david.bigham@gcccd.edu.		
S	4338	TBA	WEB-WEB S.Walton Mar 30-May 23
	Online course; 52.5 total instructional hours. See <a href="http://www.cuyamaca.edu/scott.walton">www.cuyamaca.edu/scott.walton</a> for orientation. Assignments are due at end of first week.		
S	6984	TBA	WEB-WEB D.Bigham Jan 27-Mar 21
	Online course; 52.5 total instructional hours.		
S	7249	08:00AM-10:50AM	W HSHM-HSHM A.Hacker Jan 27-May 29
	Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room 301. Registration for dual enrollment students at HSHMC only. No meetings 3/30 to 4/3 (Spring Break). No meetings 5/22 (Memorial Day Weekend). Contact instructor for enrollment information.		
	4336	09:30AM-10:45AM	TTH B-301 D.McCulloch
<b>+#</b>	<b>MUS-116 Introduction to World Music</b>	<b>3.0</b>	
S	6981	TBA	WEB-WEB A.Hacker Jan 27-Mar 21
	Online course; 52.5 total instructional hours.		
S	0412	TBA	WEB-WEB A.Hacker Mar 30-May 23
	Online course, 52.5 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.

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**MUS-119 Coop Work Exp Music Education**

8927 TBA J.Sepulvado  
 For enrollment information contact james.sepulvado@gcccd.edu.  
 1 unit=75 hours paid/60 hours unpaid work experience.  
 7426 TBA J.Sepulvado  
 For enrollment information contact james.sepulvado@gcccd.edu.  
 2 unit=150 hours paid/120 hours unpaid work experience.

**MUS-121 Music Industry Seminar 1.0**

7290 12:00PM-01:35PM F B-312 T.Smith  
 Plus 24 hours of rehearsals, public performances and events to be arranged with the instructor during the semester.

**MUS-122 Music Industry Seminar 1.0**

9057 12:00PM-01:35PM F B-312 T.Smith  
 Plus 24 hours of rehearsals, public performances and events to be arranged with the instructor during the semester.

**MUS-132 Class Piano I 3.0**

4340 01:00PM-02:15PM MW B-209 M.Nelson

**MUS-133 Class Piano II 3.0**

Prerequisite: "C" grade or higher or "Pass" in MUS 132 or equivalent.  
 4341 02:30PM-03:45PM MW B-209 M.Nelson

**MUS-152 Concert Band 1.0**

Prerequisite: Audition  
 4344 06:30PM-09:20PM T B-117 J.Sepulvado  
 Audition required: email instructor for audition information.  
 Class meets in the Performing Arts Theatre, B-117. 2/11, 4/7, 5/5 and 5/19 classes will meet in room B-101.

**MUS-153 Concert Band 1.0**

Prerequisite: Audition  
 4345 06:30PM-09:20PM T B-117 J.Sepulvado  
 Audition required: email instructor for audition information.  
 Class meets in the Performing Arts Theatre, B-117. 2/11, 4/7, 5/5 and 5/19 classes will meet in room B-101.

**MUS-158 Chorus 1.0**

Prerequisite: Audition  
 7190 06:00PM-08:50PM W B-120 P.May  
 Audition required: email paul.may@gcccd.edu for audition information.

**MUS-159 Chorus 1.0**

Prerequisite: Audition  
 7191 06:00PM-08:50PM W B-120 P.May  
 Audition required: email paul.may@gcccd.edu for audition information.

**MUS-161 Coop Work Exp Music Industry 1.0**


6985 TBA T.Smith  
 For enrollment information contact taylor.smith@gcccd.edu  
 1 unit=75 hours paid/60 hours unpaid work experience.

**MUS-184 Digital Audio Recording&Prod 3.0**

Prerequisite: "C" grade or higher or "Pass" in MUS 120 or equivalent.  
 7197 01:00PM-03:50PM T B-209 T.Smith  
 01:00PM-02:50PM TH B-209

**MUS-190 Performance Studies 0.5**

Prerequisite: Audition.  
 6072 10:00AM-10:50AM F B-312 A.Warren  
 Plus 11 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email ariana.warren@gcccd.edu.

