



SUMMER SESSION 2016

California State University, Fresno
Division of Continuing and Global Education

June 13 – August 12, 2016
fresnostate.edu/cge/summersession

FRESNO STATE
Continuing and Global Education

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Summer Session 2016 General Information

About Summer Session

What is Summer Session?

Summer Session is a nine-week term that allows you to take Fresno State courses in a condensed format. Summer Session classes offer residence credit and can be used toward a degree program, just like any class in the fall or spring semester.

Who Can Attend?

Summer Session classes are open to current Fresno State students as well as the general public. You do not need to be admitted to Fresno State to take a Summer Session class.

In order to take a Summer Session course, you must:

- Be at least 18 years of age or have a high school diploma or equivalent
- Meet any prerequisites of the course you wish to take

If you were a Fresno State student who was previously disqualified, you may still register for Summer Session courses as long as you meet any course prerequisites.

If you expect to complete degree or credential requirements through Summer Session, you should confirm course applicability with your advisor. Registration in Summer Session does not ensure registration or, or admission to, Fresno State, nor should it be interpreted as acceptance to any degree or credential program. If you are interested in formal admission to Fresno State, contact the office of Admissions, & Records at 559.278.2261.

Advantages of Summer Session

Attending Summer Session allows you to:

- Concentrate on a smaller course load
- Accelerate completion of your degree by taking critical classes between semesters
- Explore new areas of interest without taking time away from your degree program
- Pursue professional development opportunities to improve your career prospects

Registration Information

Course Information

Course descriptions from the University Catalog are included in the Course Schedule beginning on page 7. Although the majority of courses are open for any qualified student, some courses are restricted and require permission from a department office or the instructor for enrollment. The Course Schedule will note courses with restrictions.

Registration

Register early to ensure your place in the class of your choice, as each class has an enrollment limit. Early Registration is from March 21 through May 20, 2016. Early Registration Fees must be paid by May 20, 2016. Students who do not pay fees will be dropped from their classes on May 21, 2016.

Late Registration begins on May 21. Starting on that date, you will need to register and pay your fees within 24 hours. Students who fail to pay fees within 24 hours of registration will be dropped from their courses. Online registration for all courses is available up to and including the class start date. Registration will be allowed through the fourth calendar date after the class start date, but only with a permission number from instructor. You may not register after the first day of class if the class is less than five days long.

You may register online or in person at the Division of Continuing and Global Education. During the regular academic year, the Division is open Monday through Friday, 8:00 am to 5:00 pm. Summer office hours, beginning May 23, are 7:00 am – 3:30 pm. Current Fresno State students may register by logging in to my.fresnostate.edu. New or non-matriculated students should visit www.fresnostate.edu/cge/registration/howtoregister.html for registration instructions.

Course Cancellations

Summer Session courses must meet minimum enrollment levels in order to launch. Courses that do not meet minimum enrollment levels will be cancelled. Enrollment between March 21 and June 1 determines which classes are launched and which are cancelled. Registration will freeze June 2 & 3. During those two days, Continuing and Global Education personnel will work with the course instructors to determine cancellation decisions.

If your course is cancelled, you will receive a full refund of your tuition and course fees. You should NOT wait and see if the course is cancelled prior to enrolling.

Beginning June 4 through the first day of class, additional registrations will be accepted (space permitting) for classes that are slated to launch. During this time period, you will be required to pay registration fees within 24 hours of enrolling.

Tuition and Course Fees

The California State University system and Fresno State make every effort to keep student costs to a minimum. The California State University and Fresno State must reserve the right, even after initial payments are made, to increase or modify any listed fees, without notice; we also reserve the right to correct errors in marketing documents. All listed fees should be regarded as estimates that are subject to change.

For Undergraduate courses, the per unit fee is \$315. For Graduate courses, the per unit fee is \$386. The tuition fee for each individual course is listed in the Course Schedule.

Some courses have additional fees for lab materials or other required items. Additional course fees are listed in the Course Schedule.

By paying your tuition and course fees, you will hold a seat in the class.

Summer Session 2016 General Information

How to Pay

You may pay your Summer Session fees in one of three ways. Please indicate that you are making a "Payment – Continuing and Global."

- Online: You may submit a payment through your MyFresnoState account after registering for the course. You may pay with an "E-Pay" Electronic check or Fresno State Choice Card without incurring any service charges. Credit card payments are accepted if you have a Visa, MasterCard, American Express, or Discover card. A 2.75% service charge applies to online credit card payments. You may also use an International Foreign Transfer (IFT). The IFT service charge depends on foreign currency rates.
- By mail: Checks, cashier's check, or money orders (only) may be mailed to:

California State University, Fresno
Cashiering Services - Joyal Administration Building
5150 N. Maple Avenue, JA 58
Fresno, CA 93740-0826

The University is NOT responsible for delayed or lost mail. Payment must be made payable to California State University, Fresno. The following information needs to be included on the face of the check, cashier's check, or money order: student's first and last name, Fresno State ID number, and a description of the fee that is being paid.

- In person: cash, checks, cashier's checks, money orders, and VISA/MasterCard are accepted at the Cashiering Services windows in the south lobby of the Joyal Administration Building. Payment must be made payable to California State University, Fresno. If paying by VISA/MasterCard, the cardholder must present the credit card and proper identification (e.g. valid driver's license, passport, etc.).

Check Conversion Notice -- Effective July 18, 2011

When you provide a personal check as payment, you authorize Accounting Services either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction.

