

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

## CUYAMACA COLLEGE

### Spring 2016 Course Offerings

As of February 02, 2016

#### ANTHROPOLOGY

- +# ANTH-120 Cultural Anthropology 3.0**  
Methods and theories of anthropology; cultural variations and similarities.  
1221 09:30AM-10:45AM TTH F-514 B.Nugent  
6954 11:00AM-12:15PM MW F-507 B.Nugent
- +# ANTH-130 Intro to Physical Anthropology 3.0**  
4751 08:00AM-09:15AM TTH F-514 B.Nugent

#### ARAMAIC

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

#### ARABIC

- +# ARBC-120 Arabic I 5.0**  
8281 09:30AM-11:45AM MW F-518 A.Sheai  
8896 09:30AM-11:45AM MW B-172 N.Ireiqat  
4936 12:30PM-02:45PM MW F-506 G.Sako  
7281 12:30PM-02:45PM TTH F-518 H.Boles  
8280 03:30PM-05:45PM MW F-502 H.Alkassas  
4937 06:30PM-08:45PM TTH F-506 J.Gazale
- +# ARBC-121 Arabic II 5.0**  
Prerequisite: "C" grade or higher or "Pass" in ARBC 120 or two years of high school Arabic or equivalent.  
8282 12:30PM-02:45PM MW F-518 A.Sheai  
4939 03:30PM-05:45PM MW F-518 G.Zakaria  
4938 05:00PM-07:15PM TTH F-413 G.Zakaria  
1478 06:30PM-08:45PM MW F-513 G.Sako
- +# ARBC-145 Arabic Civilizations 3.0**  
1171 09:00AM-12:05PM F F-506 R.Aoneh
- +# ARBC-220 Arabic III 5.0**  
Prerequisite: "C" grade or higher or "Pass" in ARBC 121 or three years of high school Arabic or equivalent.  
6983 03:30PM-05:45PM MW F-506 N.Aldulaimi  
4942 03:30PM-05:45PM TTH F-506 J.Gazale
- +# ARBC-221 Arabic IV 5.0**  
Prerequisite: "C" grade or higher or "Pass" in ARBC 220 or four years of high school Arabic or equivalent.  
4806 06:00PM-08:15PM MW F-506 N.Aldulaimi
- +# ARBC-250 Conversational Arabic I 3.0**  
Prerequisite: "C" grade or higher or "Pass" in ARBC 121 or Three years of high school Arabic or equivalent.  
9850 09:00AM-12:05PM F F-518 H.Alkassas
- +# ARBC-251 Conversational Arabic II 3.0**  
Prerequisite: "C" grade or higher or "Pass" in ARBC 250 or four years of high school Arabic or equivalent.  
9851 09:00AM-12:05PM F F-411 N.Ireiqat

#### ART

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

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

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(ART-100-4925 continued)

Online course; 52.5 total instructional hours. Contact erin.whitman@gcccd.edu for course assignments between 1/21 - 1/29.

7283 TBA WEB-WEB X.Eggleton

Online course; 52.5 total instructional hours. Contact erin.whitman@gcccd.edu for course assignments between 1/21 - 1/29.

9928 TBA WEB-WEB X.Eggleton

Online course; 52.5 total instructional hours. Contact Xuchi.Eggleton@gcccd.edu for course information. Complete introductory assignments between 1/21-1/29.

8777 TBA WEB-WEB O.Montano

Online course; 52.5 total instructional hours.

8883 TBA WEB-WEB X.Eggleton

Online course; 52.5 total instructional hours. Contact Xuchi.Eggleton@gcccd.edu for course information. Complete Introductory assignments between 1/21-1/29.

4661 08:00AM-09:15AM TTH B-101 O.Montano

Class meets in the Digital Theatre B101.

S 4927 09:00AM-12:30PM MTWTHF B-360 E.Cline Jan 04-Jan 23

4947 09:30AM-10:45AM MW F-614 E.Cline

9481 01:00PM-02:15PM TTH F-614 S.Schlichtenmyer

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

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

4662 09:30AM-10:20AM MW B-373 M.Ramos

10:30AM-12:20PM MW B-373

4949 01:00PM-01:50PM MW B-363 C.Lewallen

02:00PM-03:50PM MW B-363

4948 01:00PM-01:50PM TTH B-373 M.Ramos

02:00PM-03:50PM TTH B-373

**ART-121 Painting I 3.0**

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

Prerequisite: "C" grade or higher or "Pass" in ART 120 or ART 124 or equivalent.

4951 12:30PM-01:20PM TTH B-371 D.Babylon

01:30PM-03:20PM TTH B-371

**# ART-124 Drawing I 3.0**

Develop your right and left brain using drawing skills. Art supplies must be provided by student.

4954 09:30AM-10:20AM TTH B-368 S.Schlichtenmyer

10:30AM-12:20PM TTH B-368

4664 01:00PM-01:50PM MW B-373 M.Ford

02:00PM-03:50PM MW B-373

9177 01:00PM-01:50PM TTH B-363 J.Eggleton

02:00PM-03:50PM TTH B-376

**ART-125 Drawing II 3.0**

Art supplies must be provided by student.

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

4957 09:30AM-10:20AM MW B-363 C.Lewallen

10:30AM-12:20PM MW B-363

**+# ART-141 Hist West Art II 1250 AD-Pres 3.0**

0811 06:00PM-08:50PM TH B-365 J.Abels

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

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

8271 TBA WEB-WEB E.Whitman

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

+ Satisfies Cal. State University General Education

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<b>+#</b>	<b>ART-148 Introduction to Crafts</b>	<b>3.0</b>		
	\$20 Supplies and materials fee for art projects due at registration.			
	4665	09:30AM-10:20AM	TTH	B-363 M.Ramos
		10:30AM-12:20PM	TTH	B-363
	<b>ART-220 Painting II</b>	<b>3.0</b>		
	Learn painting techniques in oils or acrylics. Art supplies must be provided by student.			
	Prerequisite: "C" grade or higher or "Pass" in ART 121 or equivalent.			
	4969	04:00PM-04:50PM	MW	B-371 D.Babylon
		05:00PM-06:50PM	MW	B-371
	<b>ART-221 Painting III</b>	<b>3.0</b>		
	Developing a "personal statement." Art supplies must be provided by student.			
	Prerequisite: "C" grade or higher or "Pass" in ART 220 or equivalent.			
	4970	04:00PM-04:50PM	MW	B-371 D.Babylon
		05:00PM-06:50PM	MW	B-371
	<b>ART-222 Painting IV</b>	<b>3.0</b>		
	Art supplies must be provided by student.			
	Prerequisite: "C" grade or higher or "Pass" in ART 221 or equivalent.			
	4971	04:00PM-04:50PM	MW	B-371 D.Babylon
		05:00PM-06:50PM	MW	B-371
	<b>ART-224 Drawing III</b>	<b>3.0</b>		
	Art supplies must be provided by student.			
	Prerequisite: "C" grade or higher or "Pass" in ART 125 or equivalent.			
	4965	09:30AM-10:20AM	MW	B-363 C.Lewallen
		10:30AM-12:20PM	MW	B-363
	<b>ART-225 Drawing IV</b>	<b>3.0</b>		
	Art supplies must be provided by student.			
	Prerequisite: "C" grade or higher or "Pass" in ART 224 or equivalent.			
	4966	09:30AM-10:20AM	MW	B-363 C.Lewallen
		10:30AM-12:20PM	MW	B-363
	<b>ART-230 Figure Drawing I</b>	<b>3.0</b>		
	Develop expressive drawing techniques with regard to the human form. Art supplies must be provided by student.			
	Prerequisite: "C" grade or higher or "Pass" in ART 124 or equivalent.			
	4964	12:30PM-01:20PM	MW	B-368 D.Babylon
		01:30PM-03:20PM	MW	B-368
	<b>ART-231 Figure Drawing II</b>	<b>3.0</b>		
	Develop expressive drawing techniques with regard to the human form. Art supplies must be provided by student.			
	Prerequisite: "C" grade or higher or "Pass" in ART 230 or equivalent.			
	4967	12:30PM-01:20PM	MW	B-368 D.Babylon
		01:30PM-03:20PM	MW	B-368
	<b>ART-232 Figure Drawing III</b>	<b>3.0</b>		
	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	12:30PM-01:20PM	MW	B-368 D.Babylon
		01:30PM-03:20PM	MW	B-368

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**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 12:30PM-01:20PM MW B-368 D.Babylon  
 01:30PM-03:20PM MW B-368

## AMERICAN SIGN LANGUAGE

**+# ASL-120 American Sign Language I 4.0**  
 4920 09:30AM-11:20AM MW B-164 S.Engelhart  
 8241 09:30AM-11:20AM TTH B-162 J.Crouch  
 4922 11:30AM-01:20PM MW B-164 S.Engelhart  
 4921 11:30AM-01:20PM TTH B-164 J.Smith  
 9446 02:00PM-03:50PM TTH B-164 B.Cohen  
 9445 05:00PM-09:05PM M B-164 S.Swadell  
 4924 06:00PM-07:50PM MW B-312 J.Smith  
 4919 06:30PM-08:20PM TTH B-164 B.Cohen

**+# ASL-121 American Sign Language II 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in ASL 120 or equivalent.  
 9561 09:30AM-11:20AM TTH B-164 D.Yanke  
 9563 11:00AM-12:50PM MW B-162 D.Yanke  
 0916 05:00PM-06:50PM MW B-162 D.Yanke

**S ASL-125 ASL with Infants and Toddlers 1.0**  
 9187 06:00PM-08:05PM T B-162 J.Smith Jan 25-Mar 19

**S ASL-126 ASL with School Age Children 1.0**  
 9188 06:00PM-08:05PM T B-162 J.Smith Mar 28-May 21

**ASL-130 Sign Language: 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 J.Oloughlin

**+# ASL-220 American Sign Language III 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in ASL 121 or equivalent.  
 9500 12:30PM-02:20PM TTH 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 04:00PM-05:50PM TTH B-162 D.Yanke

## ASTRONOMY

**+# ASTR-110 Descriptive Astronomy 3.0**  
 6603 09:30AM-10:45AM MW F-402 G.Thurman  
 4923 09:30AM-10:45AM TTH F-402 G.Thurman  
 4978 05:30PM-06:45PM TTH F-402 G.Thurman

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

## AUTOMOTIVE TECHNOLOGY

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

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**AUTO-100 Intro to Auto Technology Lab 1.0**

Hands-on introductory lab course; learn the basics of auto service.

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

**AUTO-120 Engine Performance I 5.0**

Includes engine mechanical and ignition systems including modern coil-on-plug systems.

Prerequisite: "C" grade or higher or "Pass" in AUTO 099 or 100 or equivalent or concurrent enrollment.

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

**AUTO-121 Emission Control License 5.0**

California Bureau of Automotive Repair (BAR) Approved Basic and Advanced Clean Air Car Course. Advanced course, requires knowledge of mechanical, fuel, ignition, electrical, computer systems.

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

**AUTO-122 Automotive Electrical Systems 5.0**

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

**AUTO-124 Engine Performance III 5.0**

Includes code/no code diagnosis and extensive testing of computer sensors/actuators using Digital Storage Oscilloscopes and various scan tools.

Recommended Preparation: "C" grade or higher or "Pass" in AUTO 123 or equivalent

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

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

4012	08:00AM-12:00PM	S	K-114	J.Pinnell
	12:30PM-02:20PM	S	K-114	
	02:30PM-05:35PM	S	K-114	

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

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

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

**AUTO-135 Advanced Brakes 5.0**

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

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

**AUTO-152 Drive Train Systems 4.0**

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

**AUTO-180 Automotive Service Advisor 1.0**

S	4996	06:00PM-09:15PM	F	K-122	C.Branton	Jan 25-Mar 05
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Fri. meetings: 1/29, 2/5, 2/19, 2/26, 3/4

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**AUTO-182 Automotive Work Experience**

Prerequisite: Completion of a minimum of 10 units in Automotive Program. Must meet state guidelines for work experience.  
 4997 TBA C.Branton  
 Mandatory orientation; call Chris Branton at 619-660-4213.  
 1 unit=75 hours paid/60 hours unpaid work experience.  
 4998 TBA C.Branton  
 Mandatory orientation; call Chris Branton at 619-660-4213.  
 2 units=150 hours paid/120 hours unpaid work experience.  
 4999 TBA C.Branton  
 Mandatory orientation; call Chris Branton at 619-660-4213.  
 3 units=225 hours paid/180 hours unpaid work experience.

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

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

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

**BIOLOGICAL SCIENCES**

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

**+# BIO-130 General Biology I 3.0**  
 The characteristics shared by all life forms.  
 5014 08:00AM-09:15AM TTH F-606 A.Khan  
 5009 09:30AM-10:45AM MW F-606 M.Garcia  
 5012 09:30AM-10:45AM TTH F-606 A.Khan  
 8373 09:30AM-10:45AM TTH F-408 J.Redfern  
 9585 11:00AM-12:15PM MW F-606 M.Garcia  
 5010 11:00AM-12:15PM TTH F-606 A.Khan  
 5011 12:30PM-01:45PM MW F-606 C.Paterson  
 8874 12:30PM-01:45PM TTH E-223 C.Burnett  
 8375 02:00PM-03:15PM TTH F-606 M.Garcia  
 6615 05:30PM-06:45PM TTH E-223 S.Attle

**+# BIO-131 General Biology I Laboratory 1.0**  
 Experiments on the characteristics shared by all life forms.  
 Prerequisite: "C" grade or higher or "Pass" in BIO 130 or equivalent or concurrent enrollment.  
 5028 09:00AM-12:05PM F H-221 C.Paterson  
 8376 11:00AM-01:50PM T H-221 J.Redfern  
 8385 11:00AM-01:50PM TH H-221 J.Redfern  
 9085 11:00AM-01:50PM W H-221 H.Valtierra  
 5023 02:30PM-05:20PM T H-221 C.Burnett  
 5026 02:30PM-05:20PM TH H-221 C.Burnett  
 9600 02:30PM-05:20PM W H-221 C.Paterson  
 5027 02:30PM-05:35PM M H-221 C.Paterson  
 8391 07:00PM-09:50PM T H-221 S.Attle  
 6624 07:00PM-09:50PM TH H-221 S.Attle

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

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(BIO-140 continued)

	9334	01:00PM-02:15PM	TTH	H-207	W.Helfman	
		02:25PM-05:15PM	TTH	H-207		
	8388	05:30PM-06:45PM	MW	H-207	N.Howe	
		07:00PM-09:50PM	MW	H-207		
	9335	05:30PM-06:45PM	TTH	H-207	B.Richardson	
		06:55PM-09:45PM	TTH	H-207		
<b>+</b>	<b>BIO-141 Human Physiology</b>			<b>3.0</b>		
	Prerequisite: "C" grade or higher or "Pass" in BIO 130, 131 or equivalent.					
	9339	05:30PM-06:45PM	TTH	F-408	S.Matz	
<b>+</b>	<b>BIO-141L Lab in Human Physiology</b>			<b>1.0</b>		
	Prerequisite: "C" grade or higher or "Pass" in BIO 130, 131 or equivalent, BIO 141 or equivalent or concurrent enrollment.					
	9340	02:00PM-04:50PM	T	H-222	F.Bouton	
	9341	07:00PM-09:50PM	T	H-222	S.Matz	
<b>+#</b>	<b>BIO-152 Paramedical Microbiology</b>			<b>5.0</b>		
	Prerequisite: "C" grade or higher or "Pass" in BIO 130, 131 or equivalent.					
	Recommended Preparation: "C" grade or higher or "Pass" in CHEM 115 or equivalent.					
	9342	08:00AM-09:15AM	TTH	H-221	K.Nette	
		09:25AM-12:15PM	TTH	H-206	K.Nette	
	9343	05:00PM-06:15PM	TTH	F-702	S.Walls	
		06:25PM-09:15PM	TTH	H-206		
<b>+#</b>	<b>BIO-230 Cellular/Molecular/Evolu Bio</b>			<b>4.0</b>		
	Prerequisite: "C" grade or higher or "Pass" in CHEM 141 or equivalent.					
	6628	02:00PM-03:50PM	M	F-505	K.Nette	
		02:00PM-02:50PM	W	F-505		
		03:00PM-05:50PM	W	H-206		
	8772	02:00PM-03:50PM	M	F-505	K.Nette	
		02:00PM-02:50PM	W	F-505		
		03:00PM-05:50PM	W	H-205		
<b>+#</b>	<b>BIO-240 Ecology/Evol/Organismal Bio</b>			<b>5.0</b>		
	Prerequisite: "C" grade or higher or "Pass" in MATH 110 or equivalent.					
	Recommended Preparation: "C" grade or higher or "Pass" in ENGL 109 or equivalent.					
	6626	09:00AM-10:50AM	TTH	H-222	M.Garcia/G.Brulte/C.Burnett	
		11:00AM-12:15PM	TTH	H-222		
	<b>BIO-251 Human Dissection</b>			<b>1.0</b>		
	Preregistration counseling with instructor required; class has limited enrollment. Add code must be obtained from instructor to enroll.					
	Prerequisite: "C" grade or higher or "Pass" in BIO 140 or equivalent and recommendation from the student's Human Anatomy instructor.					
	8389	12:00PM-03:05PM	F	H-207	F.Bouton	

## BUSINESS OFFICE TECHNOLOGY

	<b>BOT-096 Computer Basics for the Office</b>			<b>1.0</b>		
	Pass/No Pass only.					
	Recommended Preparation: "C" grade or higher or "Pass" in BOT 100 or equivalent, ENGL 098R or ESL 103R or equivalent reading level.					
S	5729	10:00AM-12:10PM	TH	E-120	D.Woods	Jan 25-Mar 19
	Additional 2 instructional hours/week via Internet.					
	<b>BOT-100 Basic Keyboarding</b>			<b>1.0</b>		
	Recommended Preparation: "C" grade or higher or "Pass" in ENGL 098R or ESL 103R or equivalent reading level.					
S	5039	08:30AM-10:35AM	MW	E-120	H.Ikzir	Feb 08-May 07

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(BOT-100 continued)

S	8318	09:00AM-11:10AM	F	E-120	H.Ikzir	Feb 16-May 14
		Additional 2 instructional hours/week via Internet.				
S	6896	09:00AM-11:10AM	T	E-120	C.Lloyd	Feb 08-May 07
		Additional 2 instructional hours/week via Internet.				