+ Satisfies Cal. State University General Education  
 # Satisfies Cuyamaca College General Education (includes Graduation Requirement)  
 S Denotes short-term class  
 "ZTC" Section uses free materials.



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**MUS-191 Performance Studies 0.5**  
 Prerequisite: Audition.  
 6073 10:00AM-10:50AM F B-312 A.Warren  
 Plus 11 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email ariana.warren@gcccd.edu.

**MUS-208 Rock, Pop and Soul Ensemble 1.0**  
 Prerequisite: Audition  
 9914 06:00PM-09:05PM M B-209 T.Smith  
 For enrollment, audition information contact Taylor.smith@gcccd.edu.

**MUS-209 Rock, Pop and Soul Ensemble 1.0**  
 Prerequisite: Audition  
 9915 06:00PM-09:05PM M B-209 T.Smith  
 For enrollment, audition information contact Taylor.smith@gcccd.edu.

**MUS-221 Music Industry Seminar 1.0**  
 9916 12:00PM-01:35PM F B-312 T.Smith  
 Plus 24 hours of rehearsals, public performances and events to be arranged with the instructor during the semester.

**MUS-222 Music Industry Seminar 1.0**  
 9919 12:00PM-01:35PM F B-312 T.Smith  
 Plus 24 hours of rehearsals, public performances and events to be arranged with the instructor during the semester.

**MUS-232 Class Piano III 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in MUS 133 or equivalent.  
 4342 02:30PM-03:45PM MW B-209 M.Nelson

**MUS-233 Class Piano IV 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in MUS 232 or equivalent.  
 4343 02:30PM-03:45PM MW B-209 M.Nelson

**MUS-252 Concert Band 1.0**  
 Prerequisite: Audition  
 4346 06:30PM-09:20PM T B-117 J.Sepulvado  
 Audition required: email instructor for audition information. Class meets in the Performing Arts Theatre, B-117. 2/11, 4/7, 5/5 and 5/19 classes will meet in room B-101.

**MUS-253 Concert Band 1.0**  
 Prerequisite: Audition  
 4347 06:30PM-09:20PM T B-117 J.Sepulvado  
 Audition required: email instructor for audition information. Class meets in the Performing Arts Theatre, B-117. 2/11, 4/7, 5/5 and 5/19 classes will meet in room B-101.

**MUS-258 Chorus 1.0**  
 Prerequisite: Audition  
 7195 06:00PM-08:50PM W B-120 P.May  
 Audition required: email paul.may@gcccd.edu for audition information.

**MUS-259 Chorus 1.0**  
 Prerequisite: Audition  
 7196 06:00PM-08:50PM W B-120 P.May  
 Audition required: email paul.may@gcccd.edu for audition information.

**Please check Self Service/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  
 6074 10:00AM-10:50AM F B-312 A.Warren  
 Plus 11 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email [ariana.warren@gcccd.edu](mailto:ariana.warren@gcccd.edu).

**MUS-291 Performance Studies 0.5**  
 Prerequisite: Audition  
 6075 10:00AM-10:50AM F B-312 A.Warren  
 Plus 11 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email [ariana.warren@gcccd.edu](mailto:ariana.warren@gcccd.edu).

## NATIVE AMERICAN LANGUAGES

**+# NAKY-120 Kumeyaay I 4.0**  
 0442 05:00PM-09:05PM M SYCN-SYCN S.Rodriguez  
 Meets at Kumeyaay Community College, 910 Willow Glen Drive, El Cajon, CA 92019, Room-MPR. For information, please contact Lori Ring at 619-445-6917

**+# NAKY-121 Kumeyaay II 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in NAKY 120 or equivalent.  
 4868 05:00PM-08:50PM W S.Rodriguez  
 Meets at Campo Education Center, 36209 Church Road, Campo CA 91906. 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.  
 7102 05:00PM-08:50PM TH S.Rodriguez  
 Meets at San Pasqual Culture Center, 25628 Lake Wohlford Rd Escondido CA 92027, For information, please contact Lori Ring at 619-445-6917

## NUTRITION

**+# NUTR-155 Introduction to Nutrition 3.0**  
 Formerly HED 155.  
 6994 TBA WEB-WEB B.Garrity  
 Online Course; 52.5 instructional hours.  
 S 7279 TBA WEB-WEB S.North Jan 27-May 29  
 Online Course; 52.5 instructional hours. Designed for Health Sciences High & Middle College Students; registration for dual enrollment students at HSHMC only. Contact instructor for enrollment information.