Financial Aid

Financial aid may be available for current Fresno State students who are enrolled in a minimum of six units during the summer. Those six units may be earned in May-June Intersession as well as Summer Session. If you are interested in obtaining financial aid, you will need to pick up a Summer Interest Forms from the Financial Aid Office beginning April 4 and must be submitted by May 6. If you have any questions, please check with the Financial Aid Office at 559.278.2182. The Financial Aid is located at the north lobby windows in the Joyal Building.

Grading Options

Select your choice of grading option— Letter or CR/NC (credit or no credit)— choosing only what is available for your class (verify with department if enrolling in person). The grading option you designate is what will be posted on your permanent transcript, providing that option is available for the course. For classes lasting four or fewer days, changes in Grading Option (including changing to Audit) must be made prior to the class start date. For all other classes, changes in Grading Option (including changing to Audit) must be made no later than Friday of the first week of class.

Forms

The following forms can be found at www.fresnostate.edu/cge/forms

- Registration Form: You may use this form to register for a Summer Session course.
- Program Change/Refund Form: This form will allow you to drop a Summer Session course and/or request a refund of your fees.
- Administrative change form: This form can be used by instructors or department chairs to request that a student be withdrawn from courses. It can also be used to correct student enrollment for Summer Session courses. Students may use the form to audit a class or, with instructor approval, enroll in two classes that have overlapping meeting times.

Wait Lists

Wait lists are available for Summer Session. If you are placed on a wait list, be sure to check your Fresno State email account regularly to find out if you have been moved from the wait list to the class roster. Beginning May 21, fees are due within 24 hours after you are placed on the class roster. You will be dropped for non-payment if your fees are not paid within 24 hours of being placed on the roster.

Drops/Withdrawals/Refunds

Students who fail to attend class may receive a failing grade unless they formally drop the class. You may drop a class online at <https://my.fresnostate.edu>.

No drops are allowed after the fourth calendar day. Students who have a serious and compelling reason and who wish to drop on the fifth calendar day or later may petition to drop with a grade of "W." Pick up a Request for Record Adjustment in the Division of Continuing and Global Education or obtain the form online: <http://www.fresnostate.edu/studentaffairs/are/forms/index.html>. Submit the request to the Admissions, Records and Evaluations Office in the Joyal Building, Room 106.

Students who withdraw prior to the start date of the course can receive a full refund. There is no refund for classes meeting fewer than 5 sessions or lasting fewer than 5 days, once the class has begun. If you withdraw on or after the start date for a class lasting 5 days or more, 65 percent of fees collected can be refunded until the 4th calendar day has elapsed. After the 4th calendar day has elapsed, no refund will be authorized.

To request a refund, complete the Program Change/Refund form (www.fresnostate.edu/cge/forms) and submit it to the Division of Continuing and Global Education. You must submit the Program Change/Refund form to obtain a refund if you drop a class yourself. If your class is cancelled by Continuing and Global Education, you will receive a refund automatically.

Summer Session 2016 General Information

List of Courses

For full information on each course, including descriptions for "T" courses, please see the Course Schedule, beginning on p. 7.