**BOT-117 Essential PowerPoint 1.0**

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

S	5049	10:00AM-12:10PM	TH	E-120	C.Lloyd	Mar 28-May 21
		Additional 2 instructional hours/week via Internet.				

**BOT-120 Comprehensive Word I 1.0**

Recommended Preparation: "C" grade or higher or "Pass" in BOT 096, 097, 101AB or equivalent, ENGL 098R or ESL 103R or equivalent reading level.

S	5068	TBA	WEB-WEB		P.Newman	Feb 01-Mar 05
		Online course; 35 total instructional hours. See <a href="http://www.cuyamaca.edu/bot">www.cuyamaca.edu/bot</a> for orientation; complete by 2/3.				

**BOT-121 Comprehensive Word II 1.0**

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

S	0870	TBA	WEB-WEB		P.Newman	Mar 07-Apr 16
		Online course; 35 total instructional hours. See <a href="http://www.cuyamaca.edu/bot">www.cuyamaca.edu/bot</a> for orientation; complete by 3/9.				

**BOT-122 Comprehensive Word III 1.0**

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

S	9345	TBA	WEB-WEB		P.Newman	Apr 18-May 21
		Online course; 35 total instructional hours. See <a href="http://www.cuyamaca.edu/bot">www.cuyamaca.edu/bot</a> for orientation; complete by 4/20. To add class, email instructor.				

**BOT-151 Using Microsoft Outlook 1.0**

Recommended Preparation: "C" grade or higher or "Pass" in BOT 096, 097, 101AB, 114 or 120 or equivalent.

S	5062	11:00AM-01:25PM	M	E-120	A.Zuckerman	Jan 25-Mar 19
		Additional 2 instructional hours/week via Internet.				

**BOT-223 Office Work Experience 1.0**

Prerequisite: Limited to BOT majors who have completed at least 12 units in the major.

Recommended Preparation: Keyboarding and computer skills as well as training in a variety of office procedures as required by most worksites.

	9350	TBA			P.Newman	
		Required orientation: email <a href="mailto:pat.newman@gcccd.edu">pat.newman@gcccd.edu</a> . Must be completed by 2/5. 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 <a href="mailto:pat.newman@gcccd.edu">pat.newman@gcccd.edu</a> . Must be completed by 2/5. 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.



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(BOT-225 continued)

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

**BUSINESS**

**BUS-110 Introduction to Business 3.0**

5212 TBA WEB-WEB D.Fitch  
 Online course; 52.5 total instructional hours.  
 5073 10:00AM-11:30AM T E-227 J.Damato  
 Additional 1 hour 20 minutes instructional time/week via Internet.

**BUS-111 Entrep: Starting a Business 3.0**

Starting or expanding a small business.  
 8950 06:00PM-09:05PM M E-227 J.Damato

**BUS-115 Human Relations in Business 3.0**

5091 TBA WEB-WEB M.Aubry  
 Online course; 52.5 total instructional hours. Students must contact michael.aubry@gcccd.edu prior to class starting.

**BUS-120 Financial Accounting 4.0**

5080 TBA WEB-WEB R.Farris  
 Online course; 70 total instructional hours. Working knowledge of Word, Excel REQUIRED. Email rachel.farris@gcccd.edu.  
 5075 10:00AM-11:50AM TTH E-223 R.Farris  
 6760 12:00PM-02:20PM M E-225 R.Pacco  
 Additional 1.5 instructional hours/week via Internet.  
 5076 06:00PM-08:20PM TH E-225 C.Quinn  
 Additional 1.5 instructional hours/week via Internet.

**BUS-121 Managerial Accounting 4.0**

Prerequisite: "C" grade or higher or "Pass" in BUS 120 or equivalent.  
 5092 TBA WEB-WEB C.Obyrne  
 Online course; 70 total instructional hours. Working knowledge of Word, Excel REQUIRED. Email christopher.obyrne@gcccd.edu.  
 8304 TBA WEB-WEB C.Obyrne  
 Online course; 70 total instructional hours. Working knowledge of Word, Excel REQUIRED. Email christopher.obyrne@gcccd.edu.  
 5081 12:00PM-01:50PM TTH E-225 C.Obyrne

**BUS-125 Business Law 3.0**

S 5083 TBA WEB-WEB M.Sessom Jan 25-Mar 19  
 Online course; 52.5 total instructional hours. Familiarity with computers, Internet required.  
 5213 TBA WEB-WEB M.Sessom  
 Online course; 52.5 total instructional hours. Familiarity with computers, Internet required.  
 S 5086 TBA WEB-WEB M.Sessom Mar 28-May 21  
 Online course; 52.5 total instructional hours. Familiarity with computers, Internet required.  
 5084 06:30PM-08:20PM W E-223 H.Rucker  
 Additional 1 instructional hour/week via Internet.

**BUS-128 Business Communication 3.0**

Prerequisite: "C" grade or higher or "Pass" in ENGL 109 or equivalent.  
 0866 TBA WEB-WEB J.Damato  
 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.  
 0867 TBA WEB-WEB J.Damato  
 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.

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S Denotes short-term class

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(BUS-128 continued)

S	1763	TBA	WEB-WEB	J.Damato	9	Jan 25-Mar 19
	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	0865	09:00AM-12:20PM	F	E-227 M.Aubry		Mar 28-May 21
	Additional 3 instructional hours/week via Internet.					

**BUS-129 Payroll Accounting & Taxes 2.0**

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

8303	06:00PM-07:50PM	W	E-225	C.Obyrne
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**BUS-156 Principles of Management 3.0**

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

**BUS-176 Computerized Accounting Apps 2.0**

5096	06:00PM-06:50PM	M	E-212	D.Grant
	07:00PM-10:05PM	M	E-212	

**CADD TECHNOLOGY**

**CADD-115 Engineering Graphics 3.0**

Using AutoCAD 2016.

9150	01:00PM-01:50PM	TTH	F-601	C.Saghafi
	02:00PM-03:50PM	TTH	F-601	
5191	04:00PM-04:50PM	TTH	F-601	T.Walsh
	05:00PM-06:50PM	TTH	F-601	

**CADD-120 Intro to CAD and Design 3.0**

Using AutoCAD 2016.

Prerequisite: "C" grade or higher or "Pass" in CADD 115 or ENGR 100 or equivalent.

Recommended Preparation: Working knowledge of basic computer operations and file administration.

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

**CADD-129 Engineering Solid Modeling 3.0**

Using Creo. Parametric v. 3.0

Prerequisite: "C" grade or higher or "Pass" in CADD 115 or ENGR 100 or equivalent.

9939	07:00PM-07:50PM	MW	F-601	C.Saghafi
	08:00PM-09:50PM	MW	F-601	

Also listed as ENGR 129 #9945.

**CADD-131 Architectural CAD & Design 3.0**

Using Revit 2016.

Prerequisite: "C" grade or higher or "Pass" in CADD 120 or ENGR 119 or equivalent.

6697	07:00PM-07:50PM	TTH	F-601	F.Estrella
	08:00PM-09:50PM	TTH	F-601	

**CHILD DEVELOPMENT**

**CD-101 Parent Education 1.0**

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

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

Introductory practicum lab completed in the Child Development Center.

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

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cancelled sections, room changes, instructor changes, etc.)**

(CD-106 continued)

9416 TBA CCDC-CCDC J.Allen  
Email judith.allen@gcccd.edu before 1/26 to arrange 52.5 instructional hours for the semester. Note: Students must attend orientation on 1/21 from 5pm-6 in R111. A T.B. test is 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.

**CD-123 Programs-Curric Young Children 3.0**  
Corequisite: CD 106 or concurrent enrollment in a licensed child care program  
9417 TBA WEB-WEB L.Furry  
Online course; 52.5 total instructional hours. Email laurie.furry@gcccd.edu by 1/26 and finish online orientation by 2/2. All students wanting to enroll in CD 123 must have previous or concurrent enrollment in CD 106 OR bring a signed letter of verification from the administrator/director of a licensed child care program stating that they are employed or volunteer or will be employed or volunteering during the Spring 2016 semester. The verification should be submitted to Vanessa Saenz in the Admissions and Records Office.

**+# CD-125 Child Growth and Development 3.0**  
5116 TBA WEB-WEB M.Noakes  
Online course; 52.5 total instructional hours. Email madeline.noakes@gcccd.edu by 1/26 and complete the orientation by 2/2.  
5126 TBA WEB-WEB K.Kotowski  
Online course; 52.5 total instructional hours. Email kathy.kotowski@gcccd.edu by 1/26 and complete the orientation by 2/2.

S 5114 09:30AM-10:45AM MW R-111 K.Zink  
6768 09:30AM-12:20PM TH R-111 A.Hatfield  
6766 01:00PM-04:30PM MTWTHF R-111 A.Hatfield Jan 04-Jan 23

**CD-126 Art for Child Development 3.0**  
5117 08:00AM-09:15AM TTH 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.  
5118 04:00PM-05:15PM TTH R-111 A.Hatfield

**CD-128 Music & Movement for Child Dev 3.0**  
5119 04:00PM-05:15PM MW R-111 T.Hanna

**CD-129 Language & Literature for CD 3.0**  
Recommended Preparation: "C" grade or higher or "Pass" in CD 125 or equivalent.  
5120 09:30AM-12:20PM T R-111 K.Zink

**+# CD-131 Child, Family and Community 3.0**  
Recommended Preparation: "C" grade or higher or "Pass" in CD 123, 125 or equivalent.  
5121 TBA WEB-WEB M.Noakes  
Online course; 52.5 total instructional hours. Email madeline.noakes@gcccd.edu by 1/26 and complete the orientation by 2/2.  
0815 11:00AM-12:15PM MW R-111 K.Zink

**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.Zink

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cancelled sections, room changes, instructor changes, etc.)**

**CD-133 Field Exp: Student Teaching 2.0**  
Prerequisite: "C" grade or higher or "Pass" in CD 106, 123,  
125, 126, 127, 128, 129, 130, 131 or equivalent.  
Corequisite: CD 132  
8497 TBA J.Allen  
2 units=150 hours paid/120 hours unpaid work experience.

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

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

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

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

**CD-170 Practicum: Infants & Toddlers 2.0**  
Prerequisite: "C" grade or higher or "Pass" in CD 106, 123,  
124, 125, 126, 127, 128, 129, 143 or equivalent.  
Corequisite: CD 132 or previous enrollment.  
4638 TBA T.Hanna  
2 units=150 hours paid/120 hours unpaid work experience.

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

## CHEMISTRY

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

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

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

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(CHEM-141 continued)

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

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

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

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

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

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

**COMPUTER & INFORMATION SCIENCE**

**+ CIS-110 Principles Information Systems 4.0**

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

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

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

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

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

S	5141	01:00PM-05:30PM	T	E-210	G.Differding Feb 01-Apr 30
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Additional 4 instructional hours/week via Internet. Microsoft Office 2013 using Access, Excel. Articulates with IDS 180 at SDSU.

**CIS-120 Computer Maintenance A+ Cert 3.0**  
 Recommended Preparation: Basic computer skills (basic knowledge of hardware, operating systems, applications software).

S	5152	TBA	WEB-WEB	T.Phillips	Jan 25-Apr 23
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Online course; 87.5 total instructional hours. See [www.cuyamaca.edu/people/tim-phillips](http://www.cuyamaca.edu/people/tim-phillips) for orientation details.

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

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	<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	01:00PM-05:05PM	M	E-211	T.Phillips	Jan 25-Apr 23
	Additional 3 hours 35 minutes instructional time/week via the Internet. See <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 25-Apr 23
	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	G.Differding	
	Online course; 87.5 total instructional hours. See class Blackboard 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.					
S	7907	TBA	E-205		C.Sharon	Jan 25-Mar 19
	Mandatory NEW student orientation: TBA. Requires 48 instructional hours in the CISCO lab. Additional 4 hours, 35 minutes instructional time/week via Internet.					
	<b>CIS-202 Cisco Networking Academy II</b>					<b>3.0</b>
	Prerequisite: "C" grade or higher or "Pass" in CIS 201 (Fall 2013 or after) or completion of CCNA1 Version 5 at another Cisco Networking Academy, or explicit instructor permission.					
S	5167	TBA	E-205		L.Carver	Mar 28-May 21
	Mandatory NEW student orientation: TBA. Requires 48 instructional hours in the CISCO Lab. Additional 4 hours, 35 minutes instructional time/week via Internet.					
	<b>CIS-204 Cisco Networking Academy IV</b>					<b>3.0</b>
	Prerequisite: "C" grade or higher or "Pass" in CIS 203 (Fall 2013 or after) or completion of CCNA3 Version 5 at another Cisco Networking Academy, or explicit instructor permission.					
S	5169	TBA	E-205		C.Sharon	Mar 28-May 21
	Mandatory NEW student orientation: TBA. Requires 48 instructional hours in the CISCO Lab. Additional 4 hours, 35 minutes instructional time/week via Internet.					
	<b>CIS-209 Cisco Networking Academy IX</b>					<b>3.0</b>
	Prerequisite: "C" grade or higher or "Pass" in CIS 204 or equivalent or successful completion of the current version of CCNA1, 2, 3 and 4 at another Cisco Networking Academy or possess a current CCNA certification.					
	9158	TBA	E-205		R.Glauser	
	Mandatory NEW student orientation: TBA. Requires 48 instructional hours in the CISCO Lab. Additional 2 instructional hours/week via Internet.					
	<b>CIS-211 Web Development I</b>					<b>3.0</b>
	Recommended Preparation: Basic computer skills (ability to use Internet, word process documents, manage electronic files).					
	6810	TBA		WEB-WEB	J.Reed	
	Online course; 87.5 total instructional hours. See <a href="http://www.cuyamaca.edu/people/jodi-reed">http://www.cuyamaca.edu/people/jodi-reed</a> for orientation.					
	9015	09:30AM-12:20PM	T	E-204	J.Reed	
	Additional 2 instructional hours/week via Internet.					