**+ NUTR-158 Nutrition - Fitness & Sports 3.0**  
 Formerly HED 158.  
 6996 TBA WEB-WEB C.Brooks  
 Online Course; 52.5 instructional hours.

## OCEANOGRAPHY

**+# OCEA-112 Introduction to Oceanography 3.0**  
 Study of Earth's dynamic ocean environment.  
 3758 12:30PM-01:45PM MW H-224 M.Ortega  
 3760 02:30PM-05:35PM M H-224 J.Olim

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**+# 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.  
 9387 02:30PM-05:20PM W H-224 M.Ortega

**ORNAMENTAL HORTICULTURE**

**S OH-105 Edibles in Urban Landscapes 1.5**  
 8906 05:00PM-08:05PM TH B-373 D.Boggs Mar 30-May 23

**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.  
 6834 04:00PM-05:50PM M B-373 D.Citrowske  
 06:00PM-09:05PM M B-373

**OH-120 Fundamentals Ornamental Hort 3.0**  
 Plant structure, soils, fertilizers, basic horticultural practices.  
 9307 10:00AM-11:50AM W F-607 T.Faulstich  
 12:00PM-02:50PM W F-607

**OH-121 Plant Propagation 3.0**  
 4243 05:00PM-07:05PM M K-122 A.Huie  
 08:00AM-12:00PM S F-607  
 12:30PM-03:45PM S F-607  
 Saturday class meetings 2/8, 2/29, 3/14, 4/4, 4/18, 5/2, 5/16.  
 Morning and afternoon are one class meeting.


**OH-130 Plant Pest Control 3.0**  
 4248 10:00AM-11:50AM T F-607 L.Rottke  
 12:00PM-02:50PM T F-607

**OH-140 Soils 3.0**  
 1952 05:00PM-06:50PM TH F-607 R.Davis  
 08:00AM-12:00PM S F-613  
 12:30PM-03:45PM S F-613  
 Saturday class meetings 2/1, 2/22, 3/7, 3/21, 4/11, 4/25, 5/9.  
 Morning and afternoon are one class meeting.

**OH-170 Plant Materials: Trees, Shrubs 3.0**  
 Identification, cultural characteristics of 125 landscape trees and shrubs.  
 1964 04:00PM-06:50PM T F-613 D.Boggs

**OH-172 Intro to Landscape Design 3.0**  
 Principles of residential landscape design for usable, pleasant outdoor spaces.  
 Recommended Preparation: "C" grade or higher or "Pass" in OH 171 or equivalent  
 1600 04:00PM-05:50PM T F-607 S.Holladay  
 06:00PM-08:50PM T F-607

**OH-174 Turf & Ground Cover Management 3.0**  
 Care, identification, pests of common and special turf, ground covers.  
 4928 05:00PM-06:50PM TH F-405 C.Erickson  
 08:00AM-12:00PM S F-405  
 12:30PM-03:45PM S F-405  
 Saturday class meetings 2/1, 2/22, 3/7, 3/21, 4/11, 4/25, 5/9.  
 Morning and afternoon are one class meeting.

+ Satisfies Cal. State University General Education  
 # Satisfies Cuyamaca College General Education (includes Graduation Requirement)  
 S Denotes short-term class  
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**OH-180 Annuals and Perennials 3.0**  
 Identification, cultural requirements, landscape value of common annuals/perennials used as bedding plants, annual color, or in the commercial floral industry.  
 5567 04:00PM-06:50PM W B-373 L.Rottke

**OH-250 Landscape Water Management 2.0**  
 Water management principles and practices for urban landscapes.  
 4250 04:00PM-04:50PM TH F-512 G.Michael  
 05:00PM-07:50PM TH F-512

**OH-260 Arboriculture 3.0**  
 6853 05:00PM-07:05PM M F-607 L.Rottke  
 08:00AM-12:00PM S F-613  
 12:30PM-03:45PM S F-613  
 Saturday class meetings 2/8, 2/29, 3/14, 4/4, 4/18, 5/2, 5/16.  
 Morning and afternoon are one class meeting.