Description	Class No.	Section	Start Date	End Date	Start Time	End Time	Days	Room	Units	Tuition Fee	Course Fee	Online	GE Area	Instructor
ACCT 120A	50020	20	6/13/16	7/20/16	1:00PM	4:30PM	MTW	PB138	4	\$1,260.00	\$0.00			Lin
ACCT 187	50021	20	6/13/16	7/20/16	8:00AM	11:55AM	MW	PB138	3	\$945.00	\$0.00			Patterson
AGBS 120	50023	20	6/13/16	7/1/16	8:00AM	11:00AM	MTWThF	SA026	3	\$945.00	\$0.00			Berends
ANTH 105W	50024	20	6/13/16	8/12/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓	M/I	Mullooly
ANTH 105W	50025	22	6/13/16	8/12/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓	M/I	Mullooly
ANTH 116W	50026	20	6/13/16	8/12/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓	ID	Delcore
ANTH 116W	50027	22	6/13/16	8/12/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓	ID	Delcore
ASCI 194	50019	20	6/13/16	8/12/16	ARR	ARR	ARR	Off campus	3	\$945.00	\$0.00			Perry
BA 105W	50028	20	6/13/16	7/26/16	6:00PM	9:30PM	TTh	PB136	3	\$945.00	\$0.00			Arisian
BIOL 64	50029	20	7/5/16	8/12/16	1:30PM	2:20PM	MTWThF	S2309	3	\$945.00	\$25.00			Khalili
BIOL 64 Lab 1	50030	21	7/5/16	8/12/16	9:00AM	10:50AM	MTWThF	MCL204						Whalen
BIOL 64 Lab 2	50031	23	7/5/16	8/12/16	11:00AM	12:50PM	MTWThF	MCL204						Whalen
BIOL 65	50032	20	7/5/16	8/12/16	1:30PM	3:20PM	MTWThF	PHS102	5	\$1,575.00	\$0.00			Lin
BIOL 65 Lab 1	50033	21	7/5/16	8/12/16	9:00AM	10:50AM	MTWThF	MCL209						Khalili
BIOL 65 Lab 2	50034	23	7/5/16	8/12/16	11:00AM	12:50PM	MTWThF	MCL209						Khalili
CDDS 125	50035	20	6/13/16	7/30/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓		Cavazos
CDDS 139	50036	20	6/13/16	7/1/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓	M/I	Berrett
CE 20	50037	20	6/13/16	8/31/16	9:00AM	12:00PM	MW	EE180	3	\$945.00	\$0.00			Choo
CE 129	50038	21	7/11/16	8/5/16	2:00PM	5:00PM	MWF	EW122	1	\$315.00	\$0.00			Kc
CE 130	50039	20	6/14/16	8/2/16	9:00AM	12:00PM	TTh	EE180	3	\$945.00	\$0.00			Choo
CE 131	50040	20	6/13/16	8/12/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓		Tehrani
CE 191T	50146	20	6/13/16	8/12/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓		Tehrani
CE 191T	50147	22	7/5/16	8/5/16	4:30PM	6:30PM	MTWThF	EE389	3	\$945.00	\$0.00			Pasha
CHEM 1A	50041	20	6/13/16	7/22/16	7:30AM	8:55AM	MTWThF	MCL221	3	\$945.00	\$0.00		B1	Choi
CHEM 1AL Lab	50042	21	6/13/16	7/22/16	9:05M	10:38AM	MTWThF	MCL241	2	\$630.00	\$15.00			
CHEM 1AL Dis	50160	23	6/13/16	7/22/16	10:38AM	11:10AM	MTWThF	MCL241						Choi
CHEM 1B	50043	20	6/14/16	7/22/16	7:10AM	9:00AM	TWThF	IT290	3	\$945.00	\$0.00			Golden
CHEM 1BL	50044	21	6/14/16	7/22/16	9:15AM	1:00PM	TWThF	MCL251	2	\$630.00	\$15.00			Golden
CHEM 3A	50045	20	6/13/16	7/22/16	7:15AM	8:45AM	MTWThF	MCL229	4	\$1,260.00	\$15.00		B1	Donnelly
CHEM 3A Lab	50046	21	6/14/16	7/21/16	9:00AM	12:00PM	TWThF	MCL155						
CHEM 8	50047	20	6/13/16	7/22/16	9:00AM	10:35AM	MTWThF	S2108	3	\$945.00	\$0.00			Brawley
CHEM 105	50048	20	6/13/16	7/25/16	8:00AM	8:50AM	MTWThF	S242	4	\$1,260.00	\$25.00			Person
CHEM 105 Lab	50049	21	6/13/16	7/25/16	9:00AM	11:50AM	MTWThF	S238						
CHEM 128A	50050	20	6/13/16	7/14/16	7:00AM	9:00AM	MTWThF	S145	3	\$945.00	\$0.00			Maitra
CHEM 128B	50051	20	6/13/16	7/14/16	7:00AM	9:00AM	MTWThF	S2309	3	\$945.00	\$0.00			Maitra
CHEM 129A	50052	21	6/13/16	7/13/16	9:15AM	1:15PM	MTWThF	S372	2	\$630.00	\$25.00			Vue
CHEM 129B	50053	21	6/13/16	7/11/16	9:15AM	1:15PM	MTWThF	S370	2	\$630.00	\$25.00			Giula
CHEM 150	50054	20	6/13/16	7/18/16	9:30AM	11:30AM	MTWThF	PHS102	3	\$945.00	\$0.00			Dejean