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cancelled sections, room changes, instructor changes, etc.)**

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

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

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

**CIS-267 Directed Work Exp in CIS**  
Prerequisite: 12 units in CIS/CS courses related to field in which work experience is sought and current resume highlighting computer science or information system experience and course-related study.  
8849 TBA J.Reed  
Mandatory orientation; contact Jodi Reed at [jodi.reed@gcccd.edu](mailto:jodi.reed@gcccd.edu) or 619-660-4465.  
1 unit=75 hours paid/60 hours unpaid work experience. Instructor permission required to enroll.  
8850 TBA J.Reed  
Mandatory orientation; contact Jodi Reed at [jodi.reed@gcccd.edu](mailto:jodi.reed@gcccd.edu) or 619-660-4465.  
2 units=150 hours paid/120 hours unpaid work experience. Instructor permission required to enroll.  
8851 TBA J.Reed  
Mandatory orientation; contact Jodi Reed at [jodi.reed@gcccd.edu](mailto:jodi.reed@gcccd.edu) or 619-660-4465.  
3 units=225 hours paid/180 hours unpaid work experience. Instructor permission required to enroll.  
8853 TBA J.Reed  
Mandatory orientation; contact Jodi Reed at [jodi.reed@gcccd.edu](mailto:jodi.reed@gcccd.edu) or 619-660-4465.  
4 units = 300 hours paid/240 hours unpaid work experience. Instructor permission required to enroll.

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

**COMMUNICATION**

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

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

+ Satisfies Cal. State University General Education

# Satisfies Cuyamaca College General Education (includes Graduation Requirement)

S Denotes short-term class

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

(COMM-120 continued)

	5866	11:00AM-12:15PM	MW	B-253	N.Jennings	
	8247	01:00PM-03:50PM	W	B-253	N.Jennings	
	1752	03:00PM-05:50PM	TH	B-262	K.Corcoran	
	1137	06:30PM-09:20PM	W	B-253	C.Pearson	
<b>+#</b>	<b>COMM-122 Public Speaking</b>			<b>3.0</b>		
	5855	08:00AM-09:15AM	MW	B-262	N.Wier	
	5856	08:00AM-09:15AM	TTH	B-262	N.Wier	
S	8754	08:00AM-11:05AM	M		J.Ahumada	Feb 01-Jun 11
	Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room TBA. Contact instructor for enrollment information.					
S	8756	08:00AM-11:05AM	T		K.Corcoran	Feb 16-Jun 11
	Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room TBA. Contact instructor for enrollment information.					
S	8757	08:00AM-11:05AM	TH		R.Sarver	Feb 16-Jun 11
	Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room TBA. Contact instructor for enrollment information.					
	7273	09:00AM-12:05PM	F	B-262	S.Jarboe	
	6551	09:30AM-10:45AM	MW	B-262	N.Wier	
	1457	11:00AM-12:15PM	MW	B-262	N.Wier	
S	8755	11:30AM-12:30PM	M		S.Gallardo	Feb 01-Jun 11
		01:00PM-03:05PM	M			
	Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room TBA. Contact instructor for enrollment information.					
S	4683	12:30PM-04:00PM	MTWTHF	B-262	B.O'Donnell	Jan 04-Jan 23
	1138	01:30PM-02:45PM	TTH	B-262	B.Manning	
	8246	01:30PM-04:35PM	M	B-253	B.O'Donnell	
	8802	02:30PM-05:20PM	W	VHS-VHS	S.Gallardo	
	Meets at Valhalla High School, 1725 Hillside Road, El Cajon, room TBA. Contact instructor for enrollment information.					
	4704	03:00PM-05:50PM	T	B-262	K.Togerson	
	9449	06:30PM-09:20PM	T	B-253	C.Pearson	
	<b>COMM-123 Advanced Public Speaking</b>			<b>3.0</b>		
	Prerequisite: "C" grade or higher or "Pass" in COMM 122 or equivalent.					
	5859	11:00AM-12:15PM	TTH	B-253	N.Jennings	
<b>+#</b>	<b>COMM-124 Intercultural Communication</b>			<b>3.0</b>		
S	8244	09:30AM-12:35PM	TTH	B-262	N.Wier	Jan 25-Mar 19
S	8245	09:30AM-12:35PM	TTH	B-262	N.Wier	Mar 28-May 21
<b>+#</b>	<b>COMM-137 Critical Thinking Group Comm</b>			<b>3.0</b>		
	5858	09:30AM-10:45AM	MW	B-253	N.Jennings	
<b>+#</b>	<b>COMM-145 Argumentation</b>			<b>3.0</b>		
	8242	12:30PM-01:45PM	TTH	B-253	N.Jennings	

## COUNSELING

<b>+</b>	<b>COUN-120 College and Career Success</b>			<b>3.0</b>		
S	0881	TBA	WEB-WEB		C.Morrin	Jan 25-Mar 19
	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.					
	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 28-May 21
	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.					

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**S Denotes short-term class**



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cancelled sections, room changes, instructor changes, etc.)**

(COUN-120 continued)

S	4844	TBA	WEB-WEB	N.Keeley	Jan 25-Mar 19
	Online course; 52.5 total instructional hours.				
	0885	09:30AM-10:45AM	MW	E-229 P.Delys	
	See <a href="http://www.cuyamaca.edu/pauldelys">www.cuyamaca.edu/pauldelys</a> for information.				
	0884	09:30AM-10:45AM	TTH	E-225 G.Gomez	
S	8854	09:30AM-11:00AM	TTH	HHS-HHS A.Osborne	Jan 25-May 21
	Meets at Helix High School, 7323 University Avenue, La Mesa, CA, room TBA. Contact instructor for enrollment information. Spring break is March 21 through April 1.				
S	8855	09:30AM-11:00AM	WF	HHS-HHS A.Osborne	Jan 25-May 21
	Meets at Helix High School, 7323 University Avenue, La Mesa, CA, room TBA. Contact instructor for enrollment information. Spring break is March 21 through April 1.				
	0886	10:00AM-01:05PM	F	F-407 O.Leal	
	1308	11:00AM-12:15PM	MW	E-229 G.Gomez	
	1313	12:30PM-01:45PM	MW	E-227 R.Putrus	
S	5204	01:00PM-05:30PM	MTWTH	B-268 R.Jerjis	Jan 04-Jan 23
	8830	02:15PM-03:30PM	WTH	SHS-SHS O.Leal	
	Meets at Santana High School, 9915 N Magnolia Ave, Santee, CA, room TBA. Contact instructor for enrollment information.				
	8834	02:30PM-03:45PM	TTH	VHS-VHS V.Silva-Delgado	
	Meets at Valhalla High School, 1725 Hillside Rd, El Cajon, CA, room TBA. Contact instructor for enrollment information.				
	4993	04:00PM-06:50PM	T	B-268 A.Yassi	
	0887	06:00PM-09:05PM	M	A-112 R.Jerjis	
S	8905	02:50PM-04:20PM	MT	SCHS C.Cuz-Flores	Jan 25-May 21
	Meets at Steel Canyon High School 12440 Campo Road, Spring Valley CA room TBA. Contact instructor for enrollment information.				
<b>COUN-130 Study Skills &amp; Time Management 1.0</b>					
S	4843	12:30PM-02:35PM	TH	A-112 B. Williams	Jan 25-Mar 19
<b>+ COUN-140 Self Awareness &amp; Interpersonal 3.0</b>					
S	0889	05:00PM-08:30PM	W	A-112 R.Jerjis	Feb 08-May 21
<b>COUN-150 Transfer Success 1.0</b>					
S	8511	09:00AM-12:15PM	F	F-513 A.Blyumin	Mar 07-Apr 16
S	8513	09:00AM-12:15PM	F	F-513 A.Blyumin	Apr 18-May 21
	8485	10:00AM-10:55AM	F	E-229 R.Carino Diokno	
	This course is part of the First Year Experience program. For enrollment information contact the instructor.				
	8487	10:00AM-10:55AM	F	E-225 A.GuarachaJr	
	This course is part of the First Year Experience program. For enrollment information contact the instructor.				
	8488	10:00AM-10:55AM	F	F-405 J.Guerrero	
	This course is part of the First Year Experience program. For enrollment information contact the instructor.				
	8492	10:00AM-10:55AM	F	E-223 V.Silva-Delgado	
	This course is part of the First Year Experience program. For enrollment information contact the instructor.				
S	8490	12:00PM-03:15PM	W	A-112 A.Blyumin	Apr 18-May 21

## COMPUTER SCIENCE

### CS-119 Program Design & Development 3.0

Corequisite: CS 119L

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

9591 06:30PM-08:00PM T E-210 J.Gerstenberg

Additional 1 hour 20 minutes instructional time/week via Internet. Requires concurrent enrollment in CS 119L #9592.

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

Corequisite: CS 119

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

9592 08:20PM-09:50PM T E-210 J.Gerstenberg

Additional 1 hour 20 minutes instructional time/week via Internet. Requires concurrent enrollment in CS 119 #9591.

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

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

8351 TBA WEB-WEB A.Antwan

Online course; 105 total instructional hours. Email

azhar.antwan@gcccd.edu by 1/25.

8914 TBA WEB-WEB A.Antwan/J.Gerstenberg

Online course; 105 total instructional hours.

**CS-182 Intro to Java Programming 4.0**

Using NetBeans 6.x

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

Recommended Preparation: "C" grade or higher or "Pass" in CS 119 or equivalent or experience programming in C++ or Java.

9611 06:00PM-09:50PM M E-210 T.Volkman

Additional 2 instructional hours/week via Internet.

**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-210 J.Sanchez

Additional 2 instructional hours/week via Internet.

## ECONOMICS

**+# ECON-110 Economic Issues and Policies 3.0**

5215 08:00AM-09:15AM TTH E-223 D.Fitch

**+# ECON-120 Principles of Macroeconomics 3.0**

ECON 120, 121 may be taken in any order or simultaneously.

Prerequisite: "C" grade or higher or "Pass" in MATH 103 or 110 or equivalent (MATH 110 is recommended for Business majors).

9356 TBA WEB-WEB M.Aubry

Online course; 52.5 total instructional hours. Email

michael.aubry@gcccd.edu prior to class starting.

S 8322 TBA WEB-WEB T.Irani Mar 28-May 21

Online course; 52.5 total instructional hours. MACS are not supported.

9355 08:00AM-09:15AM MW E-223 M.Aubry

**+# ECON-121 Principles of Microeconomics 3.0**

ECON 120, 121 may be taken in any order or simultaneously.

Prerequisite: "C" grade or higher or "Pass" in MATH 103 or 110 or equivalent (MATH 110 is recommended for Business majors).

9361 TBA WEB-WEB T.Irani

Online course; 52.5 total instructional hours. Macs are not supported.

1161 08:00AM-09:40AM T E-229 M.Aubry

Additional 1 hour, 10 minutes instructional time/week via

Internet. Email michael.aubry@gcccd.edu prior to class starting.

9359 07:00PM-09:50PM TH E-227 A.Zambelli

## EDUCATION

**ED-151 Effective Tutoring Strategies 1.0**

Pass/No Pass only.

S 7399 10:00AM-12:35PM F B-365 M.Graham Mar 28-May 07

For enrollment information contact Mary.Graham@gcccd.edu.

## ENVIRONMENTAL HEALTH/SAFETY

**EHSM-100 Environmental & OSH Tech 4.0**

Overview of hazardous materials/waste management and occupational health and safety.

8937 06:00PM-10:05PM M F-608 T.Evans

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**EHSM-130 Health Effects Hazardous Mat 3.0**

8362 06:00PM-08:50PM T E-225 G.Couture

**EHSM-200 Hazardous Materials Mgmt Apps 4.0**

Recommended Preparation: "C" grade or higher or "Pass" in EHSM 100 or equivalent or concurrent enrollment.

8363 06:00PM-09:50PM W F-608 D.Ivester

**EHSM-210 Wastewater & Stormwater Mgmt 4.0**

Prerequisite: "C" grade or higher or "Pass" in EHSM 100 or equivalent or concurrent enrollment.

8365 06:00PM-09:50PM TH F-724 R.Vasquez

**EHSM-240 Cooperative Work Experience**

Application of classroom experience in industry. For orientation details call 619-660-4296.

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

8943 TBA D.Ivester

1 unit=75 hours paid/60 hours unpaid work experience.

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-090 Basic English Skills 3.0**

Pass/No Pass only.

Recommended Preparation: Placement based on assessment.

5269 07:30AM-09:20AM M B-269 T.Jabour

07:30AM-08:20AM W B-269

08:30AM-09:20AM W B-268

Students must be concurrently enrolled in ENGL 090R #5753

5268 12:00PM-01:50PM T B-269 C.Boeck

12:00PM-12:50PM TH B-269

01:00PM-01:50PM TH B-268

Students must be concurrently enrolled in ENGL 090R #5750

**ENGL-090R Reading Skills Development 3.0**

Pass/No Pass only.

Recommended Preparation: Placement based on assessment; recommend concurrent enrollment in ENGL 090.

5753 09:30AM-11:20AM M B-171 K.McGregor

09:30AM-10:20AM W B-171

10:30AM-11:20AM W B-270

Students must be concurrently enrolled in ENGL 090 #5269

5750 09:30AM-11:20AM T B-172 K.McGregor

09:30AM-10:20AM TH B-172

10:30AM-11:20AM TH B-172

Students must be concurrently enrolled in ENGL 090 #5268

**ENGL-098 English Fundamentals 4.0**

Emphasis on learning basic sentence patterns and composing paragraphs.

Prerequisite: Grade of "Pass" in ENGL 090, 090R or equivalent or assessment.

9418 08:00AM-12:05PM F B-171 K.McGregor

9422 01:30PM-03:20PM MW B-269 T.Pagaard

Students must be concurrently enrolled in ENGL 098R #5775.

Veterans please note: this course may not count as units towards housing allowance. Please see a counselor for more information.

9419 06:00PM-09:50PM W B-172 T.Pagaard

**ENGL-098R Reading Fundamentals 3.0**

Beginning reading class teaching vocabulary and reading strategies.

Prerequisite: Grade of "Pass" in ENGL 090, 090R or equivalent or assessment.

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(ENGL-098R continued)

Recommended Preparation: Strongly recommend concurrent enrollment in ENGL 098.

5775	01:30PM-02:20PM	T	B-171	M.Bucky
	02:30PM-03:20PM	T	B-171	
	01:30PM-03:20PM	TH	B-171	

Students must be concurrently enrolled in ENGL 098 #9422.

Veterans please note: this course may not count as units towards housing allowance. Please see a counselor for more information.

**ENGL-099 Accelerated Prep Comp&Reading 6.0**

Prerequisite: Grade of "Pass" in ENGL 090, 090R or equivalent or assessment.

6566	07:30AM-09:20AM	MW	B-171	C.Charter
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Additional 2 instructional hours/week via Internet.

0826	08:30AM-11:20AM	TTH	B-271	L.Brazil
0822	10:30AM-01:20PM	MW	B-269	L.Brazil
8255	11:30AM-02:20PM	TTH	F-405	K.McGregor

**ENGL-109 Composition for College 4.0**

Prerequisite: "C" grade or higher or "Pass" in ENGL 098 or ESL 106 or equivalent or assessment.

9219	TBA	WEB-WEB		K.Nelson
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Online course; 70 total instructional hours. Familiarity with computers required; high speed Internet recommended. Students need to contact the instructor by 1/25 at or risk being dropped.

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

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

Students must be concurrently enrolled in ENGL 120 #5316.

Students who receive a grade of "C" or higher or "pass" will advance to ENGL 120. Students who receive a grade below "C" will be dropped from the second eight week course.

9213	09:30AM-11:20AM	MW	B-271	T.Jabour
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Students must be concurrently enrolled in ENGL 110R #5784. Veterans please note: this course may not count as units towards housing allowance. Please see a counselor for more information.

9209	09:30AM-12:20PM	F	B-360	C.Cox
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Additional 1 instructional hour/week via Internet.

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

**ENGL-110R Principles of College Reading 3.0**

Prerequisite: "C" grade or higher or "Pass" in ENGL 098 or equivalent or assessment.

Recommended Preparation: Concurrent enrollment in ENGL 109.

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

Students must be concurrently enrolled in ENGL 109 #9213.

Veterans please note: this course may not count as units towards housing allowance. Please see a counselor for more information.

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

Traditional freshman composition course.