**OH-275 Diagnose Horticultural Problem 3.0**  
 Recommended Preparation: "C" grade or higher or "Pass" in OH 120, 130, 170 or equivalent.  
 6854 10:00AM-12:00PM F F-607 T.Faulstich  
 12:30PM-03:35PM F F-607

**OH-290 Cooperative Work Experience**  
 Work experience in local horticulture industry for OH majors.  
 5577 TBA A.Huie  
 Required orientation Fri. 1/24, 5pm in F-401; second orientation TBA. 1 unit=75 hours paid/60 hours unpaid work experience.  
 5578 TBA A.Huie  
 Required orientation Fri. 1/24, 5pm in F-401; second orientation TBA. 2 units=150 hours paid/120 hours unpaid work experience.  
 5579 TBA A.Huie  
 Required orientation Fri. 1/24, 5pm in F-401; second orientation TBA. 3 units=225 hours paid/180 hours unpaid work experience.  
 5580 TBA A.Huie  
 Required orientation Fri. 1/24, 5pm in F-401; second orientation TBA. 4 units=300 hours paid/240 hours unpaid work experience.

## PARALEGAL STUDIES

**PARA-100 Intro to Paralegal Studies 3.0**  
 5586 06:30PM-08:20PM M E-231 J.Rettinger  
 Additional 1 instructional hour/week via Internet.

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

**PARA-120 Intro to Administrative Law 2.0**  
 S 7287 TBA WEB-WEB H.Rucker Jan 27-Mar 07  
 Online course; 35 total instructional hours.

**PARA-125 Business Organizations 1.0**  
 S 7149 TBA WEB-WEB S.Spaulding Mar 09-Apr 18  
 Online course; 17.5 total instructional hours required.

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

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**PARA-145 Estate Planning 2.0**  
 Prerequisite: "C" grade or higher or "Pass" in PARA 100 or equivalent.  
 Recommended Preparation: Familiarity with Canvas learning platform, basic computing, rudimentary understanding of contracts and property law.  
 S 7291 TBA WEB-WEB J.Rettinger Apr 13-May 23  
 Online course; 35 total instructional hours.

**PARA-250 Internship**  
 Prerequisite: "C" grade or higher or "Pass" in PARA 100 or equivalent.  
 5593 TBA M.Sessom  
 Mandatory meeting 1/30, 6-6:25pm in E231.  
 1 unit=75 hours paid/60 hours unpaid work experience. Resume required for the first class meeting; signed contract by fourth week.  
 5594 TBA M.Sessom  
 Mandatory meeting 1/30, at 6-6:25pm in E231.  
 2 units=150 hours paid/120 hours unpaid work experience. Resume required for the first class meeting; signed contract by fourth week.  
 5595 TBA M.Sessom  
 This class is recommended only for students interning in any County office. Mandatory meeting 1/30, at 6-6:25PM in E231.  
 3 units=225 hours paid/180 hours unpaid work experience. Resume required for the first class meeting; signed contract by fourth week.

## PERSONAL DEV-SPECIAL SERVICES

**PDSS-081 Self-Advocacy 1.0**  
 Pass/No Pass only.  
 Recommended for students with disabilities.  
 7284 TBA WEB-WEB R.Panganiban  
 Online Course; 17.5 instructional hours.

**PDSS-096 Cognitive Communication Skills 1.0**  
 Pass/No Pass only. Recommended for students with disabilities.  
 6713 10:00AM-10:50AM F A-112 M.Jones

## PHILOSOPHY

**+# PHIL-110 A General Intro to Philosophy 3.0**  
 4751 TBA WEB-WEB C.Hammond  
 Online course; 52.5 total instructional hours.  
 4314 08:00AM-09:15AM MW F-716 C.Hammond  
 4317 11:00AM-12:15PM MW F-716 C.Hammond


**+# PHIL-125 Critical Thinking 3.0**  
 4753 TBA WEB-WEB J.Thompson  
 Online course; 52.5 total instructional hours.  
 4319 09:30AM-10:45AM MW F-710 J.Thompson