CHEM 170	50055	20	6/13/16	7/25/16	7:00AM	8:30AM	MTWThF	S141	3	\$945.00	\$0.00		IB	Alawdi
CLAS 160	50056	20	6/13/16	7/11/16	9:00AM	12:00PM	MTWThF	EW111	3	\$945.00	\$0.00		M/I	Torres
CM 4	50057	20	6/13/16	7/22/16	1:00PM	2:12PM	MTWThF	EW101	3	\$945.00	\$0.00			Hyatt
CM 4 Lab	50364	21	6/13/16	7/22/16	2:12PM	4:00PM	MTWThF	EW101						
CM 7S	50168	20	6/13/16	7/22/16	9:00AM	10:00AM	MTWThF	EW101	3	\$945.00	\$0.00			Crack
CM 7S Lab	50172	21	6/13/16	7/22/16	10:00AM	12:00PM	MTWThF	EW101						
COMM 3	50058	20	7/25/16	8/12/16	9:00AM	12:00PM	MTWThF	SA026	3	\$945.00	\$0.00		A1	Moreman
COMM 100	50059	20	6/13/16	7/1/16	1:00PM	4:00PM	MTWThF	SA151	3	\$945.00	\$0.00			Kartch
COMM 163	50060	20	6/13/16	7/1/16	9:00AM	12:00PM	MTWThF	SA151	3	\$945.00	\$0.00			Fraleigh
COMM 164	50061	20	6/13/16	7/1/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓	M/I	Moreman
COUN 180T	50148	20	6/27/16	7/13/16	See p. 13 for meeting dates/times				1	\$315.00	\$0.00			Valencia
COUN 234B	50149	20	6/17/16	6/18/16	See p. 13 for meeting dates/times				1	\$386.00	\$0.00			Valencia
CRIM 100	50062	20	6/13/16	7/11/16	1:00PM	4:15PM	MTWThF	S2209	3	\$945.00	\$0.00			Skravec
CRIM 101	50063	20	6/13/16	7/1/16	9:00AM	12:00PM	MTWThF	S2208	3	\$945.00	\$0.00		ID	Ryan
CRIM 120	50064	20	6/13/16	7/11/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓	ID	English
CRIM 140	50065	20	7/11/16	8/5/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓		James
CRIM 153	50066	20	6/13/16	8/12/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓	ID	Kieckhafer
CRIM 175	50067	20	6/13/16	7/8/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓		James
CRIM 176	50068	20	6/13/16	7/8/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓		Takahashi
CRIM 177	50069	20	7/11/16	8/5/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓		Kikuchi
CSCI 191T	50150	20	6/28/16	8/9/16	See p. 13 for meeting dates/times				3	\$945.00	\$0.00			Li
CSCI 230	50070	20	6/27/16	8/10/16	2:00PM	5:35PM	MW	MC208	3	\$1,158.00	\$0.00			Wilson
DS 123	50071	20	6/14/16	7/26/16	1:00PM	4:30PM	TTh	PB134	3	\$945.00	\$0.00			Taylor
ECE 70	50072	20	6/14/16	8/11/16	3:30PM	5:35PM	TTh	EE374	3	\$945.00	\$0.00			Raesi
ECE 85	50073	20	6/14/16	8/11/16	12:00PM	2:05PM	TTh	EE120	3	\$945.00	\$0.00			Kulhandjian
ECE 90	50074	20	6/14/16	8/11/16	9:00AM	11:05AM	TTh	EE120	3	\$945.00	\$0.00			Kulhandjian
ECE 90 Lab	50075	21	6/14/16	8/11/16	2:30PM	5:20PM	TTh	EE202	1	\$315.00	\$0.00			Kulhandjian
ECE 102	50076	20	6/14/16	8/11/16	9:00AM	11:15AM	TTh	EW110	3	\$945.00	\$0.00			Na
ECE 103	50161	20	6/13/16	8/12/16	12:00PM	2:00PM	MWF	EE281	2	\$630.00	\$0.00			Raesi
ECE 118	50077	20	6/13/16	8/12/16	3:00PM	5:00PM	MWF	EE281	3	\$945.00	\$0.00			Raesi
ECE 191T	50162	21	6/13/16	7/13/16	10:00AM	12:50PM	MW	EE283	1	\$315.00	\$0.00			Elarabi
ECE 240	50163	20	6/13/16	8/12/16	1:00PM	3:00PM	MWF	EE120	3	\$1,158.00	\$0.00			Wang
ECOM 40	50078	20	6/13/16	7/1/16	9:00AM	12:00PM	MTWThF	S2209	3	\$945.00	\$0.00		D3	Avalos-Huerta
ENGL 115W	50164	20	6/13/16	7/1/16	9:00AM	11:50AM	MTWThF	PB106	3	\$945.00	\$0.00			Maldonado
ENGL 160W	50079	20	6/13/16	7/14/16	1:00PM	3:40PM	MTWThF	PB101	4	\$1,260.00	\$0.00			Jenkins
ENGL 174	50166	20	7/11/16	8/4/16	6:00PM	9:00PM	MTWThF	PB105	3	\$945.00	\$0.00		IC	Wein
ENGR 105W	50080	20	6/14/16	7/28/16	9:00AM	12:00PM	TTh	EE188	3	\$945.00	\$0.00			Jenkins
FIN 120	50081	20	6/13/16	7/8/16	8:00AM	12:00PM	MTWThF	PB137	4	\$1,260.00	\$0.00			Jassim