Prerequisite: "C" grade or higher or "Pass" in ENGL 099 or 109 or ESL 119 or 120 or equivalent or assessment.

6568	TBA	WEB-WEB		B.Kuhn
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Online course; 70 total instructional hours. Familiarity with computers required; high speed internet recommended. Failure to email brianna.kuhn@gcccd.edu by 1/25 may result in being dropped. Traditional freshman composition course.

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

(ENGL-120 continued)

	9127	TBA	WEB-WEB	T.Larson	
	Online course; 70 total instructional hours. Familiarity with computers required; high speed Internet recommended. Failure to email the instructor trina.larsen@gcccd.edu by 1/25 may result in being dropped. Traditional freshman composition course.				
	8259	TBA	WEB-WEB	B.Kuhn	
	Online course; 70 total instructional hours. Familiarity with computers required; high speed internet recommended. Failure to email brianna.kuhn@gcccd.edu by 1/25 may result in being dropped. Traditional freshman composition course.				
S	5316	07:00AM-08:50AM	MW	B-360	A.Lapointe Mar 28-May 21
		07:00AM-07:50AM	TTH	B-360	
		08:00AM-08:50AM	TTH	B-268	
	Students must be concurrently enrolled in ENGL 109 #9211. Students who receive a grade of "C" or higher or "pass" in ENGL 109 will advance to ENGL 120. Students who receive a grade below "C" will be dropped from the second eight week course.				
	6567	07:30AM-09:20AM	M	B-271	R.Stafford
		07:30AM-08:20AM	W	B-271	
		08:30AM-09:20AM	W	B-270	
S	5302	07:30AM-10:35AM	TTH	K-122	C.Boeck Jan 25-Mar 19
		10:45AM-11:35AM	TTH	B-268	
	Ford Asset class; open to all students.				
	1144	08:00AM-11:05AM	F	B-269	M.Hatay-Ferens
		11:15AM-12:05PM	F	B-268	
	5298	09:30AM-11:20AM	M	F-411	R.Stafford
		09:30AM-10:20AM	W	F-411	
		10:30AM-11:20AM	W	B-268	
	4722	09:30AM-11:20AM	T	B-360	C.Cox
		09:30AM-10:20AM	TH	B-268	
		10:30AM-11:20AM	TH	B-360	
	5297	11:30AM-12:20PM	T	B-172	C.Cox
		12:30PM-01:20PM	T	B-270	
		11:30AM-01:20PM	TH	B-172	
	9456	11:30AM-01:20PM	M	B-360	J.Hall
		11:30AM-12:20PM	W	B-360	
		12:30PM-01:20PM	W	B-270	
	Student must be concurrently enrolled in PSY 120 #8683.				
	5289	01:30PM-02:20PM	T	B-365	A.Wade
		02:30PM-03:20PM	T	B-270	
		01:30PM-03:20PM	TH	B-365	
	5301	02:00PM-03:50PM	M	B-360	A.Oclancy
		02:00PM-02:50PM	W	B-270	
		03:00PM-03:50PM	W	B-360	
	7145	03:30PM-05:20PM	M	B-269	R.Bacchia
		03:30PM-04:20PM	W	B-269	
		04:30PM-05:20PM	W	B-268	
	9457	03:30PM-05:20PM	T	B-360	A.Wade
		03:30PM-04:20PM	TH	B-360	
		04:30PM-05:20PM	TH	B-268	
	5259	06:00PM-07:50PM	T	B-360	R.Montana
		06:00PM-06:50PM	TH	B-360	
		07:00PM-07:50PM	TH	B-270	
	7138	06:00PM-08:50PM	W	B-271	B.Progar
		09:00PM-09:50PM	W	B-270	

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

Introduces poetry, fiction, drama, and nonfiction from a diversity of sources.  
Prerequisite: "C" grade or higher or "Pass" in ENGL 120 or equivalent.

	0827	TBA	WEB-WEB	K.Bailey	
	Online course; 52.5 total instructional hours. Familiarity with computers required, high speed Internet recommended. Failure to email kim.bailey@gcccd.edu by 1/25 may result in being dropped.				
	6987	09:30AM-10:45AM	MW	B-365	J.Hall
	5312	12:00PM-01:15PM	TTH	B-271	R.Adams

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**+ ENGL-124 Advanced Composition 3.0**  
Prerequisite: "C" grade or higher or "Pass" in ENGL 120 or equivalent.  
5364 TBA WEB-WEB T.Adlparvar  
Online course; 70 total instructional hours. Familiarity with computers required, high speed internet recommended. Failure to email tina.adlparvar@gcccd.edu by 1/25 may result in being dropped.  
6572 TBA WEB-WEB T.Adlparvar  
Online course; 70 total instructional hours. Familiarity with computers required, high speed internet recommended. Failure to email tina.adlparvar@gcccd.edu by 1/25 may result in being dropped.

**S 8260 TBA WEB-WEB C.Zeller Jan 25-Mar 19**  
Online course; 70 total instructional hours. Familiarity with computers required, high speed internet recommended. Failure to email carly.zeller@gcccd.edu by 1/25 may result in being dropped.

**8903 TBA WEB-WEB C.Luna**  
Online course; 70 total instructional hours. Familiarity with computers required, high speed internet recommended. Failure to email cynthia.luna@gcccd.edu by 1/25 may result in being dropped.

5363	07:30AM-09:20AM	M	B-365	R.Montana
	07:30AM-08:20AM	W	B-270	
	08:30AM-09:20AM	W	B-365	
8790	07:30AM-09:20AM	T	B-171	T.Jabour
	07:30AM-08:20AM	TH	B-171	
	08:30AM-09:20AM	TH	B-270	
5324	09:30AM-10:20AM	T	B-269	K.Wolfe
	10:30AM-11:20AM	T	B-270	
	09:30AM-11:20AM	TH	B-269	
5323	11:30AM-12:20PM	M	B-365	C.Charter
	12:30PM-01:20PM	M	B-268	
	11:30AM-01:20PM	W	B-365	
4723	11:30AM-01:20PM	T	B-360	K.Wolfe
	11:30AM-12:20PM	TH	B-360	
	12:30PM-01:20PM	TH	B-270	
5325	06:00PM-08:50PM	T	B-271	S.Martin
	09:00PM-09:50PM	T	B-270	

**ENGL-126 Creative Writing 3.0**  
Prerequisite: "C" grade or higher or "Pass" in ENGL 109 or equivalent or assessment into ENGL 120.  
6523 09:30AM-10:45AM TTH B-365 K.Allen

**+# ENGL-232 American 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.  
8261 11:00AM-12:15PM MW B-258 M.Hatay-Ferens

**ENGINEERING**

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

5246	02:00PM-04:50PM	T	F-301	D.McGehee
	02:00PM-04:50PM	TH	F-301	
5247	06:00PM-08:50PM	T	F-301	D.McGehee
	06:00PM-08:50PM	TH	F-301	

**ENGR-119 Basic Engineering CAD 3.0**  
Using AutoCAD 2015.  
Prerequisite: "C" grade or higher or "Pass" in CADD 115 or ENGR 100 or equivalent.  
Recommended Preparation: Working knowledge of basic computer operations and file administration.  
5251 04:00PM-04:50PM MW F-601 C.Saghafi  
05:00PM-06:50PM MW F-601

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**ENGR-120 Engineering Computer Apps 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in MATH 180 or equivalent or concurrent enrollment.  
 5255 06:00PM-06:50PM TTH E-212 R.Furry  
 07:00PM-08:15PM TTH E-212

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

**ENGR-175 Microcontroller & Robotics 3.0**  
 8357 08:00AM-09:50AM S F-301 D.McGehee  
 10:00AM-01:05PM S F-301

**ENGR-210 Electric Circuits 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in MATH 280, PHYC 200 or equivalent.  
 5256 04:15PM-05:30PM MW F-408 R.Christiansen  
 05:50PM-08:40PM M F-301  
 8360 04:15PM-05:30PM MW F-408 R.Christiansen  
 05:50PM-08:40PM W F-301

**ENGR-218 Plane Surveying 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in MATH 170 or equivalent or concurrent enrollment.  
 5257 08:00AM-09:50AM S F-724 D.Woolley  
 10:00AM-01:05PM S F-724  
 01:35PM-04:25PM S F-724  
 Also listed as SURV 218 #5868.

**ENGR-220 Engineering Mechanics-Dynamics 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in ENGR 200 or equivalent.  
 S 5258 02:30PM-03:55PM MW F-301 A.LehmanJan 25-May 21 Jan 25-May 21

**EXERCISE SCIENCE**

# **ES-001 Adapted Physical Exercise 1.0**  
 9482 09:30AM-10:20AM T D-203 L.Hollands  
 09:30AM-10:20AM TH 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

# **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

# **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  
 09:20AM-10:20AM W D-205  
 8524 09:30AM-10:20AM T D-205 S.Nordquist  
 09:30AM-10:20AM TH D-205

# **ES-010 Cardio Fitness and Nutrition 1.0**  
 Pass/No Pass only.  
 8212 11:00AM-11:50AM MWF D-203 L.Dillard  
 Emphasizes nutrition and cardiovascular exercise.

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cancelled sections, room changes, instructor changes, etc.)**

(ES-010 continued)

	8215	02:00PM-03:15PM	TTH	D-203	J.Tomaschke
	Emphasizes nutrition and cardiovascular exercise.				
<b>#</b>	<b>ES-011 Circuit Training</b>			<b>1.0</b>	
	Pass/No Pass only.				
	8218	11:00AM-12:15PM	TTH	D-203	L.Dillard
	Emphasizes circuit training. Fitness Center courses have activity and academic requirements.				
	8220	02:00PM-02:50PM	MWF	D-203	J.Tomaschke
	Emphasizes circuit training. Fitness Center courses have activity and academic requirements.				
<b>#</b>	<b>ES-012 Sports Conditioning</b>			<b>1.0</b>	
	Pass/No Pass only.				
	8222	09:30AM-10:45AM	TTH	D-401	J.Tomaschke
	Emphasizes sports conditioning.				
<b>#</b>	<b>ES-014A Beginning Body Building</b>			<b>1.5</b>	
	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	
<b>#</b>	<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>#</b>	<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>+ #</b>	<b>ES-019A Beginning Physical Fitness</b>			<b>1.5</b>	
	6937	01:00PM-01:50PM	MW	D-205	J.Tomaschke
		01:00PM-01:50PM	TH	D-205	
<b>+ #</b>	<b>ES-019B Intermediate Physical Fitness</b>			<b>1.5</b>	
	Recommended Preparation: "C" grade or higher or "Pass" in ES 019A or equivalent.				
	6938	01:00PM-01:50PM	MW	D-205	J.Tomaschke
		01:00PM-01:50PM	TH	D-205	
<b>+ #</b>	<b>ES-019C Advanced Physical Fitness</b>			<b>1.5</b>	
	Recommended Preparation: "C" grade or higher or "Pass" in ES 019B or equivalent.				
	6939	01:00PM-01:50PM	MW	D-205	J.Tomaschke
		01:00PM-01:50PM	TH	D-205	
<b>#</b>	<b>ES-060A Beginning Badminton</b>			<b>1.0</b>	
	9484	06:00PM-07:00PM	M	D-100	D.Magnuson
		07:05PM-08:05PM	M	D-100	
<b>#</b>	<b>ES-060B Intermediate Badminton</b>			<b>1.0</b>	
	Emphasis on stroke analysis, strategy, match play.				
	Recommended Preparation: "C" grade or higher or "Pass" in ES 060A or equivalent.				
	9485	06:00PM-07:00PM	M	D-100	D.Magnuson
		07:05PM-08:05PM	M	D-100	
<b>#</b>	<b>ES-060C Advanced Badminton</b>			<b>1.0</b>	
	Recommended Preparation: "C" grade or higher or "Pass" in ES 060B or equivalent.				

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cancelled sections, room changes, instructor changes, etc.)**

(ES-060C continued)

	9486	06:00PM-07:00PM 07:05PM-08:05PM	M M	D-100 D-100	D.Magnuson
#	<b>ES-076A Beginning Tennis</b>		<b>1.0</b>		
	Fundamentals of the official singles/doubles game.				
	9487	07:50AM-08:50AM 08:55AM-09:55AM	F F	TC-TC TC-TC	P.Farmer
#	<b>ES-076B Intermediate Tennis</b>		<b>1.0</b>		
	Emphasis on stroke analysis, strategy, match play. Recommended Preparation: "C" grade or higher or "Pass" in ES 076A or equivalent.				
	9489	07:50AM-08:50AM 08:55AM-09:55AM	F F	TC-TC TC-TC	P.Farmer
#	<b>ES-076C Advanced Tennis</b>		<b>1.0</b>		
	Emphasis on advanced technique, strategy, match play. Recommended Preparation: "C" grade or higher or "Pass" in ES 076B or equivalent.				
	9490	07:50AM-08:50AM 08:55AM-09:55AM	F F	TC-TC TC-TC	P.Farmer
#	<b>ES-155A Beginning Basketball</b>		<b>1.0</b>		
	Introduction to basic skills in basketball.				
	9520	08:45AM-09:45AM 09:50AM-10:50AM	F F	D-100 D-100	R.Wojtkowski
	9523	07:00PM-07:50PM 08:00PM-08:50PM	TH TH	D-100 D-100	R.Wojtkowski
#	<b>ES-155B Intermediate Basketball</b>		<b>1.0</b>		
	Intermediate skill level; defensive/offensive tactics and team play. Recommended Preparation: "C" grade or higher or "Pass" in ES 155A or equivalent.				
	9521	08:45AM-09:45AM 09:50AM-10:50AM	F F	D-100 D-100	R.Wojtkowski
	9524	07:00PM-07:50PM 08:00PM-08:50PM	TH TH	D-100 D-100	R.Wojtkowski
#	<b>ES-155C Advanced Basketball</b>		<b>1.0</b>		
	Emphasis on advanced level skills, tactics, strategy. Recommended Preparation: "C" grade or higher or "Pass" in ES 155B or equivalent.				
	9522	08:45AM-09:45AM 09:50AM-10:50AM	F F	D-100 D-100	R.Wojtkowski
	9525	07:00PM-07:50PM 08:00PM-08:50PM	TH TH	D-100 D-100	R.Wojtkowski
#	<b>ES-170A Beginning Soccer</b>		<b>1.0</b>		
	Basic soccer strategy; emphasis on individual skills and team play.				
	6904	10:00AM-11:00AM 11:10AM-12:10PM	F F	TRK-TRK TRK-TRK	B.Hiatt-Aleu
	1766	10:00AM-11:00AM 11:05AM-12:05PM	S S	FLDM-FLDM FLDM-FLDM	S.McNary
#	<b>ES-170B Intermediate Soccer</b>		<b>1.0</b>		
	Intermediate skills, techniques and team strategy. Recommended Preparation: "C" grade or higher or "Pass" in ES 170A or equivalent.				
	6905	10:00AM-11:00AM 11:10AM-12:10PM	F F	TRK-TRK TRK-TRK	B.Hiatt-Aleu
	1767	10:00AM-11:00AM 11:05AM-12:05PM	S S	FLDM-FLDM FLDM-FLDM	S.McNary
#	<b>ES-170C Advanced Soccer</b>		<b>1.0</b>		
	Advanced soccer skills and team play. Recommended Preparation: "C" grade or higher or "Pass" in ES 170B or equivalent.				