**+# PHIL-130 Logic 3.0**  
 7368 TBA WEB-WEB C.Hammond  
 Online course; 52.5 total instructional hours.

**+# PHIL-140 Problems in Ethics 3.0**  
 7371 TBA WEB-WEB C.Hammond  
 Online course; 52.5 total instructional hours.

## PHYSICS

**+# PHYC-131 Fundamentals of Physics 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in PHYC 130 or equivalent.  
 7286 02:00PM-03:15PM TTH F-402 S.Stambach  
 09:00AM-11:50AM TH H-224

+ Satisfies Cal. State University General Education  
 # Satisfies Cuyamaca College General Education (includes Graduation Requirement)  
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(PHYC-131 continued)

5748	05:30PM-06:45PM	TTH	F-408	S.Stambach
	07:00PM-09:50PM	T	H-223	
9883	05:30PM-06:45PM	TTH	F-408	S.Stambach
	07:00PM-09:50PM	TH	H-223	

**+# PHYC-190 Mechanics and Heat 5.0**  
 Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent or concurrent enrollment.

5749	08:00AM-09:50AM	MW	H-223	K.Graves
	02:00PM-04:50PM	M	H-223	
8405	11:00AM-12:50PM	TTH	H-223	W.Crockett
	11:00AM-01:50PM	F	H-223	
9197	05:00PM-06:50PM	MW	H-223	S.Stambach
	07:00PM-09:50PM	W	H-223	

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

4616	08:00AM-09:50AM	TTH	H-223	O.Hamil
	03:30PM-06:20PM	T	H-223	
0333	10:00AM-11:50AM	MW	H-223	M.Simpson
	02:00PM-04:50PM	W	H-223	

**+# PHYC-210 Wave Motion and Modern Physics 5.0**  
 Prerequisite: "C" grade or higher or "Pass" in PHYC 190 or equivalent; "C" grade or higher or "Pass" in MATH 281 or equivalent or concurrent enrollment.

5752	01:30PM-03:20PM	TTH	H-223	D.Tibbets
	03:30PM-06:20PM	TH	H-223	

## POLITICAL SCIENCE


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

4365	09:30AM-10:45AM	MW	F-514	J.Umali
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**+# POSC-121 Intro to U.S. Govt & Politics 3.0**  
 Introduction to concepts and structures of U.S. government and politics.

5756	TBA	WEB-WEB	J.Franco	
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Online course; 52.5 total instructional hours.


 \*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.

6989	11:00AM-12:15PM	TTH	F-614	J.Franco
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 \*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.

6988	06:00PM-07:50PM	T	F-507	J.Franco
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Additional 1 instructional hour/week via internet.

 \*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.

**+# POSC-124 Comparative Govt and Politics 3.0**

6990	08:00AM-09:15AM	TTH	F-514	H.Yusufi
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**+# POSC-130 Intro International Relations 3.0**

7104	TBA	WEB-WEB	J.Franco	
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Online course; 52.5 total instructional hours.

4366	11:00AM-12:15PM	MW	F-514	E.Nash
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+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)







S Denotes short-term class

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# **POSC-170 Intro-Polit Sci Research Meth 3.0**  
 6991 09:30AM-10:45AM TTH E-206 J.Franco  
 \*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.


## PSYCHOLOGY

+# **PSY-120 Introductory Psychology 3.0**  
 The science of human behavior, thought and emotion.  
 4781 TBA WEB-WEB M.Salazar  
 Online course; 52.5 total instructional hours.  
 \*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.  
 5765 TBA WEB-WEB M.Salazar  
 Online course; 52.5 total instructional hours.  
 \*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.  
 1746 08:00AM-09:15AM TTH B-101 S.Weinert  
 \*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.  
 S 7253 08:00AM-11:15AM M HSHM-HSHM M.Mansoor Jan 27-May 29  
 Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room 301. Registration for dual enrollment students at HSHMC only. No meetings 3/30 to 4/3 (Spring Break). No meetings 5/22 (Memorial Day Weekend). Contact instructor for enrollment information.  
 S 4689 09:00AM-12:05PM MTWTHF B-271 S.Weinert Jan 02-Jan 25  
 \*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.  
 5763 11:00AM-12:15PM MW B-101 S.Weinert  
 \*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.  
 9431 11:00AM-12:15PM TTH E-229 J.Jones  
 5769 12:30PM-01:45PM MW F-512 J.Jones  
 5771 06:00PM-07:50PM M F-508 M.Salazar  
 Additional 1 instructional hour/week via internet.  
 \*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.