Summer Session 2016 General Information

Description	Class No.	Section	Start Date	End Date	Start Time	End Time	Days	Room	Units	Tuition Fee	Course Fee	Online	GE Area	Instructor
GEOG-4	50084	20	6/13/16	7/22/16	8:00AM	9:45AM	MTWThF	S2107	3	\$945.00	\$0.00		D3	Wang
GEOG 115	50085	20	6/13/16	7/22/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓	IB	Omolayo
GEOG-128	50086	20	6/27/16	7/15/16	8:00AM	11:00AM	MTWThF	MCF208	3	\$945.00	\$0.00		IB	Dangi
HIST 12	50087	20	6/13/16	7/1/16	9:00AM	12:00PM	MTWThF	S2210	3	\$945.00	\$0.00		D1	Skuban
HIST 12	50088	22	7/5/16	7/22/16	9:00AM	12:15PM	MTWThF	S2210	3	\$945.00	\$0.00		D1	Roberts
HIST 20	50090	20	6/13/16	7/1/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00		D3	Vermote
HIST-21	50091	20	6/20/16	7/8/16	8:45AM	12:00PM	MTWThF	MCF204	3	\$945.00	\$0.00		D3	Arvanigian
HIST 186	50092	20	6/13/16	7/1/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓	M/I	Reese
HUM 110	50373	20	7/26/16	8/12/16	5:00PM	9:00PM	MTWThF	SA151	3	\$945.00	\$0.00		IC	Eastin
IAS 108	50093	20	6/13/16	7/1/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓	IC	Morin
IS 130	50094	20	6/13/16	7/25/16	6:00PM	9:45PM	MW	PB134	3	\$945.00	\$0.00			Kwon
IT 20	50095	20	6/13/16	8/12/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓	D3	Mahalik
IT 198W	50096	20	6/13/16	8/12/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓		Mahalik
IT 198W	50097	22	6/13/16	8/12/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓		Nambiar
IT 283	50169	20	6/13/16	8/12/16	ARR	ARR	ARR	DGTCAMP	3	\$1,158.00	\$0.00	✓		Nambiar
LING 10	50098	20	6/13/16	7/1/16	6:00PM	8:50PM	MTWThF	PB103	3	\$945.00	\$0.00		C2	Shekar
LING 130	50099	20	6/13/16	7/22/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓	IC	Burke
LING 132	50100	20	6/13/16	8/12/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓		Birch
MATH 6	50134	20	7/5/16	8/12/16	8:00AM	10:15AM	MTWThF	PB102	4	\$1,260.00	\$0.00			Delcroix
MATH 45	50135	20	7/6/16	8/9/16	8:00AM	9:50AM	MTWThF	PB105	3	\$945.00	\$0.00		B4	Tran
MATH 75	50136	20	6/13/16	7/22/16	12:45PM	3:00PM	MTWThF		4	\$1,260.00	\$0.00		B4	Vega
MATH 76	50132	20	6/27/16	8/4/16	9:00AM	11:40AM	MTWThF	EE108	4	\$1,260.00	\$0.00			Burger
MATH 77	50133	20	6/13/16	7/22/16	8:15AM	10:30AM	MTWThF	S2307	4	\$1,260.00	\$0.00			Wu
MATH-100	50131	20	6/13/16	7/22/16	9:00AM	10:30AM	MTWThF	S2207	3	\$945.00	\$0.00			Tuska
MCJ 1	50101	20	6/13/16	7/1/16	8:50AM	11:50AM	MTWThF	LS163	3	\$945.00	\$0.00		D3	Hays
MUSIC 9	50102	20	6/13/16	7/1/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓	C1	Ishigaki
MUSIC 75	50170	20	6/13/16	7/1/16	9:00AM	12:00PM	MTWThF	M210	3	\$945.00	\$0.00		C1	Karr
MUSIC 187	50103	20	7/18/16	8/5/16	9:00AM	12:00PM	MTWThF	M171	3	\$945.00	\$0.00		IC	VonBerg
MUSIC 187	50171	22	6/13/16	7/1/16	9:00AM	12:00PM	MTWThF	M167	3	\$945.00	\$0.00		IC	Hufft
PH 109	50104	20	6/13/16	7/1/16	10:00AM	1:00PM	MTWThF	MCL229	3	\$945.00	\$0.00			Rahman
PH 131	50105	20	6/13/16	7/1/16	1:00PM	4:00PM	MTWThF	MCL176	3	\$945.00	\$0.00			Thatcher
PH 163	50167	20	7/11/16	7/29/16	9:00AM	12:00PM	MTWThF	MCL176	3	\$945.00	\$0.00			Kotkin-Jaszi
PHIL 120	50106	20	6/13/16	7/1/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓	IC	Fiala
PHIL 133W	50165	20	6/13/16	7/1/16	9:00AM	11:50AM	MTWThF	PB106	3	\$945.00	\$0.00			Maldonado
PHYS 2A	50137	20	6/13/16	7/22/16	8:00AM	9:15AM	MTWThF	MCL162	4	\$1,260.00	\$0.00		B1	Williams
PHYS 2A Lab 1	50138	21	6/13/16	7/20/16	9:30AM	12:40PM	MW	MCL174	0	\$0.00	\$0.00			Lechuga
PHYS 2A Lab 2	50139	23	6/14/16	7/21/16	9:30AM	12:40PM	TTh	MCL174	0	\$0.00	\$0.00			Lechuga
PHYS 2B	50140	20	6/13/16	7/22/16	9:30AM	10:45AM	MTWThF	MCL162	4	\$1,260.00	\$0.00			Williams
PHYS 2B Lab	50141	21	6/13/16	7/20/16	11:00AM	2:10PM	MW	MCL167	0	\$0.00	\$0.00			Andosca
PHYS 4A	50142	20	6/13/16	7/22/16	10:30AM	11:45AM	MTWThF	MCL264	3	\$945.00	\$0.00		B1	McGranaghan
PHYS 4AL Lab	50143	21	6/14/16	7/21/16	12:45PM	3:55PM	TTh	MCL264	1	\$315.00	\$0.00		B1	Lechuga
PHYS 4B	50144	20	6/13/16	7/22/16	8:30AM	9:45AM	MTWThF	MCL258	3	\$945.00	\$0.00			Andosca
PHYS 4BL Lab	50145	21	6/13/16	7/20/16	11:00AM	2:10PM	TTh	MCL167	1	\$315.00	\$0.00			Wagner
PLANT 110W	50107	20	6/14/16	7/14/16	8:00AM	11:50AM	TTh	AG229	3	\$945.00	\$0.00			Hendrickson
PLSI 1	50108	20	6/13/16	8/12/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓	D2	Abosch
PLSI 2	50109	22	7/11/16	7/29/16	9:00AM	12:15PM	MTWThF	MCF204	3	\$945.00	\$0.00		D2	Bryant
PLSI 120	50110	20	6/13/16	7/1/16	10:00AM	1:30PM	MTWThF	ED193	3	\$945.00	\$0.00		M/I	Mardon
PSYCH 120T	50151	20	6/13/16	7/18/16	3:00PM	5:00PM	MTWTh	S2320	4	\$1,260.00	\$0.00			Sharps
PSYCH 121	50111	20	6/13/16	7/18/16	12:00PM	2:50PM	MTWTh	S2320	4	\$1,260.00	\$0.00			Sharps
PSYCH 122	50112	20	6/13/16	7/22/16	ARR	ARR	ARR	DGTCAMP	4	\$1,260.00	\$0.00	✓		Shapiro
PSYCH 124	50113	20	6/13/16	7/18/16	ARR	ARR	ARR	DGTCAMP	4	\$1,260.00	\$0.00	✓		Lachs
PSYCH 128	50154	20	6/13/16	7/22/16	ARR	ARR	ARR	DGTCAMP	4	\$1,260.00	\$0.00	✓		Oswald
PSYCH 143	50155	20	6/13/16	7/22/16	ARR	ARR	ARR	DGTCAMP	4	\$1,260.00	\$0.00	✓		Yockey
PSYCH 150T	50152	20	6/13/16	7/14/16	1:30PM	4:00PM	MTWTh	S2318	3	\$945.00	\$0.00			Botwin
PSYCH 156	50144	20	6/13/16	7/22/16	1:00PM	2:50PM	MTWThF	S2314	4	\$1,260.00	\$0.00			Calderon
PSYCH 182	50115	20	6/13/16	7/18/16	9:00AM	12:00PM	MTWTh	S2318	4	\$1,260.00	\$0.00			Botwin
RA-113	50116	20	6/13/16	8/12/16	9:00AM	11:30AM	TTh	FFS-216A	3	\$945.00	\$0.00			Taylor
RA-192T	50153	20	6/13/16	7/23/16	5:30PM	7:30PM	MW	MCF202	3	\$945.00	\$35.00			Woodcock
RA-192T	50255	22	6/17/16	6/19/16	See p. 22 for meeting dates/times				1	\$315.00	\$0.00			Clifton
REHAB-265	50156	20	6/13/16	8/8/16	ARR	ARR	ARR	DGTCAMP	3	\$1,158.00	\$0.00	✓		Becton
SOC 111	50118	20	7/5/16	7/22/16	9:00AM	12:15PM	MTWThF	FFS 211	3	\$945.00	\$0.00		M/I	Jendian
SOC 130WS	50119	20	6/13/16	7/21/16	1:00PM	4:00PM	TWTh	FFS 211	3	\$945.00	\$0.00			Nkosi
SOC 131	50157	20	6/13/16	8/12/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓	ID	Kubal
SOC 143	50158	20	6/13/16	7/1/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓	ID	Kennedy
WS 120	50159	20	6/13/16	7/1/16	ARR	ARR	ARR	DGTCAMP	3	\$945.00	\$0.00	✓	M/I	Mercado-Lopez