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(ES-170C continued)

	6906	10:00AM-11:00AM	F	TRK-TRK	B.Hiatt-Aleu	
		11:10AM-12:10PM	F	TRK-TRK		
	1768	10:00AM-11:00AM	S	FLDM-FLDM	S.McNary	
		11:05AM-12:05PM	S	FLDM-FLDM		
<b>#</b>	<b>ES-171A Beginning Softball</b>				<b>1.0</b>	
	Basic fundamentals of offensive/defensive strategies, safety.					
	9526	11:00AM-12:00PM	F	FLDM-FLDM	R.Wojtkowski	
		12:05PM-01:05PM	F	FLDM-FLDM		
<b>#</b>	<b>ES-171B Intermediate Softball</b>				<b>1.0</b>	
	Intermediate individual skill development, game strategy.					
	Recommended Preparation: "C" grade or higher or "Pass" in ES 171A or equivalent.					
	9527	11:00AM-12:00PM	F	FLDM-FLDM	R.Wojtkowski	
		12:05PM-01:05PM	F	FLDM-FLDM		
<b>#</b>	<b>ES-171C Advanced Softball</b>				<b>1.0</b>	
	Advanced skills and strategy.					
	Recommended Preparation: "C" grade or higher or "Pass" in ES 171B or equivalent.					
	9528	11:00AM-12:00PM	F	FLDM-FLDM	R.Wojtkowski	
		12:05PM-01:05PM	F	FLDM-FLDM		
<b>#</b>	<b>ES-175A Beginning Volleyball</b>				<b>1.0</b>	
	Individual skills and team strategy.					
	9529	06:00PM-06:50PM	T	D-100	D.Regas	
		07:00PM-07:50PM	T	D-100		
<b>#</b>	<b>ES-175B Intermediate Volleyball</b>				<b>1.0</b>	
	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		
<b>#</b>	<b>ES-175C Advanced Volleyball</b>				<b>1.0</b>	
	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		
	<b>ES-206 Intercollegiate Basketball</b>				<b>2.0</b>	
	\$17.50 insurance fee due at registration.					
	Prerequisite: Tryout					
<b>S</b>	8233	02:00PM-03:25PM	MTWTHF	D-100	R.Wojtkowski	Dec 28-Mar 12
		03:30PM-04:55PM	MTWTHF	D-100		
	Team competition in men's basketball. Class meets these State/Federal Holidays: 1/18, 2/12, 2/15					
	<b>ES-213 Intercollegiate Golf</b>				<b>2.0</b>	
	\$17.50 insurance fee due at registration.					
	Prerequisite: Tryout					
	9366	11:00AM-03:50PM	M	SYCN-SYCN	J.Klein	
		11:00AM-03:50PM	W	SYCN-SYCN		
	Team competition in men's golf. Meets at Sycuan Golf Resort, 3007 Dehesa Road, El Cajon. Students must bring their own golf clubs.					
	<b>ES-224 Intercollegiate Tennis</b>				<b>2.0</b>	
	\$17.50 insurance fee due at registration.					
	Prerequisite: Tryout					
	9367	02:00PM-02:50PM	MW	TC-TC	P.Farmer	
		03:00PM-03:50PM	MW	TC-TC		
		01:30PM-02:45PM	TTH	TC-TC		
		02:55PM-04:10PM	TTH	TC-TC		
	Team competition in women's tennis.					

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<b>ES-227 Intercollegiate Track 2.0</b>						
\$17.50 insurance fee due at registration.						
Prerequisite: Tryout						
	9368	02:30PM-03:20PM	MTWTHF	TRK-TRK	T.Seaman	
		03:30PM-04:20PM	MTWTHF	TRK-TRK		
Team competition in women's track.						
	9369	02:30PM-03:20PM	MTWTHF	TRK-TRK	P.Thiss	
		03:30PM-04:20PM	MTWTHF	TRK-TRK	J.Tomaschke	
Team competition in men's track.						
<b>ES-248 Conditioning for Athletes 1.0</b>						
\$17.50 insurance fee due at registration.						
Prerequisite: Recommendation of Intercollegiate Coach						
S	6675	12:00PM-02:15PM	MW	SYCN-SYCN	J.Klein	Jan 04-Jan 23
		02:20PM-04:35PM	MW	SYCN-SYCN		
		01:05PM-02:30PM	T	SYCN-SYCN		
		02:35PM-04:00PM	T	SYCN-SYCN		
For Intercollegiate Golf. Meets at Sycuan Golf Resort, 3007 Dehesa Road, El Cajon. Students must bring their own golf clubs.						
S	4895	02:30PM-03:35PM	MTWTHF	TRK-TRK	T.Seaman	Jan 04-Jan 23
		03:40PM-04:45PM	MTWTHF	TRK-TRK		
Designed for the 2015 Track & Field Team Athletes.						
S	4583	04:00PM-04:50PM	WTH	D-100	R.Wojtkowski	Mar 14-May 21
		05:00PM-05:50PM	WTH	D-100		
Designed for the 2015 Men's Basketball Team.						
<b>ES-249 Comp for Intercoll Athletes 2.0</b>						
\$17.50 insurance fee due at registration.						
Prerequisite: Recommendation of Intercollegiate Coach						
	4595	12:30PM-01:45PM	MW	FLDM-FLDM	P.Thiss/B.Hiatt-Aleu	
		02:00PM-03:15PM	MW	FLDM-FLDM		
		02:00PM-02:50PM	TTH	FLDM-FLDM		
		12:15PM-02:15PM	F	FLDM-FLDM		
Soccer Competencies for Intercollegiate Athletes.						
	8725	04:00PM-07:15PM	M	D-100	K.Pratte	
		04:00PM-07:15PM	T	D-100		
		04:00PM-05:15PM	TH	VBC-VBC		
		05:25PM-06:40PM	TH	VBC-VBC		
Volleyball Competencies for Intercollegiate Athletes.						
Thursday class will be held off campus at the Grossmont College Sand Courts, 8800 Grossmont College Drive, El Cajon, CA.						
<b>ES-250 Introduction to Kinesiology 3.0</b>						
	9913	TBA	WEB-WEB		P.Farmer	
Online course; 52.5 total instructional hours.						
S	8226	TBA	WEB-WEB		P.Thiss	Feb 08-Mar 19
Online course; 52.5 total instructional hours.						
S	8868	07:30AM-09:00AM	TTH		J.Tomaschke	Jan 25-May 21
Meets at Steele Canyon High School, 12440 Campo Road, Spring Valley, CA, room TBA. Contact instructor for enrollment information. Spring break is March 21 through April 1.						
<b>ES-255 Care/Prevent Athletic Injuries 3.0</b>						
	5716	06:00PM-08:50PM	W	F-621	L.Buttles	
		09:00PM-09:50PM	W	F-621		
<b>ES-270 Cooperative Games 1.0</b>						
S	5744	06:00PM-10:10PM	W	D-100	R.Wojtkowski	Mar 28-Apr 23
<b>ES-271 Fitness Walking w/Children 1.0</b>						
S	8227	01:00PM-03:10PM	TTH	F-621	K.Kotowski	Jan 04-Jan 16
Additional 4 instructional hours/week via Internet.						
<b>ES-272 Issues in Childhood Obesity 1.0</b>						
S	5745	TBA	WEB-WEB		K.Kotowski	Jan 04-Jan 23
Online course; 17.5 total instructional hours. Email kathy.kotowski@gcccd.edu.						

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## ENGLISH AS A SECOND LANGUAGE

### **ESL-070 ESL I: Intro to ESL Literacy 6.0**

Pass/No Pass only.

Corequisite: ESL 071

8825	09:00AM-11:50AM	TTH	F-716	F.Ajo
8289	09:30AM-11:20AM	MWF	L-101	P.Daley
8290	11:30AM-01:20PM	TTHF	L-102	B.Dizaiy
8300	04:00PM-06:50PM	MW	F-407	A.Sharghi

### **ESL-071 ESL I: Intro to ESL Comm 6.0**

Pass/No Pass only.

Corequisite: ESL 070

8826	09:00AM-11:50AM	MW	E-227	R.Aoneh
8294	09:30AM-11:20AM	TTHF	L-102	R.Elmalt
8292	11:30AM-01:20PM	MWF	L-101	A.Okeke
8301	04:00PM-06:50PM	TTH	F-407	H.Dalali

### **ESL-080 ESL II: ESL Literacy 6.0**

Pass/No Pass only.

Prerequisite: Grade of "Pass" in ESL 070, 071 or equivalent or assessment.

Corequisite: ESL 081

6423	09:30AM-11:20AM	MWF	F-401	C.Pettersen
6414	12:30PM-03:20PM	TTH	F-401	B.Stern
6425	05:00PM-07:50PM	MW	F-401	J.Krizovensky

### **ESL-081 ESL II: ESL Communication 6.0**

Pass/No Pass only.

Prerequisite: Grade of "Pass" in ESL 070, 071 or equivalent or assessment.

Corequisite: ESL 080

9228	09:30AM-12:20PM	TTH	F-401	M.Mancillas-Gomez
9227	11:30AM-01:20PM	MWF	F-401	M.Mancillas-Gomez
9230	05:00PM-07:50PM	TTH	F-401	A.Jamal

### **ESL-096 English as Second Language I 5.0**

Pass/No Pass only. Basic reading, sentence writing and grammar.

Prerequisite: Grade of "Pass" in ESL 080, 081 or equivalent or assessment.

5333	09:30AM-12:20PM	M	F-407	V.Neylon
	09:30AM-11:20AM	W	F-407	
	11:30AM-12:20PM	W	B-270	
9633	09:30AM-12:20PM	W	F-607	G.Tufekci Corte
	09:30AM-10:20AM	F	B-270	
	10:30AM-12:20PM	F	F-607	
5334	11:00AM-01:50PM	T	B-159	K.Staff
	11:00AM-12:50PM	TH	B-159	
	01:00PM-01:50PM	TH	B-154	
6585	02:00PM-04:50PM	T	B-159	K.Oberlander
	02:00PM-03:50PM	TH	B-159	
	04:00PM-04:50PM	TH	B-154	
5335	06:30PM-09:20PM	M	B-159	S.Lange-Velazquez
	06:30PM-08:20PM	W	B-159	
	08:30PM-09:20PM	W	B-154	

### **ESL-096L Listening and Speaking III 3.0**

Pass/No Pass only.

Prerequisite: Grade of "Pass" in ESL 080, 081 or equivalent or assessment into ESL 096.

6280	08:00AM-09:15AM	TTH	F-401	B.Stern
6283	08:00AM-09:15AM	WF	F-607	G.Tufekci Corte
6281	12:30PM-01:45PM	MW	F-413	H.Dalali
8298	12:30PM-01:45PM	TTH	F-413	A.Colls
6282	05:00PM-06:15PM	MW	B-159	S.Lange-Velazquez

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**ESL-096R Reading & Vocabulary Dev III 3.0**

Pass/No Pass only.

Prerequisite: Grade of "Pass" in ESL 080, 081 or equivalent or assessment into ESL 096.

4728	08:00AM-09:15AM	MW	B-258	J.Tesar
4732	09:30AM-10:45AM	TTH	B-159	K.Staff
4734	12:30PM-01:45PM	WF	B-159	C.Corte
4733	05:00PM-06:15PM	TTH	B-159	J.Graboi

**ESL-100 English as Second Language IV 5.0**

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

6594	09:30AM-12:20PM	T	F-407	L.Woods
	09:30AM-11:20AM	TH	F-407	
	11:30AM-12:20PM	TH	B-270	
6589	09:30AM-12:20PM	W	F-613	S.Kauffman
	09:30AM-10:20AM	F	B-268	
	10:30AM-12:20PM	F	F-613	
6595	10:00AM-12:50PM	T	F-608	A.Jamal/M.Donan
	10:00AM-11:50AM	TH	F-608	
	12:00PM-12:50PM	TH	B-268	
6591	11:30AM-12:20PM	M	B-268	Y.Yamamoto
	12:30PM-02:20PM	M	F-407	
	11:30AM-02:20PM	W	F-407	
6596	06:30PM-08:20PM	T	B-262	A.Colls
	08:30PM-09:20PM	T	B-268	
	06:30PM-09:20PM	TH	B-262	

**ESL-100L Listening and Speaking IV 3.0**

Pass/No Pass Only.

Recommended Preparation: Grade of "Pass" in ESL 096L or equivalent or assessment.

6284	08:00AM-09:15AM	MW	F-401	C.Pettersen
6288	12:30PM-01:45PM	WF	F-608	S.Kauffman
6285	01:00PM-02:15PM	TTH	F-608	P.Daley

**ESL-100R Reading & Vocabulary Dev IV 3.0**

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

6600	08:00AM-09:15AM	TTH	B-159	D.Garrett
6597	09:30AM-10:45AM	MW	B-258	Y.Yamamoto
6601	05:00PM-06:15PM	TTH	B-258	G.Colls

**ESL-103 English As Second Language III 5.0**

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

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

5346	09:30AM-11:20AM	M	F-608	C.Stuardo
	11:30AM-12:20PM	M	B-270	
	09:30AM-12:20PM	W	F-608	
7395	09:30AM-11:20AM	T	L-101	G.Colls
	11:30AM-12:20PM	T	B-270	
	09:30AM-12:20PM	TH	L-101	
5347	11:30AM-01:20PM	T	F-512	V.Neylon
	01:30PM-02:20PM	T	B-268	
	11:30AM-02:20PM	TH	F-512	
5352	05:00PM-06:50PM	M	B-262	M.Mancillas-Gomez
	07:00PM-07:50PM	M	B-268	
	05:00PM-07:50PM	W	B-262	

**ESL-103R Reading & Vocabulary Dev V 3.0**

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

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

**ESL-106 English as Second Language IV 5.0**

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

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

(ESL-106 continued)

6609	09:30AM-10:20AM	M	B-270	G.Colls
	10:30AM-12:20PM	M	L-102	
	09:30AM-12:20PM	W	L-102	
9628	11:30AM-02:20PM	T	F-613	J.Graboi
	11:30AM-12:20PM	TH	B-154	
	12:30PM-02:20PM	TH	F-613	
5357	06:30PM-09:20PM	M	B-171	D.Hills
	06:30PM-08:20PM	W	B-171	
	08:30PM-09:20PM	W	B-268	

**ESL-119 English as Second Language V 5.0**

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

8299	09:30AM-11:20AM	T	F-613	S.Frame-Day
	11:30AM-12:20PM	T	B-154	
	09:30AM-12:20PM	TH	F-613	
0938	02:00PM-04:50PM	M	B-159	V.Neylon
	02:00PM-03:50PM	W	B-159	
	04:00PM-04:50PM	W	B-154	
8817	05:00PM-07:50PM	T	B-171	J.Escobedo
	05:00PM-06:50PM	TH	B-171	
	07:00PM-07:50PM	TH	B-154	

**ESL-120 Accelerated Composition ESL 5.0**

Prerequisite: "C" grade or higher or "Pass" in ESL 103 or equivalent or assessment into ESL 106.

4749	09:30AM-12:20PM	M	B-159	J.Tesar
	09:30AM-11:20AM	W	B-159	
	11:30AM-12:20PM	W	B-268	
6610	09:30AM-12:20PM	W	F-413	C.Corte
	09:30AM-11:20AM	F	B-159	
	11:30AM-12:20PM	F	B-270	

## ELECTRONICS TECHNOLOGY

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

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	

## FRENCH

**+# FREN-120 French I 5.0**

6648	06:30PM-08:45PM	MW	F-413	T.Carmona
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**+# FREN-121 French II 5.0**

Prerequisite: "C" grade or higher or "Pass" in FREN 120 or two years of high school French or equivalent.

5356	09:30AM-11:45AM	TTH	F-518	B.Lopez-Hocker
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## GRAPHIC DESIGN

**GD-105 Fundamentals of Digital Media 3.0**

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

Recommended Preparation: Basic computer skills.

6961	TBA	WEB-WEB	G.Dowden
Online course; 87.5 total instructional hours required			
5381	09:30AM-10:20AM	MW	E-230 T.Buckles
	10:30AM-11:45AM	MW	E-230
5383	01:00PM-01:50PM	TTH	E-230 J.Crowley
	02:00PM-03:15PM	TTH	E-230

**GD-125 Typography 3.0**

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

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

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(GD-125 continued)

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

**GD-126 Photoshop Digital Imaging 3.0**

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

0872	01:00PM-01:50PM	MW	E-230	T.Buckles
	02:00PM-03:15PM	MW	E-230	

**GD-130 Professional Business Practice 3.0**

Prerequisite: "C" grade or higher or "Pass" in GD 129 or CIS 212 or equivalent. Student must have a substantial body of completed design or web projects prior to enrollment in this class.

5388	01:00PM-02:15PM	TTH	E-222	T.Buckles
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**GD-211 Digital Photography II 3.0**

\$25 material fee for printing inks.

Prerequisite: "C" grade or higher or "Pass" in GD 210 or equivalent.

5408	08:00AM-09:50AM	F	E-224	I.Cummings
	10:00AM-01:05PM	F	E-224	

**GD-222 Web Animation 3.0**

Recommended Preparation: "C" grade or higher or "Pass" in CIS 211 or equivalent or basic computer and Internet skills and ability to create and upload a simple website.