+# **PSY-134 Human Sexuality 3.0**  
 Psychological, biological and social aspects of human sexuality.  
 7235 12:30PM-02:20PM TH F-513 M.Salazar  
 Additional 1 instructional hour/week via internet.

+# **PSY-138 Social Psychology 3.0**  
 7105 11:00AM-12:15PM TTH F-512 M.Salazar  
 \*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.

+# **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.  
 4369 09:30AM-10:45AM TTH B-101 S.Weinert


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- +# 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  
 4782 TBA WEB-WEB S.Weinert  
 Online course; 52.5 total instructional hours. Email [steve.weinert@gcccd.edu](mailto:steve.weinert@gcccd.edu)
- +# PSY-170 Abnormal Psychology 3.0**  
 Research/theory involving the causes and treatment of psychological disorders.  
 4487 TBA WEB-WEB T.Doyle  
 Online course; 52.5 total instructional hours.  
 See <http://www.cuyamaca.edu/people/tom-doyle/default.aspx>  
 S 7431 08:00AM-11:00AM TH HSHM-HSHM M.Mansoor Jan 27-Jun 03  
 Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room 301. No meetings 3/30 to 4/3 (Spring Break). No meetings 5/22 (Memorial Day Weekend).  
 Registration for dual enrollment students at HSHMC only. Contact instructor for enrollment information.
- PSY-201 Acad/Career Opportunity-Psych 1.0**  
 Pass/No Pass Only.  
 Prerequisite: "C" grade or higher in PSY 120 or equivalent.  
 4957 12:30PM-01:20PM T F-508 M.Salazar
- PSY-205 Research Methods in Psychology 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in PSY 120, and 215 or MATH 160 or equivalent.  
 0837 09:00AM-12:05PM F E-210 S.Weinert  
 Section #0837 uses free materials.  
 6980 06:00PM-08:50PM W E-210 M.Salazar
-  \*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.
- # PSY-211 Cognitive Psychology 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in PSY 120 or equivalent.  
 6977 09:30AM-10:45AM MW B-101 S.Weinert
- +# 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 110 or equivalent.  
 9432 12:30PM-02:45PM M E-210 S.Weinert  
 12:30PM-01:20PM W E-210  
 01:30PM-02:45PM W E-210  
 Student must be concurrently enrolled in MATH 060 #7178.  
 7106 12:30PM-02:45PM T E-210 M.Sousa  
 12:30PM-01:20PM TH E-210  
 01:30PM-02:45PM TH E-210

**REAL ESTATE**

- RE-190 Real Estate Principles 3.0**  
 5786 TBA WEB-WEB G.Daunoras  
 Online course; 52.5 total instructional hours. Email [gregory.daunoras@gcccd.edu](mailto:gregory.daunoras@gcccd.edu) for details.
- RE-191 Real Estate Practice 3.0**  
 5787 06:30PM-09:20PM T E-229 S.Wilson
- RE-192 Real Estate Finance 3.0**  
 5790 TBA WEB-WEB G.Daunoras  
 Online course; 52.5 total instructional hours.

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**RE-194 Real Estate Appraisal 3.0**  
 5791 TBA WEB-WEB S.Yepiz  
 Online course; 52.5 total instructional hours.

**RE-250 Real Estate Internship**  
 0861 TBA R.Perez  
 Mandatory meeting 1/30 at 5:30-6:25PM in E-229.  
 1 unit=75 hours paid/60 hours unpaid work experience.  
 0862 TBA R.Perez  
 Mandatory meeting 1/30 at 5:30-6:25PM in E-229.  
 2 units=150 hours paid/120 hours unpaid work experience.  
 0863 TBA R.Perez  
 Mandatory meeting 1/30 at 5:30-6:25PM in E-229.  
 3 units=225 hours paid/180 hours unpaid work experience.