Summer Session 2016 Course Schedule

Accountancy

ACCT 120A - Intermediate Accounting I

Class Number 50020
Monday-Wednesday; 1:00PM – 4:30PM
June 13 – July 20, 2016
PB 138
Instructor: Shu Lin

Prerequisite: grade of B or better in ACCT 4A, or a minimum GPA of 2.5 in ACCT 4A and ACCT 4B; DS 71 or equivalent recommended. Preparation and analysis of balance sheet and income statements; basic accounting theory and conceptual framework underlying financial accounting; theory of current assets; theory of current liabilities; investments; revenue recognition; error correction and principle changes; and a review of applicable authoritative pronouncements.

Units: 4
Tuition Fee: \$1,260.00

ACCT 187 - Accounting Ethics & Professional Responsibilities

Class Number 50021
Monday-Wednesday; 8:00AM – 11:55AM
June 13 – July 20, 2016
PB 138
Instructor: Denise Patterson

Prerequisites: ACCT 120A, ACCT 120B and ACCT 132 with a grade of "C" or better. This course examines the Accountants' ethics and professional responsibilities that are integrated in the various roles an accountant undertakes in the recording and reporting of a business processes and financial information.

Units: 3
Tuition Fee: \$945.00

Anthropology

ANTH 105W - Applied Anthropology

Two Sections Available!

Class Number 50024 (Section 20)
Online Class
June 13 – August 12, 2016
Instructor: James Mullooly

Class Number 50025 (Section 22)
Online Class
June 13 – August 12, 2016
Instructor: James Mullooly

Prerequisite: G.E. Foundation and Breadth Area D, satisfactory completion (C or better) of ENGL 5B or ENGL 10 graduation requirement, to be taken no sooner than the term in which 60 units are completed. Examination and assessment of the use of anthropological data and concepts to address contemporary issues in education, health care, law, environmental planning, and social services. Students work on applied problems and write observations, plans, reports, and research documents geared to the needs of professionals, service providers, and particularly planners in modern institutional contexts. (Formerly ANTH 144W)

Units: 3
GE Area: M/I
Satisfies Upper Division Writing Requirement
Tuition Fee: \$945.00

ANTH 116W - Anthropology of Religion

Two Sections Available!

Class Number 50026 (Section 20)
Online Class
June 13 – August 12, 2016
Instructor: Henry Delcore

Class Number 50027 (Section 22)
Online Class
June 13 – August 12, 2016
Instructor: Henry Delcore

Prerequisites: G.E. Foundation and Breadth Area D, satisfactory completion (C or better) of the ENGL 5B or ENGL 10 graduation requirement, to be taken no sooner than the term in which 60 units are completed. Examines the patterned belief systems of the world's tribal, peasant, and sectarian societies. Stresses the role of religion in individual and group perception, cognition, ritual, and social organization. Topics include myth, magic, shamanism, mysticism, witchcraft, trance, hallucinogens, and cultism. Meets the upper-division writing skills requirement for graduation. G.E. Integration ID. (Formerly ANTH 150W)

Units: 3
GE Area: ID
Satisfies Upper Division Writing Requirement
Tuition Fee: \$945.00

Agricultural Business

AGBS 120 - Agribusiness Management

Class Number 50023
Monday-Friday; 8:00AM – 11:00AM
June 13 – July 1, 2016
SA026
Instructor: Patrick Berends

Prerequisite: AGBS 1. Organizational forms and management functions of agribusiness firms; human resource management systems; management science principles for optimizing plant location, equipment replacement, inventory control, and sales volume; operations research techniques, including probability-based network and decision models, for solving agribusiness problems.