5409	09:30AM-10:20AM	MW	E-224	J.Crowley
	10:30AM-11:45AM	MW	E-224	

**GD-225 Digital Illustration 3.0**

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

Recommended Preparation: "C" grade or higher or "Pass" in ART 124, GD 110 or equivalent.

7153	01:00PM-01:50PM	MW	E-230	T.Buckles
	02:00PM-03:15PM	MW	E-230	

**GD-230 Graphic Design Work Experience**

Email [timothy.buckles@gcccd.edu](mailto:timothy.buckles@gcccd.edu) for details.

Prerequisite: 12 units in Graphic Design courses related to field in which work experience is sought and current resume highlighting graphic design experience and course-related study.

5410	TBA			T.Buckles
				1 unit=75 hours paid/60 hours unpaid work experience.
5411	TBA			T.Buckles
				2 units=150 hours paid/120 hours unpaid work experience.
5412	TBA			T.Buckles
				3 units=225 hours paid/180 hours unpaid work experience.

**GEOGRAPHY**

**+# GEOG-106 World Regional Geography 3.0**

Study of regional cultural systems around the world.

5366	08:00AM-09:15AM	MW	H-224	D.Lulka
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**+# GEOG-120 Physical Geog: Earth Systems 3.0**

Study of Earth's dynamic natural systems.

5370	09:30AM-10:45AM	MW	H-224	D.Lulka
5369	09:30AM-10:45AM	TTH	H-224	C.Farano
5371	12:30PM-01:45PM	TTH	H-224	C.Farano
5372	05:30PM-08:20PM	T	H-224	K.Dodson

**+# GEOG-121 Physical Geog Earth Sys Lab 1.0**

Applications and investigations of Earth's dynamic natural systems.

Prerequisite: "C" grade or higher or "Pass" in GEOG 120 or GEOL 104 or equivalent or concurrent enrollment in either course.

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cancelled sections, room changes, instructor changes, etc.)**

(GEOG-121 continued)  
9370 02:00PM-04:50PM T H-224 C.Farano

**GEOLOGY**

- +# GEOL-104 Earth Science 3.0**  
Study of Earth's physical systems including astronomy, geology, oceanography, meteorology and geomorphology.  
5379 11:00AM-12:15PM TTH H-224 M.Verrier
- +# GEOL-110 Planet Earth 3.0**  
Study of Earth's dynamic geological systems including plate tectonics, volcanoes and earthquakes.  
5380 11:00AM-12:15PM MW H-224 M.Verrier

**HEALTH EDUCATION**

- HED-105 Health Education for Teachers 1.0**  
S 5393 TBA WEB-WEB P.Farmer 29-Apr 02  
Online course; 17.5 total instructional hours.
- +# HED-120 Personal Health and Lifestyles 3.0**  
1769 TBA WEB-WEB P.Thiss  
Online course; 52.5 total instructional hours.  
5398 TBA WEB-WEB K.Herrin  
Online course; 52.5 total instructional hours.  
S 4691 TBA WEB-WEB L.Hollands Jan 25-Mar 19  
Online course; 52.5 total instructional hours.  
S 4692 TBA WEB-WEB K.Herrin Jan 04-Jan 23  
Online course; 52.5 total instructional hours.  
S 7374 TBA WEB-WEB P.Farmer Mar 28-May 21  
Online course; 52.5 total instructional hours.  
S 8702 TBA WEB-WEB L.Hollands Jan 04-Jan 23  
Online course; 52.5 total instructional hours.  
9614 11:00AM-12:15PM MW F-621 H.Wilson
- + HED-155 Realities of Nutrition 3.0**  
8190 TBA WEB-WEB B.Garrity  
Online course; 52.5 total instructional hours.  
S 8797 08:00AM-11:00AM W K.Gray-Meisner Feb 01-Jun 04  
Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room 203. Contact instructor for enrollment information.
- +# HED-201 Introduction to Public Health 3.0**  
5403 TBA WEB-WEB D.Riley  
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 D.Riley  
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.
- HED-202 Health Professions & Org 3.0**  
S 8799 08:00AM-11:05AM M B.Bloom Feb 01-Jun 11  
Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room 203. Contact instructor for enrollment information.  
6811 11:00AM-12:15PM TTH F-607 H.Wilson
- +# HED-203 Substance Abuse&Public Health 3.0**  
S 4694 TBA WEB-WEB B.Herrin Jan 04-Jan 23  
Online course; 52.5 total instructional hours.  
S 8885 TBA WEB-WEB B.Herrin Mar 28-May 21  
Online course; 52.5 total instructional hours.
- # HED-204 Health and Social Justice 3.0**  
S 8191 TBA WEB-WEB D.Riley Apr 11-May 21  
Online course; 52.5 total instructional hours. Please make sure

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(HED-204 continued)

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

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

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

**+# HED-251 Healthy Lifestyle Theory & App 3.0**  
Focuses on refugee health and preventive medicine issues

6602 11:00AM-11:50AM TTH F-621 L.Hollands  
12:00PM-01:15PM TTH F-621

**HISTORY**

**+# HIST-100 Early World History 3.0**  
Study of ancient societies and cultures from historical beginnings to 1500.

9925 TBA WEB-WEB L.Parker  
Online course; 52.5 total instructional hours.

S 4684 09:00AM-12:30PM MTWTHF B-365 J.Gonzalez-Meeks Jan 04-Jan 23  
6472 11:00AM-12:15PM TTH F-507 D.Salomon

**+# HIST-101 Modern World History 3.0**  
9926 TBA WEB-WEB P.Utgaard  
Online course; 52.5 total instructional hours. For orientation, see [www.cuyamaca.edu/peter.utgaard](http://www.cuyamaca.edu/peter.utgaard)

S 4685 09:00AM-12:30PM MTWTHF B-253 P.Utgaard Jan 04-Jan 23  
5424 09:30AM-10:45AM MW B-101 G.Stam  
Class meets in the Digital Theatre B101.

1222 06:00PM-09:05PM M F-507 S.Kaffenberger

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

**+# HIST-108 Early American History 3.0**  
Exploration of early U.S. history from settlement through the Civil War.

6717 TBA WEB-WEB S.Haber  
Online course; 52.5 total instructional hours. See [www.cuyamaca.edu/shaber](http://www.cuyamaca.edu/shaber) for orientation, textbook, Blackboard details. MUST log on in Blackboard on 1/25 to register attendance or will be dropped as "no show."

S 5431 08:00AM-09:15AM MW F-614 M.Gonzalez-Meeks  
4686 09:00AM-12:30PM MTWTHF B-172 J.Hernandez Jan 04-Jan 23  
5428 11:00AM-12:15PM MW F-513 J.Jones  
9629 01:00PM-02:15PM TTH E-229 J.Hernandez

**+# HIST-109 Modern American History 3.0**  
Survey of development of the U.S. from Reconstruction to the present.

5439 TBA WEB-WEB S.Haber  
Online course; 52.5 total instructional hours. See [www.cuyamaca.edu/shaber](http://www.cuyamaca.edu/shaber) for orientation, textbook, Blackboard details. MUST log on in Blackboard on 1/25 to register attendance or will be dropped as "no show."

6470 TBA WEB-WEB A.Tesfamariam  
Online course; 52.5 total instructional hours.

8862 TBA WEB-WEB M.Gonzalez-Meeks  
Online course; 52.5 total instructional hours. For more information contact Moriah.GonzalezMeeks@gcccd.edu.

S 4757 09:00AM-12:05PM F F-507 M.Gonzalez-Meeks  
4687 09:00AM-12:30PM MTWTHF E-223 A.Tesfamariam Jan 04-Jan 23  
5435 09:30AM-10:45AM MW F-513 M.Gonzalez-Meeks  
5434 09:30AM-10:45AM TTH B-101 J.Hernandez  
Class meets in the Digital Theatre B101.

5436 01:00PM-02:15PM MW F-513 J.Jones

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<b>+#</b>	<b>HIST-119 Chicano/Chicana Perspective II 3.0</b>				
	4755	11:00AM-12:15PM	MW	F-512	M.Gonzalez-Meeks
<b>+#</b>	<b>HIST-124 History of California 3.0</b>				
	8267	11:00AM-12:15PM	TTH	F-513	P.Utgaard
<b>+#</b>	<b>HIST-132 Kumeyaay I: Precontact - 1900 3.0</b>				
S	8867	03:00PM-03:50PM	MTWTH	GHHS-GHHS	R.Christman Feb 01-May 14
					Meets at Granite Hills High School, 1719 E. Madison Avenue, El Cajon, CA, room TBA. Contact instructor for enrollment information. No class meeting on 2/8.
	7337	05:00PM-07:50PM	TH	F-512	R.Christman
<b>+#</b>	<b>HIST-181 U.S. Hist Black Perspective II 3.0</b>				
	5447	06:00PM-08:50PM	T	F-514	A.Tesfamariam

## HUMANITIES

<b>+#</b>	<b>HUM-110 Principles of the Humanities 3.0</b>				
	5451	TBA	WEB-WEB		E.Cline
					Online course; 52.5 total instructional hours.
	6635	09:30AM-12:35PM	F	F-710	P.Utgaard
	6479	11:00AM-12:15PM	MW	F-710	P.Carmona
	5449	11:00AM-12:15PM	TTH	F-710	P.Carmona
<b>+#</b>	<b>HUM-155 Mythology 3.0</b>				
	5454	TBA	WEB-WEB		B.McGraw
					Online course; 52.5 total instructional hours. See <a href="http://www.cuyamaca.edu/bruce.mcgraw">www.cuyamaca.edu/bruce.mcgraw</a> after 1/15.
	5453	12:30PM-01:45PM	MW	F-710	E.Sampson

## MATHEMATICS

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

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

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(MATH-090 continued)

6686	11:00AM-12:50PM	T	H-133	R.Gloria
	01:00PM-01:50PM	T	H-119	
	11:00AM-01:50PM	TH	H-133	
5474	12:30PM-01:20PM	M	H-119	L.Raffo
	01:30PM-03:20PM	M	H-134	
	12:30PM-03:20PM	W	H-134	
5472	01:00PM-03:50PM	T	H-118	L.Raffo
	01:00PM-02:50PM	TH	H-118	
	03:00PM-03:50PM	TH	H-119	
5475	02:00PM-03:50PM	T	H-134	P.Eckert
	04:00PM-04:50PM	T	H-119	
	02:00PM-04:50PM	TH	H-134	
1210	03:00PM-05:50PM	M	H-113	P.Eckert
	03:00PM-04:50PM	W	H-113	
	05:00PM-05:50PM	W	H-119	
8196	06:00PM-07:50PM	M	H-113	R.Krajewski
	08:00PM-08:50PM	M	H-119	
	06:00PM-08:50PM	W	H-113	
5465	06:00PM-07:50PM	T	H-113	V.Hergul
	08:00PM-08:50PM	T	H-119	
	06:00PM-08:50PM	TH	H-113	

**MATH-096 Int Algebra for Statistics 6.0**

An accelerated one-course pathway to transfer-level Statistics (Math 160). This is a new approach designed specifically for students who do NOT intend to major in math, science, engineering or business. For more info visit [www.cuyamaca.edu/terrie.nichols/math/math96/m96.html](http://www.cuyamaca.edu/terrie.nichols/math/math96/m96.html)

9163	08:00AM-08:50AM	T	H-119	C.Vallejo
	09:00AM-11:50AM	T	H-127	
	08:00AM-09:50AM	TH	H-119	
	10:00AM-11:50AM	TH	H-127	
9162	01:00PM-03:50PM	M	H-128	D.Curtis
	04:00PM-04:50PM	M	H-119	
	01:00PM-02:50PM	W	H-128	
	03:00PM-04:50PM	W	H-119	

**# MATH-103 Intermediate Algebra 3.0**

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

9618	11:00AM-12:50PM	T	H-118	A.Arroyo
	11:00AM-11:50AM	TH	H-119	
	12:00PM-12:50PM	TH	H-118	
5481	01:30PM-02:20PM	M	H-138	M.Vargas
	02:30PM-03:20PM	M	H-119	
	01:30PM-03:20PM	W	H-138	
5482	06:00PM-07:50PM	T	H-134	M.Balegh
	06:00PM-06:50PM	TH	H-134	
	07:00PM-07:50PM	TH	H-119	

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

For science majors; great prep for the ELM test. Prerequisite: Grade of "Pass" in MATH 090 or equivalent.

8250	08:00AM-09:25AM	MTH	H-113	STAFF
	08:00AM-09:25AM	T	H-113	
	08:00AM-08:50AM	W	H-119	
5497	08:00AM-10:50AM	T	H-134	A.Arroyo
	08:00AM-09:50AM	TH	H-134	
	10:00AM-10:50AM	TH	H-119	
5485	08:30AM-10:20AM	M	H-133	F.Watson
	10:30AM-11:20AM	M	H-119	
	08:30AM-11:20AM	W	H-133	
8201	09:30AM-10:20AM	M	H-119	M.Vargas
	10:30AM-12:20PM	M	H-118	
	09:30AM-12:20PM	W	H-118	
7142	11:00AM-12:25PM	MTTH	H-134	E.Preibisius
	11:00AM-11:50AM	W	H-119	

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S Denotes short-term class

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cancelled sections, room changes, instructor changes, etc.)**

(MATH-110 continued)

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

**+# MATH-120 Math for General Education 3.0**

Survey course meeting the minimum CSU requirement in mathematics.

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

5493	08:00AM-09:15AM	MW	H-138	R.Stevens
5492	12:30PM-01:45PM	TTH	H-134	K.Stovall

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

Applications from various fields including science, business, psychology.

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

S	5468	TBA	WEB-WEB	B.Elliott	Jan 25-Mar 19
	Online course; 70 total instructional hours. Blackboard is NOT being used as a course management system, registration in MyStatLab CMS is required. Final exam on campus or by other arrangement, please read syllabus for more information BEFORE enrolling. Mandatory orientation, class details at <a href="http://www.cuyamaca.edu/people/bryan-elliott/default.aspx">www.cuyamaca.edu/people/bryan-elliott/default.aspx</a> . Mandatory orientation must be completed no later than 11:59pm on first day of class (or within 24 hours if you add after first day of class). Applications from various fields including science, business, psychology. Please update your email through WebAdvisor.				
S	5478	TBA	WEB-WEB	H.Noble	Feb 22-May 21
	Online course; 70 total instructional hours. Registration in MyStatLab course management system required. Mandatory on-campus final exam TBA.				
S	8252	TBA	WEB-WEB	B.Elliott	Mar 28-May 21
	Online course; 70 total instructional hours. Blackboard is NOT being used as a course management system, registration in MyStatLab CMS is required. Final exam on campus or by other arrangement, please read syllabus for more information BEFORE enrolling. Mandatory orientation, class details at <a href="http://www.cuyamaca.edu/people/bryan-elliott/default.aspx">www.cuyamaca.edu/people/bryan-elliott/default.aspx</a> . Mandatory orientation must be completed no later than 11:59pm on first day of class (or within 24 hours if you add after first day of class). Applications from various fields including science, business, psychology. Please update your email through WebAdvisor.				
S	8251	07:00AM-09:45AM	MW	H-128	T.Nichols
		07:00AM-07:50AM	F	H-128	
		08:00AM-09:45AM	F	H-119	

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cancelled sections, room changes, instructor changes, etc.)**

(MATH-160 continued)