## RELIGIOUS STUDIES

**+# RELG-120 World Religions 3.0**  
 7020 TBA WEB-WEB D.Hull  
 Online course; 52.5 instructional hours required. See [www.cuyamaca.edu/dale.hull](http://www.cuyamaca.edu/dale.hull) after 1/15.  
 5016 11:00AM-12:15PM MW F-405 P.Carmona

## SCIENCE

**+ SCI-100 Success-Sci, Tech, Engr, Math 3.0**  
 1519 11:00AM-12:15PM MW H-205 F.Bouton

## SOCIOLOGY

**+# SOC-120 Introductory Sociology 3.0**  
 Social theories and methods; social institutions, interaction and social changes.  
 5810 TBA WEB-WEB U.Hines  
 Online course; 52.5 total instructional hours. See [www.introsoc.com](http://www.introsoc.com) for orientation; pay special attention to FAQ page. Email questions to [ursula.hines@gcccd.edu](mailto:ursula.hines@gcccd.edu)  
 7026 TBA WEB-WEB U.Hines  
 Online course; 52.5 total instructional hours. See [www.introsoc.com](http://www.introsoc.com) for orientation; pay special attention to FAQ page. Email questions to [ursula.hines@gcccd.edu](mailto:ursula.hines@gcccd.edu).  
 1146 08:00AM-09:15AM TTH F-512 C.Anderson  
 5813 09:30AM-10:45AM MW F-507 R.Jacob-Almeida  
 5811 09:30AM-10:45AM TTH F-512 C.Anderson  
 5814 11:00AM-12:15PM MW F-608 A.Vega


**+# SOC-125 Marriage, Fam & Alt Lifestyles 3.0**  
 Understanding factors conducive to successful marital and family relationships.  
 4389 TBA WEB-WEB R.Horn Langford  
 Online course; 52.5 total instructional hours.

**+# SOC-130 Contemporary Social Problems 3.0**  
 4391 11:00AM-12:15PM TTH B-172 R.Jacob-Almeida




**# SOC-140 Sex and Gender Across Cultures 3.0**  
 6986 12:30PM-01:45PM TTH B-172 R.Jacob-Almeida

## SPANISH

**+# SPAN-120 Spanish I 5.0**  
 5820 07:00AM-09:15AM MW F-502 M.Berumen  
 5822 09:30AM-11:45AM MW F-502 L.Maldonado  
 5821 09:30AM-11:45AM TTH F-502 C.Diaz  
 6987 12:30PM-02:45PM MW F-502 S.Gonzalez  
 5828 06:00PM-08:15PM TTH F-502 D.Muzquiz-Guerreiro

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- +# SPAN-121 Spanish II 5.0**  
 Prerequisite: "C" grade or higher or "Pass" in SPAN 120 or two years of high school Spanish or equivalent.  
 4321 09:30AM-11:45AM MW F-506 D.Muzquiz-Guerreiro  
 4323 06:00PM-07:25PM TTH F-407 K.Gutierrez  
 Additional 2 instructional hours/week via Internet.
- +# SPAN-220 Spanish III 5.0**  
 Prerequisite: "C" grade or higher or "Pass" in SPAN 121 or three years of high school Spanish or equivalent.  
 4324 09:30AM-11:45AM TTH F-506 A.Stere-Lugo
- +# SPAN-221 Spanish IV 5.0**  
 Prerequisite: "C" grade or higher or "Pass" in SPAN 220 or four years of high school Spanish or equivalent.  
 4326 12:30PM-02:45PM TTH F-506 K.Gutierrez  
 \*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.
- +# SPAN-250 Conversational Spanish I 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in SPAN 121 or 220 or 221 or three years of high school Spanish or equivalent.  
 5838 12:30PM-01:45PM MW F-506 M.Berumen  
 \*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.
- +# SPAN-251 Conversational Spanish II 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in SPAN 250 or four years of high school Spanish or equivalent.  
 4325 12:30PM-01:45PM MW F-506 M.Berumen  
 \*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.