Units: 3
Tuition Fee: \$945.00

Animal Sciences

ASCI 194 - Agricultural Internship

Class Number 50019
(course meetings arranged by instructor)
June 13 – August 12, 2016
OFF CAMPUS
Instructor: Randy Perry
(permission number required to enroll; contact department)

Prerequisites: junior or senior standing and approval of internship committee. This course to be used by students doing off-campus, industry-related internships only. Emphasis on development of decision-making ability through industrial experience integrated with basic principles acquired in the classroom. CR/NC grading only.

Units: 3
Tuition Fee: \$945.00

Summer Session 2016 Course Schedule

Business Administration

BA 105W - Business Communication

Class Number 50028
Tuesday/Thursday; 6:00PM – 9:30PM
June 13 – July 26, 2016
PB 136
Instructor: Nazik Arisian

Prerequisites: satisfactory completion (C or better) of the ENGL 5B or ENGL 10 graduation requirement or approved equivalent, and junior standing. Business communication theory; analysis of communication alternatives; effective business writing and speaking; case studies. Meets the upper-division writing skills requirement for graduation.

Units: 3
Tuition Fee: \$945.00
Satisfied Upper Division Writing Requirement

Biology

BIOL 64 - Functional Human Anatomy

Class Number 50029 (Lecture)
Monday-Friday; 1:30PM – 2:20PM
July 5 – August 12, 2016
S2 309
Instructor: Setareh Khalili
(*permission number required to enroll; contact instructor*)

Class Number 50030 (Lab #1)
Monday-Friday; 9:00AM – 10:50AM
July 5 – August 12, 2016
MCL 204
Instructor: William Whalen

Class Number 50031 (Lab #2)
Monday-Friday; 11:00AM – 12:50PM
July 5 – August 12, 2016
MCL 204
Instructor: William Whalen

Not open to students with credit in BIOL 33. Primarily for students in the health related and biological professions. The life continuum from conception to death. A systems approach to the gross and microscopic structures of the human body. (2 lecture, 3 lab hours) (Formerly PHYAN 64)

Units: 3
Tuition Fee: \$945.00
Course Fee: \$25.00

BIOL 65 - Human Physiology

Class Number 50032 (Lecture)
Monday-Friday; 1:30PM – 3:20PM
July 5 – August 12, 2016
PHS 102
Instructor: Joseph Lin
(*permission number required to enroll; contact instructor*)

Class Number 50033 (Lab #1)
Monday-Friday; 9:00AM – 10:50AM
July 5 – August 12, 2016
MCL 209
Instructor: Setareh Khalili

Class Number 50034 (Lab #2)
Monday-Friday; 11:00AM – 12:50PM
July 5 – August 12, 2016
MCL 209
Instructor: Setareh Khalili

Not open to students with credit in BIOL 33. College chemistry and human anatomy recommended. Homeostasis in the human body; how organ systems function to maintain life; dynamic and adaptive systems at the molecular, cellular, and organ level. (4 lecture, 3 lab hours) (Formerly PHYAN 65)

Units: 5
Tuition Fee: \$1,575.00

Communicative Disorders & Deaf Studies

CDDS 125 - Audiometry & Audiology for School Nurses

Class Number 50035
Online Class
June 13 – July 30, 2016
Instructor: Cynthia Cavazos
(*permission number required to enroll; contact instructor*)

Prepares students in obtaining certification as a School Audiometrist. Provides an introduction to the profession of Audiology, hearing loss and its medical aspects, the components of a hearing conservation program, basic assessment and management, and the fundamentals of interpretation.

Units: 3
Tuition Fee: \$945.00

CDDS 139 - Deaf Culture

Class Number 50036
Online Class
June 13 – July 1, 2016
Instructor: Bryan Berrett

Prepares students in obtaining certification as a School Audiometrist. Provides an introduction to the profession of Audiology, hearing loss and its medical aspects, the components of a hearing conservation program, basic assessment and management, and the fundamentals of interpretation.

Units: 3
GE Area: M/I
Tuition Fee: \$945.00

Summer Session 2016 Course Schedule

Civil Engineering

CE 20 – Engineering Mechanics: Statics

This course has been cancelled.

CE 129 – Engineering Hydraulics Lab

Class Number 50038
Monday/Wednesday/Friday; 2:00PM – 5:00PM
July 11 – August 5, 2016
EW 122
Instructor: Bijay Kc

Prerequisite: CE 128 or concurrently. Experiments and demonstrations in fluid properties, flow management, pipe flow, open channel flow, pumps, and hydraulic scour. (3 lab hours)

Units: 1
Tuition Fee: \$315.00

CE 130 – Theory of Structures

Class Number 50039
Tuesday/Thursday; 9:00AM – 12:00PM
June 14 – August 2, 2016
EE 180
Instructor: Ching Choo

Prerequisite: CE 121. Trusses and frames analyzed by algebraic and graphic procedures; influence lines and live loading analysis; rigid frames analyzed by slope deflection and moment distribution. Introduction to matrix methods. FS

Units: 3
Tuition Fee: \$945.00

CE 131 – Intermediate Theory of Structures

This course has been cancelled.

CE 191T – Sustainable Agricultural Infrastructures

This course has been cancelled.