	8206	08:00AM-08:50AM	T	H-114	H.Noble	
		09:00AM-09:50AM	T	H-119		
		08:00AM-09:50AM	TH	H-114		
	1158	10:30AM-11:20AM	M	H-139	A.Krauss	
		11:30AM-12:20PM	M	H-119		
		10:30AM-12:20PM	W	H-139		
	8207	12:30PM-01:20PM	M	H-127	S.Rodriguez	
		01:30PM-02:20PM	M	H-119		
		12:30PM-02:20PM	W	H-127		
	5504	12:30PM-02:20PM	T	H-127	T.Nichols	
		12:30PM-01:20PM	TH	H-127		
		01:30PM-02:20PM	TH	H-119		
	9620	03:00PM-03:50PM	T	H-119	T.Busken	
		04:00PM-04:50PM	T	H-127		
		03:00PM-04:50PM	TH	H-127		
	8205	06:00PM-06:50PM	T	H-127	T.Busken	
		07:00PM-07:50PM	T	H-119		
		06:00PM-07:50PM	TH	H-127		
	5502	06:00PM-07:50PM	M	H-133	G.Iorio	
		06:00PM-06:50PM	W	H-133		
		07:00PM-07:50PM	W	H-119		
<b>+#</b>	<b>MATH-170 Analytic Trigonometry</b>			<b>3.0</b>		
	Study of the trigonometric functions.					
	Prerequisite: "C" grade or higher or "Pass" in MATH 097, 110 or equivalent.					
	9372	11:00AM-12:15PM	TTH	F-514	C.Koether	
<b>+#</b>	<b>MATH-175 College Algebra</b>			<b>4.0</b>		
	Continuation of MATH 110; emphasis on pre-calculus topics.					
	Prerequisite: "C" grade or higher or "Pass" in MATH 110 or equivalent (MATH 103 does not meet the prerequisite).					
	9373	12:30PM-02:20PM	TTH	H-113	L.Guerrero	
	1157	06:00PM-07:50PM	MW	H-118	C.Navio	
<b>+#</b>	<b>MATH-176 Precalculus-Functions &amp; Graphs</b>			<b>6.0</b>		
	Prerequisite: "C" grade or higher or "Pass" in MATH 097, 110 or equivalent (MATH 103 does not meet the prerequisite).					
	9375	08:00AM-10:50AM	TTH	H-118	G.Creswell	
S	8886	08:30AM-12:30PM	W		STAFF	Feb 01-Jun 18
		01:00PM-02:15PM	W			
	Meets at Health Sciences High & Middle College, 3910 University Ave, San Diego, CA 92105 room 213. Contact instructor for enrollment information.					
	9376	09:30AM-12:20PM	MW	H-127	B.Elliott	
	8253	12:30PM-03:20PM	TTH	H-138	M.Shah	
<b>+#</b>	<b>MATH-178 Calculus Bus, Soc &amp; Behav Sci</b>			<b>4.0</b>		
	Calculus for non-science majors.					
	Prerequisite: "C" grade or higher or "Pass" in MATH 110 or equivalent (MATH 103 does not meet the prerequisite).					
	9377	08:00AM-09:50AM	TTH	H-128	R.Gloria	
	9378	04:00PM-05:50PM	MW	E-225	C.Obyrne	
<b>+#</b>	<b>MATH-180 Analytic Geometry &amp; Calculus I</b>			<b>5.0</b>		
	Prerequisite: "C" grade or higher or "Pass" in MATH 170 and 175, or MATH 176 or equivalent					
	9379	10:00AM-12:15PM	MW	H-128	M.Wolfson	
	9381	10:00AM-12:15PM	TTH	H-128	L.Guerrero	
	9380	06:00PM-08:15PM	MW	H-128	K.Sherer	
<b>+#</b>	<b>MATH-245 Discrete Mathematics</b>			<b>3.0</b>		
	Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent.					
	9382	08:30AM-09:45AM	MW	H-114	L.Raffo	

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<b>+#</b>	<b>MATH-280 Analytic Geometry&amp;Calculus II 4.0</b>				
	Continuation of MATH 180 for math, science and engineering majors.				
	Prerequisite: "C" grade or higher or "Pass" in MATH 180 or equivalent.				
	8211	10:00AM-11:50AM	MW	H-138	K.Havens
	9383	10:00AM-11:50AM	TTH	H-138	D.Curtis
	9384	06:00PM-07:50PM	MW	H-138	V.Trang
<b>+#</b>	<b>MATH-281 Multivariable Calculus 4.0</b>				
	Multivariable calculus for math, science and engineering majors.				
	Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent.				
	9385	10:00AM-11:50AM	MW	H-114	T.Marshall
	8209	10:00AM-11:50AM	TTH	H-114	L.Raffo
<b>+#</b>	<b>MATH-284 Linear Algebra 3.0</b>				
	Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent.				
	9386	12:30PM-01:45PM	TTH	H-114	D.Curtis
<b>+#</b>	<b>MATH-285 Differential Equations 3.0</b>				
	Prerequisite: "C" grade or higher or "Pass" in MATH 280 or equivalent.				
	8254	08:00AM-09:15AM	TTH	H-138	T.Nichols
	7030	12:30PM-01:45PM	MW	H-114	T.Nichols

**MUSIC**

	<b>MUS-090 Prep Performance Studies I 0.5</b>				
	Pass/No Pass Only.				
	6289	12:00PM-12:50PM	F	B-312	T.Smith
	Plus 11 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email <a href="mailto:taylor.smith@gcccd.edu">taylor.smith@gcccd.edu</a> .				
	<b>MUS-091 Prep Performance Studies II 0.5</b>				
	Pass/No Pass Only.				
	6291	12:00PM-12:50PM	F	B-312	T.Smith
	Plus 11 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email <a href="mailto:taylor.smith@gcccd.edu">taylor.smith@gcccd.edu</a> .				
	<b>MUS-105 Music Theory and Practice I 4.0</b>				
	6521	09:00AM-10:50AM	TTH	B-312	O.Keegan
		09:00AM-10:50AM	F	B-312	
	<b>MUS-108 Rock, Pop and Soul Ensemble 1.0</b>				
	Prerequisite: Audition				
	9045	06:00PM-07:35PM	M	B-209	T.Smith
		07:45PM-09:15PM	M	B-209	
	Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information contact <a href="mailto:taylor.smith@gcccd.edu">taylor.smith@gcccd.edu</a> .				
	<b>MUS-109 Rock, Pop and Soul Ensemble 1.0</b>				
	Prerequisite: Audition				
	9046	06:00PM-07:35PM	M	B-209	T.Smith
		07:45PM-09:15PM	M	B-209	
	Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information contact <a href="mailto:taylor.smith@gcccd.edu">taylor.smith@gcccd.edu</a> .				
<b>+#</b>	<b>MUS-110 Great Music Listening 3.0</b>				
S	8696	TBA	WEB-WEB	H.Vorwerck	Mar 28-May 21
	Online course; 52.5 total instructional hours. Assignments are due at end of first week.				
	5523	09:30AM-10:45AM	MW	B-301	M.Nelson
	4794	11:00AM-12:15PM	TTH	B-301	H.Vorwerck

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**+# MUS-111 History of Jazz 3.0**  
 S 0841 TBA WEB-WEB S.Walton Jan 25-Mar 19  
 Online course; 52.5 total instructional hours. See  
 www.cuyamaca.edu/scott.walton for orientation. Assignments are  
 due at end of first week.  
 1745 TBA WEB-WEB S.Walton Mar 28-May 21  
 Online course; 52.5 total instructional hours. See  
 www.cuyamaca.edu/scott.walton for orientation. Assignments are  
 due at end of first week.  
 9924 09:30AM-10:45AM TTH B-301 D.Bigham

**+# MUS-115 History of Rock Music 3.0**  
 S 9460 TBA WEB-WEB S.Walton Mar 28-May 21  
 Online course; 52.5 total instructional hours. See  
 www.cuyamaca.edu/scott.walton for orientation. Assignments are  
 due at end of first week.  
 8773 TBA WEB-WEB D.Bigham  
 Online course; 52.5 total instructional hours. Contact the  
 instructor for information at david.bigham@gcccd.edu.  
 S 8758 08:00AM-11:05AM W A.Dicce Feb 16-Jun 11  
 Meets at Health Sciences High & Middle College, 3910 University  
 Ave, San Diego, CA 92105 room TBA. Contact instructor for  
 enrollment information.  
 5537 12:30PM-01:45PM TTH B-101 A.Hacker  
 Class meets in the Digital Theatre B101.

**+# MUS-116 Introduction to World Music 3.0**  
 6981 TBA WEB-WEB A.Hacker  
 Online course; 52.5 total instructional hours.  
 5533 11:00AM-12:15PM MW B-301 A.Hacker

**MUS-118 Introduction to Music 4.0**  
 9186 11:00AM-12:50PM T B-312 E.Jordan  
 11:00AM-12:50PM TH B-209

**MUS-121 Music Industry Seminar 1.0**  
 9055 01:00PM-02:35PM F B-312 T.Smith  
 Plus 24 hours of rehearsals, public performances and events to be  
 arranged with the instructor during the semester.

**MUS-122 Music Industry Seminar 1.0**  
 9057 01:00PM-02:35PM F B-312 T.Smith  
 Plus 24 hours of rehearsals, public performances and events to be  
 arranged with the instructor during the semester.

**MUS-132 Class Piano I 3.0**  
 5529 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.  
 5534 02:30PM-03:45PM MW B-209 J.Harris

**MUS-158 Chorus 1.0**  
 Prerequisite: Audition  
 6539 07:00PM-08:25PM T B-120 A.Dicce  
 08:35PM-10:00PM T B-120  
 Plus 32 hours of rehearsals and public performances to be  
 arranged with the instructor during the semester. For enrollment,  
 audition information email anne-marie.dicce@gcccd.edu.

**MUS-159 Chorus 1.0**  
 Prerequisite: Audition  
 6584 07:00PM-08:25PM T B-120 A.Dicce  
 08:35PM-10:00PM T B-120  
 Plus 32 hours of rehearsals and public performances to be  
 arranged with the instructor during the semester. For enrollment,  
 audition information email anne-marie.dicce@gcccd.edu.

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

9295 TBA T.Smith  
For enrollment information contact [taylor.smith@gcccd.edu](mailto:taylor.smith@gcccd.edu).  
1 unit=75 hours paid/60 hours unpaid work experience.  
9973 TBA T.Smith  
For enrollment information contact [taylor.smith@gcccd.edu](mailto:taylor.smith@gcccd.edu).  
2 units=150 hours paid/120 hours unpaid work experience.  
9974 TBA T.Smith  
For enrollment information contact [taylor.smith@gcccd.edu](mailto:taylor.smith@gcccd.edu).  
3 units=225 hours paid/180 hours unpaid work experience.  
9975 TBA T.Smith  
For enrollment information contact [taylor.smith@gcccd.edu](mailto:taylor.smith@gcccd.edu).  
4 units=300 hours paid/240 hours unpaid work experience.

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

Prerequisite: "C" grade or higher or "Pass" in MUS 120 or equivalent.  
8484 01:00PM-03:50PM T B-209 T.Smith  
01:00PM-02:50PM TH B-209

**MUS-190 Performance Studies 0.5**

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

**MUS-191 Performance Studies 0.5**

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

**MUS-208 Rock, Pop and Soul Ensemble 1.0**

Prerequisite: Audition  
9914 06:00PM-07:35PM M B-209 T.Smith  
07:45PM-09:15PM M B-209  
Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email [taylor.smith@gcccd.edu](mailto:taylor.smith@gcccd.edu).

**MUS-209 Rock, Pop and Soul Ensemble 1.0**

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

**MUS-221 Music Industry Seminar 1.0**

9916 01:00PM-02:35PM F B-312 T.Smith  
Plus 24 hours of rehearsals, public performances and events to be arranged with the instructor during the semester.

**MUS-222 Music Industry Seminar 1.0**

9919 01:00PM-02:35PM F B-312 T.Smith  
Plus 24 hours of rehearsals, public performances and events to be arranged with the instructor during the semester.

**MUS-232 Class Piano III 3.0**

Prerequisite: "C" grade or higher or "Pass" in MUS 133 or equivalent.  
5547 02:30PM-03:45PM MW B-209 J.Harris

**MUS-233 Class Piano IV 3.0**

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



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**MUS-258 Chorus 1.0**  
 Prerequisite: Audition  
 6587 07:00PM-08:25PM T B-120 A.Dicce  
 08:35PM-10:00PM T B-120  
 Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email [anne-marie.dicce@gcccd.edu](mailto:anne-marie.dicce@gcccd.edu).

**MUS-259 Chorus 1.0**  
 Prerequisite: Audition  
 6588 07:00PM-08:25PM T B-120 A.Dicce  
 08:35PM-10:00PM T B-120  
 Plus 32 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email [anne-marie.dicce@gcccd.edu](mailto:anne-marie.dicce@gcccd.edu).

**MUS-290 Performance Studies 0.5**  
 Prerequisite: Audition  
 6074 12:00PM-12:50PM F B-312 T.Smith  
 Plus 11 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email [taylor.smith@gcccd.edu](mailto:taylor.smith@gcccd.edu).

**MUS-291 Performance Studies 0.5**  
 Prerequisite: Audition  
 6075 12:00PM-12:50PM F B-312 T.Smith  
 Plus 11 hours of rehearsals and public performances to be arranged with the instructor during the semester. For enrollment, audition information email [taylor.smith@gcccd.edu](mailto:taylor.smith@gcccd.edu).

**NATIVE AMERICAN LANGUAGES**

**+# NAKY-121 Kumeyaay II 5.0**  
 Prerequisite: "C" grade or higher or "Pass" in NAKY 120 or equivalent.  
 8706 06:00PM-08:15PM MW SYCN-SYCN S.Rodriguez  
 For class information, please contact Sycuan Cultural Department at (619) 445-6917.

**OCEANOGRAPHY**

**+# OCEA-112 Introduction to Oceanography 3.0**  
 Study of Earth's dynamic ocean environment.  
 6690 08:00AM-09:15AM TTH H-224 M.Verrier  
 5803 12:30PM-01:45PM MW H-224 R.Rector

**+# 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 02:00PM-04:50PM W H-224 C.Arends

**ORNAMENTAL HORTICULTURE**

**OH-102 Xeriscape: Water Conservation 2.0**  
 Landscape water conservation principles and practices.  
 6779 02:00PM-03:50PM W M-111 L.Rottke

**S OH-105 Edibles in Urban Landscapes 1.5**  
 8906 05:00PM-08:05PM M M-111 B.Kotnik Feb 22-April 23  
 Class meets 2/22, 2/29, 3/7, 3/14, 3/28, 4/4, 4/11, 4/18

**OH-114 Floral Design I 3.0**  
 Theory/practice of basic and contemporary floral designs and business practices. \$150 fresh flower fee allows students to keep their floral arrangements; payment plan available when registering.  
 9025 04:00PM-05:50PM M M-105 D.Citrowske  
 06:00PM-09:05PM M M-105

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

**OH-117 Wedding Design I 3.0**  
 Theory/practice of basic and contemporary wedding designs, bouquets, corsages and business practices. \$200 fresh flower fee allows students to keep their arrangements (due at registration).  
 Prerequisite: "C" grade or higher or "Pass" in OH 114 or equivalent.  
 8366 04:00PM-05:50PM T M-105 D.Citrowske  
 06:00PM-08:50PM T M-105

**OH-120 Fundamentals Ornamental Hort 3.0**  
 Plant structure, soils, fertilizers, basic horticultural practices.  
 9307 10:00AM-11:50AM T M-105 D.Schultz  
 12:00PM-02:50PM T M-105

**OH-121 Plant Propagation 3.0**  
 5560 11:00AM-12:50PM TH M-105 F.Palafox  
 01:00PM-03:50PM TH M-105

**OH-130 Plant Pest Control 3.0**  
 5561 11:00AM-12:50PM W M-105 D.Schultz  
 01:00PM-03:50PM W M-105

**OH-170 Plant Materials: Trees, Shrubs 3.0**  
 Identification, cultural characteristics of 125 landscape trees and shrubs.  
 5563 04:00PM-06:50PM TH M-111 L.Whitney

**OH-172 Intro to Landscape Design 3.0**  
 Principles of residential landscape design for usable, pleasant outdoor spaces.  
 Recommended Preparation: "C" grade or higher or "Pass" in OH 171 or equivalent  
 5564 04:00PM-05:50PM TH M-100 S.Holladay  
 06:00PM-08:50PM TH M-100

**OH-180 Annuals and Perennials 3.0**  
 Identification, cultural requirements, landscape value of common annuals/perennials used as bedding plants, annual color, or in the commercial floral industry.  
 5567 01:00PM-03:50PM T M-111 L.Rottke

**OH-220 Landscp Const:Concrte,Masonry 3.0**  
 Construction methods and materials including stone and stamped concrete.  
 6496 05:00PM-07:05PM T M-111 D.Ratynski  
 08:00AM-12:00PM S M-105  
 12:30PM-03:45PM S M-105  
 Saturday morning and afternoon are one class meeting 2/6, 2/27, 3/12, 4/2, 4/16, 5/7, 5/21.