## SURVEYING

- SURV-218 Plane Surveying 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in MATH 170 or MATH 176, or equivalent or concurrent enrollment.  
 5868 08:00AM-09:50AM S F-614 D.Woolley  
 10:00AM-01:10PM S F-614  
 01:40PM-04:30PM S F-614  
 Also listed as ENGR 218 #5257.
- SURV-220 Boundary Control & Legal Princ 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in SURV/ENGR 218 or equivalent.  
 4240 02:30PM-05:35PM S F-621 E.Brisendine
- SURV-240 Advanced Surveying 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in SURV/ENGR 218 or equivalent.  
 4485 07:30AM-10:35AM S F-621 E.Brisendine  
 11:05AM-01:55PM S F-621

## SOCIAL WORK

- SW-110 Social Work Fields of Service 3.0**  
 1571 09:30AM-10:45AM TTH E-225 C.McCray  
 8998 11:00AM-12:15PM TTH E-225 C.McCray
- SW-120 Introduction to Social Work 3.0**  
 1891 06:00PM-08:50PM T F-513 B.Williams

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## THEATRE ARTS

<b>+#</b>	<b>THTR-110</b>	<b>Introduction to the Theatre</b>	<b>3.0</b>
	4309	02:30PM-03:45PM	TTH B-301 B.Chambers

## WORK EXPERIENCE

### **WEX-110 General Cooperative Work Exp**

0560	TBA	M.Campuzano
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Required orientation Mon. 1/27 from 5pm-6 in room B-101. Students must attend the orientation or they will be dropped from the class. Email questions to michelle.campuzano@gcccd.edu.  
1 unit=75 hours paid/60 hours unpaid work experience.

1737	TBA	L.Ashak
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Required orientation Mon. 1/27 from 6:15pm-7:15 in room B-101. Students must attend the orientation or they will be dropped from the class. Email questions to liza.ashak@gcccd.edu.  
2 units=150 hours paid/120 hours unpaid work experience.

1738	TBA	M.Nguyen
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Required orientation Mon. 1/27 from 5pm-6 in room F-401. Students must attend the orientation or they will be dropped from the class. Email questions to my-linh.nguyen@gcccd.edu.  
3 units=225 hours paid/180 hours unpaid work experience.

4820	TBA	A.Blyumin
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Required orientation Mon. 1/27 from 5pm-6 in room A-112. Students must attend the orientation or they will be dropped from the class. Email questions to amaliya.blyumin@gcccd.edu.  
3 units=225 hours paid/180 hours unpaid work experience.

6933	TBA	R.Jerjis
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Required orientation Mon. 1/27 from 6:15pm-7:15 in room A-112. Students must attend the orientation or they will be dropped from the class. Email questions to raad.jerjis@gcccd.edu.  
3 units=225 hours paid/180 hours unpaid work experience.

6934	TBA	O.Torres
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Required orientation Mon. 1/27 from 5pm-6 in room F-405. Students must attend the orientation or they will be dropped from the class. Email questions to osvaldo.torres@gcccd.edu.  
3 units=225 hours paid/180 hours unpaid work experience.

7314	TBA	C.Morrin
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Required orientation Mon. 1/27 from 5pm-6 in room F-407. Students must attend the orientation or they will be dropped from the class. Email questions to cindy.morrin@gcccd.edu.  
3 units=225 hours paid/180 hours unpaid work experience.

7348	TBA	N.Keeley
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Required orientation Tues. 1/28 from 5pm-6 in room A-112. Students must attend the orientation or they will be dropped from the class.  
3 units=225 hours paid/180 hours unpaid work experience.

7353	TBA	V.Jarrous
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Required orientation Tues. 1/28 from 6:15pm-7:15 in room A-112. Students must attend the orientation or they will be dropped from the class.  
3 units=225 hours paid/180 hours unpaid work experience.

7362	TBA	S.Armenta
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Required orientation Tues. 1/28 from 5pm-6 in room F-401. Students must attend the orientation or they will be dropped from the class.  
1 unit=75 hours paid/60 hours unpaid work experience.

7364	TBA	A.Yassi
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Required orientation Tues. 1/28 from 6:15pm-7:15 in room F-401. Students must attend the orientation or they will be dropped from the class.  
2 units=150 hours paid/120 hours unpaid work experience.

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(WEX-110 continued)

7421 TBA

R.Putrus

Required orientation Tues. 1/28 from 6pm-7pm in room F-405.


Students must attend the orientation or they will be dropped from the class. Email questions to instructor.

3 units=225 hours paid/180 hours unpaid work experience.

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