**OH-235 Landscape Irrigation 4.0**  
 Irrigation hydraulics and system components necessary for irrigation design.  
 4652 05:00PM-08:50PM W M-105 T.Groot

**OH-260 Arboriculture 3.0**  
 8369 05:00PM-07:05PM W M-111 L.Rottke  
 08:00AM-12:00PM S M-111  
 12:30PM-03:45PM S M-111  
 Saturday morning and afternoon are one class meeting 1/30, 2/20, 3/5, 3/19, 4/9, 4/30, 5/14

**OH-275 Diagnose Horticultural Problem 1.5**  
 Recommended Preparation: "C" grade or higher or "Pass" in OH 120, 130, 170 or equivalent.  
 8761 04:00PM-04:50PM M M-111 T.Faulstich  
 05:00PM-06:20PM M M-111

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**OH-290 Cooperative Work Experience**

Work experience in local horticulture industry for OH majors.  
 5577 TBA M-111 F.Palafox  
 Required orientation Fri. 1/22, 5pm in M-111; second orientation  
 TBA. 1 unit=75 hours paid/60 hours unpaid work experience.  
 5578 TBA M-111 F.Palafox  
 Required orientation Fri. 1/22, 5pm in M-111; second orientation  
 TBA. 2 units=150 hours paid/120 hours unpaid work experience.  
 5579 TBA M-111 F.Palafox  
 Required orientation Fri. 1/22, 5pm in M-111; second orientation  
 TBA. 3 units=225 hours paid/180 hours unpaid work experience.  
 5580 TBA M-111 F.Palafox  
 Required orientation Fri. 1/22, 5pm in M-111; second orientation  
 TBA. 4 units=300 hours paid/240 hours unpaid work experience.

**PARALEGAL STUDIES**

**PARA-100 Intro to Paralegal Studies 3.0**

5586 06:30PM-08:20PM M E-223 M.Sessom  
 Additional 1 instructional hour/week via Internet.

**PARA-110 Civil Litigation Practice 3.0**

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

**PARA-132 Computer Assist Legal Research 3.0**

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

**PARA-140 Criminal Law and Procedures 3.0**

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

**PARA-150 Family Law 3.0**

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

**PARA-250 Internship**

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

**PERSONAL DEV-SPECIAL SERVICES**

**PDSS-085 Adapted Computer Basics 1.0**

Pass/No Pass only. Recommended for students with  
 disabilities.  
 Recommended Preparation: "C" grade or higher or "Pass" in  
 ENGL 098R or equivalent.  
 S 6821 01:30PM-02:20PM T B-154 B.Josephson Jan 25-Mar 19  
 02:30PM-03:35PM T B-154  
 01:30PM-03:35PM TH C-114  
 The Thursday class meetings to be held in the High Tech Center  
 in C-114.

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**PDSS-087 Adapted Computer Studies 1.0**

Pass/No Pass only. Recommended for students with disabilities.

S 8498 01:30PM-03:35PM T TBA B.Josephson Mar 28-May 21  
01:30PM-03:35PM TH C-114

The Thursday class meetings to be held in the High Tech Center in C-114.

**PDSS-090A Learning Strategies Practicum 1.0**

Pass/No Pass only. Recommended for students with disabilities.

8515 11:00AM-11:50AM F A-112 M.Asher-Fitzpatrick

**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**

5641 12:30PM-01:45PM MW B-101 S.Floersheimer

Class meets in the Digital Theatre B101.

6641 12:30PM-01:45PM TTH F-716 C.Hammond

5639 06:00PM-08:50PM W F-716 D.Hull

5636 TBA WEB-WEB C.Hammond

Online course; 52.5 total instructional hours. Instructor will email start-up instructions by 1/23.

**+# PHIL-125 Critical Thinking 3.0**

5643 08:00AM-09:15AM TTH F-508 J.Moore

9977 09:30AM-10:45AM MW F-716 J.Thompson

**+# PHIL-130 Logic 3.0**

5645 TBA WEB-WEB C.Hammond

Online course; 52.5 total instructional hours. Instructor will email start-up instructions by 1/23.

4789 11:00AM-12:15PM MW F-614 J.Thompson

**+# PHIL-140 Problems in Ethics 3.0**

7189 TBA WEB-WEB C.Hammond

Online course; 52.5 total instructional hours. Instructor will email start-up instructions by 1/23.

**PHYSICS**

**+# PHYC-131 Fundamentals of Physics 4.0**

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

5748 05:30PM-06:45PM TTH F-505 D.Tibbets

07:00PM-09:50PM T H-223

9883 05:30PM-06:45PM TTH F-505 D.Tibbets

07:00PM-09:50PM TH H-223

**+# PHYC-190 Mechanics and Heat 5.0**

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

Recommended Preparation: Concurrent enrollment in MATH 280.

5749 08:00AM-09:50AM MW H-223 K.Murray

02:00PM-04:50PM M H-223 M.Hsu

9197 10:00AM-11:50AM MW H-223 J.Riley

09:00AM-11:50AM F H-223

8405 10:00AM-11:50AM TTH H-223 J.Riley

12:00PM-02:50PM F H-223 K.Murray

**+# PHYC-200 Electricity and Magnetism 5.0**

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

Recommended Preparation: Concurrent enrollment in MATH 281.

4616 08:00AM-09:50AM TTH H-223 M.Simpson

02:00PM-04:50PM T H-223 G.Thurman

5751 12:00PM-01:50PM MW H-223 M.Simpson

02:00PM-04:50PM W H-223

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**+# PHYC-210 Wave Motion and Modern Physics 5.0**  
 Prerequisite: "C" grade or higher or "Pass" in PHYC 190 or equivalent; "C" grade or higher or "Pass" in MATH 281 or equivalent or concurrent enrollment.  
 5752 12:00PM-01:50PM TTH H-223 M.Simpson  
 02:00PM-04:50PM TH H-223

**POLITICAL SCIENCE**

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

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

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

**PSYCHOLOGY**

**+# PSY-120 Introductory Psychology 3.0**  
 The science of human behavior, thought and emotion.  
 4781 TBA WEB-WEB T.Doyle  
 Online course; 52.5 total instructional hours. See www.cuyamaca.edu/people/tom-doyle for information about the class.  
 5765 TBA WEB-WEB T.Doyle  
 Online course; 52.5 total instructional hours. See www.cuyamaca.edu/people/tom-doyle for information about the class.  
 5760 08:00AM-09:15AM MW F-513 S.Weinert  
 1746 08:00AM-09:15AM TTH F-513 S.Weinert  
 5766 09:00AM-12:05PM F F-614 J.Jones  
 S 4689 09:00AM-12:30PM MTWTHF E-225 S.Weinert Jan 04-Jan 23  
 8683 09:30AM-10:45AM MW B-360 T.Jacob  
 Student must be concurrently enrolled in ENGL 120 #9456.  
 5764 09:30AM-10:45AM TTH F-508 D.McGrevy  
 5763 11:00AM-12:15PM MW B-101 S.Weinert  
 Class meets in the Digital Theatre B101.  
 5769 01:00PM-02:15PM MW F-614 J.Jones  
 9431 01:00PM-02:15PM TTH F-508 D.McGrevy  
 8842 02:45PM-05:35PM W VHS-VHS M.Sousa  
 Meets at Valhalla High School, 1725 Hillside Rd, El Cajon, CA, room TBA. Contact instructor for enrollment information.  
 5771 06:00PM-08:50PM W F-508 J.Jones

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

**+# PSY-138 Social Psychology 3.0**  
 9235 TBA WEB-WEB R.Wanic  
 Online course; 52.5 total instructional hours. Email rebeka.wanic@gcccd.edu for details.

**+# 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.  
 5776 09:30AM-10:45AM TTH F-621 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 J.Phillips  
 Online course; 52.5 total instructional hours.
- +# PSY-170 Abnormal Psychology 3.0**  
 Research/theory involving the causes and treatment of psychological disorders.  
 4784 06:00PM-09:05PM M F-508 D.McGrevy
- PSY-205 Research Methods in Psychology 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in PSY 120, 215 or equivalent.  
 0837 09:00AM-12:05PM F E-204 S.Weinert
- +# PSY-215 Statistics Behavioral Sciences 3.0**  
 Defining/solving quantitative problems in the behavioral sciences.  
 Prerequisite: "C" grade or higher or "Pass" in MATH 103 or 110 or equivalent.  
 9432 01:00PM-01:50PM MW E-204 S.Weinert  
 02:00PM-03:15PM MW E-204
- +# PSY-220 Learning 3.0**  
 Prerequisite: "C" grade or higher or "Pass" in PSY 120 or equivalent.  
 5781 09:30AM-10:45AM MW F-508 S.Weinert

**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 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 06:30PM-09:20PM TH E-229 G.Daunoras
- RE-194 Real Estate Appraisal 3.0  
 5791 09:00AM-12:05PM S E-120 S.Yepiz
- RE-201 Real Estate Property Mgmt 3.0**  
 8325 06:30PM-09:35PM M E-229 S.Yepiz
- RE-250 Real Estate Internship**  
 0861 TBA R.Perez  
 Mandatory meeting 1/27 at 6pm-6:25 in E-229.  
 1 unit=75 hours paid/60 hours unpaid work experience.  
 0862 TBA R.Perez  
 Mandatory meeting 1/27 at 6pm-6:25 in E-229.  
 2 units=150 hours paid/120 hours unpaid work experience.  
 0863 TBA R.Perez  
 Mandatory meeting 1/27 at 6pm-6:25 in E-229.  
 3 units=225 hours paid/180 hours unpaid work experience.

**RELIGIOUS STUDIES**

- +# RELG-120 World Religions 3.0**  
 5800 09:30AM-10:45AM MW F-710 P.Carmona  
 5799 09:30AM-10:45AM TTH F-710 P.Carmona
- +# RELG-215 Intro to the New Testament 3.0**  
 6643 TBA WEB-WEB B.McGraw  
 Online course; 52.5 instructional hours required. See [www.cuyamaca.edu/bruce.mcgraw](http://www.cuyamaca.edu/bruce.mcgraw) after 1/15.

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## 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).  
 S 5811 08:00AM-09:15AM TTH F-507 R.Jacob-Almeida  
 4690 09:00AM-12:30PM MTWTHF E-229 C.Anderson Jan 04-Jan 23  
 1146 11:00AM-12:15PM TTH B-101 R.Jacob-Almeida  
 Class meets in the Digital Theatre B101.  
 5814 11:00AM-12:15PM TTH F-614 C.Anderson  
 5809 01:00PM-02:15PM MW F-507 R.Jacob-Almeida  
 5813 06:00PM-08:50PM TH F-507 R.Jacob-Almeida
- +# SOC-125 Marriage, Fam & Alt Lifestyles 3.0**  
 Understanding factors conducive to successful marital and family relationships.  
 4940 TBA WEB-WEB R.Horn Langford  
 Online course; 52.5 total instructional hours.  
 S 5816 09:00AM-12:15PM MW K-121 S.Somo Jan 25-Mar 19  
 Ford ASSET class; open to all students.
- +# SOC-130 Contemporary Social Problems 3.0**  
 5817 09:30AM-10:45AM MW F-507 R.Jacob-Almeida  
 6634 01:00PM-02:15PM TTH F-507 C.Anderson

## SPANISH

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

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## SURVEYING

**SURV-218 Plane Surveying 4.0**  
 Prerequisite: "C" grade or higher or "Pass" in MATH 170 or equivalent or concurrent enrollment.  
 5868 08:00AM-09:50AM S F-724 D.Woolley/J.Butcher  
 10:00AM-01:05PM S F-724  
 01:35PM-04:25PM S F-724  
 Also listed as ENGR 218 #5257.

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

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

## SOCIAL WORK

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

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

## THEATRE ARTS

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

## WORK EXPERIENCE

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

## WATER/WASTEWATER TECHNOLOGY

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

**WWTR-102 Calculations in WWTR Tech 3.0**  
 Mathematical principles in solving problems related to Water Distribution and Treatment Systems.  
 Recommended Preparation: Grade of "Pass" in MATH 090 or equivalent.  
 S 8371 04:00PM-05:25PM MTWTH F-607 J.Young Jan 25-Mar 19  
 S 9033 06:00PM-09:05PM TTH F-607 J.Young Jan 25-Mar 19

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S	<b>WWTR-103 Water Resources Management</b>	<b>3.0</b>				
	1225	06:00PM-09:05PM	TTH	F-620	M.Uhrhammer	Jan 25-Mar 19
	<b>WWTR-104 Applied Hydraulics</b>	<b>3.0</b>				
	Recommended Preparation: "C" grade or higher or "Pass" in WWTR 102 or equivalent.					
S	5873	06:00PM-09:05PM	TTH	F-607	J.Young	Mar 28-May 21
	<b>WWTR-115 Wastewater Reclamation/Reuse</b>	<b>3.0</b>				
S	0842	06:00PM-09:15PM	MW	F-613	B.Ayers	Jan 25-Mar 19
	<b>WWTR-117 Advanced Water Treatment</b>	<b>3.0</b>				
	Prerequisite: "C" grade or higher or "Pass" in WWTR 112 or equivalent.					
S	9249	06:00PM-09:05PM	TTH	F-613	C.Palechek	Jan 25-Mar 19
	<b>WWTR-120 Adv Plant Ops Wastewater</b>	<b>3.0</b>				
	Wastewater treatment process units; equipment and facilities operations.					
	Prerequisite: "C" grade or higher or "Pass" in WWTR 114 or equivalent.					
S	9472	06:00PM-09:05PM	MW	F-613	P.Porras	Mar 28-May 21
	<b>WWTR-130 Water Distribution Systems</b>	<b>3.0</b>				
	Fundamentals of the design, operation, and maintenance of a drinking water distribution system.					
	Recommended Preparation: "C" grade or higher or "Pass" in WWTR 102 or equivalent.					
S	9034	06:00PM-09:05PM	MW	F-607	J.Young	Mar 28-May 21
	<b>WWTR-132 Wastewater Collection Systems</b>	<b>3.0</b>				
	Fundamentals of the design, operation, monitoring, and maintenance of wastewater collection systems.					
S	8372	06:00PM-09:05PM	TTH	F-620	H.Nino	Mar 28-May 21
	<b>WWTR-268 Intro-Membrane Plant Operation</b>	<b>3.0</b>				
	Prerequisite: "C" grade or higher or "Pass" in WWTR 112 or 114 or equivalent.					
S	6774	06:00PM-09:05PM	TTH	F-613	S.McClelland	Mar 28-May 21
	<b>WWTR-280 Backflow Tester Training</b>	<b>2.0</b>				
	Preparation for the AWWA and ABPA certification exams.					
S	1750	06:00PM-07:30PM	MW	L-101	F.Garcia	Jan 25-Mar 19
		07:40PM-09:10PM	MW	L-101		
	Certification testing is available Sat. 3/19. Students must pay additional fees directly to ABPA (approximately \$85) or AWWA (approximately \$200). Preparation for the AWWA and ABPA certification exams.					
	<b>WWTR-284 Cross Connect:Recycled Water</b>	<b>3.0</b>				
S	9894	06:00PM-09:05PM	MW	F-620	T.Deeds	Mar 28-May 21
	<b>WWTR-290 Cooperative Work Experience</b>					
	Application of classroom experiences in industry.					
	Recommended Preparation: Successful completion of at least three Water/Wastewater Technology courses prior to enrolling					
	5881	TBA			D.Jones	
	Required orientation Fri. 1/29, 5pm in F614; second orientation TBA. 1 unit=75 hours paid/60 hours unpaid work experience.					
	5882	TBA			D.Jones	
	Required orientation Fri. 1/29, 5pm in F614; second orientation TBA. 2 units=150 hours paid/120 hours unpaid work experience.					
	5883	TBA			D.Jones	
	Required orientation Fri. 1/29, 5pm in F614; second orientation TBA. 3 units=225 hours paid/180 hours unpaid work experience.					
	5884	TBA			D.Jones	
	Required orientation Fri. 1/29, 5pm in F614; second orientation TBA. 4 units=300 hours paid/240 hours unpaid work experience.					

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