CE 191T – Essential Tools in Water Resource Engineering

Class Number 50147 (Section 22)
Monday-Friday; 4:30PM – 6:30PM
July 5 – August 5, 2016
Instructor: Fayzul Pasha

This course is designed to enable students to learn engineering tools in the fields of civil and water resources engineering. Students will learn how to develop hydrologic and hydraulic models to analyze and design different hydraulic structures. The hydraulic structures include but not limited to levees, dams, channels, storm drains, culverts, and other flood control facilities. To develop the hydrologic and hydraulic models, students will be familiarized with different sources of geospatial, hydraulics, and hydrologic datasets. The software package that will be taught includes but not limited to HEC-1 and HEC-HMS, HEC-2 and HEC-RAS, HEC-SSP, and CulvertMaster. Hydrologic modeling software HEC-1 and HEC-HMS will be used for rainfall-runoff analysis. Hydraulic software HEC-2 and HEC-RAS will be used for river system analysis. HEC-SSP will be used for statistical analysis of time series data for flood frequency study and CulvertMaster will be used for the analysis of culvert hydraulics. To develop geo-referenced hydraulic model, ArcGIS software tool will be introduced and HEC-GeoRAS will be taught.

Units: 3
Tuition Fee: \$945.00

Chemistry

CHEM 1A – General Chemistry 1A

Class Number 50041
Monday-Friday; 7:30AM – 8:55AM
June 13 – July 22, 2016
MCL 221
Instructor: JaiPil Choi

Prerequisites: High school chemistry. Pre or co-requisites: G.E. Foundation B4 and CHEM 1AL. Not open to students with credit in CHEM 1B. Fundamental principles of chemistry such as chemical bonding and structure, stoichiometry, thermochemistry, oxidation-reductions, and states of matter. G.E. Breadth B1 with CHEM 1AL. (3 lecture hours) (CAN CHEM 2 with CHEM 1AL)

Units: 3
GE Area: B1
Tuition Fee: \$945.00

CHEM 1AL – General Chemistry 1A Lab

Class Number 50042 (Section 21; Lab Component)
Monday-Friday; 9:05AM – 10:38AM
June 13 – July 22, 2016
MCL 241
Instructor: JaiPil Choi

Class Number 50160 (Section 23; Discussion Component)
Monday-Friday; 10:38AM – 11:10AM
June 13 – July 22, 2016
MCL 241
Instructor: JaiPil Choi

Pre or Co-requisite: CHEM 1A. Introduction to laboratory methods in general chemistry. G.E. Breadth B1 with CHEM 1A. (3 lab and 1 discussion hours) (CAN CHEM 2 with CHEM 1A)

Units: 2
Tuition Fee: \$630.00
Course Fee: \$15.00

Summer Session 2016 Course Schedule

CHEM 1B - General Chemistry 1B

Class Number 50043
Tuesday-Friday; 7:10AM – 9:00AM
June 14 – July 22, 2016
IT290
Instructor: Melissa Golden

Prerequisite: CHEM 1A and 1AL with grades of C or better. Pre or co-requisite: CHEM 1BL. Acid-base theory; chemical kinetics; equilibrium (acid-base, hydrolysis, and solubility); thermodynamics, electrochemistry; selected topics in nuclear chemistry, coordination chemistry, and/or chemistry of selected groups. (3 lecture hours)

Units: 3
Tuition Fee: \$945.00

CHEM 1BL - General Chemistry 1B Lab

Class Number 50044
Tuesday-Friday; 9:15AM – 1:00PM
June 14 – July 22, 2016
MCL 251
Instructor: Melissa Golden

Pre or Co-requisite: CHEM 1B. Introduction to laboratory methods in general chemistry. (6 lab hours) (CAN CHEM 4 with CHEM 1B)

Units: 2
Tuition Fee: \$630.00
Course Fee: \$15.00

CHEM 3A - Introductory General Chemistry

Class Number 50045 (Section 20; Lecture Component)
Monday-Friday; 7:15AM – 8:45AM
June 13 – July 22, 2016
MCL 229
Instructor: Dermot Donnelly

Class Number 50046 (Section 21; Lab Component)
Tuesday-Thursday; 9:00AM – 12:00PM
June 14 – July 21, 2016
MCL 155
Instructor: Dermot Donnelly

Prerequisite or co-requisite: G.E. Foundation B4. No credit for CHEM 3A after CHEM 1A. High school chemistry recommended. For applied science and nonscience majors. Composition of matter and physical and chemical changes; fundamental laws and principles; atomic and molecular structure; acid-base theory, redox and equilibria; qualitative and quantitative theory and techniques. G.E. Breadth B1*

Units: 4
GE Area: B1
Tuition Fee: \$1,260.00
Course Fee: \$15.00

CHEM 8 - Elementary Organic Chemistry

Class Number 50047
Monday-Friday; 9:00AM – 10:35AM
June 13 – July 22, 2016
S2 108
Instructor: Jhonnathan Brawley

Not open to chemistry majors. Recommended for students requiring a one-semester course in the field. Prerequisite: CHEM 1A or CHEM 3A. Lectures, discussions, and demonstrations of fundamental principles; structure and chemical behavior of organic compounds.

Units: 3
Tuition Fee: \$945.00

CHEM 105 - Quantitative Analysis Lab

This course has been cancelled.

CHEM 128A - Organic Chemistry

Class Number 50050
Monday-Friday; 7:00AM – 9:00AM
June 13 – July 14, 2016
S 145
Instructor: Kalyani Maitra

For chemistry majors; recommended for premedical students and other science majors. CHEM 128A not open for credit to students with credit in CHEM 8. Prerequisites: CHEM 1B with a grade of C or better or permission of the instructor; for CHEM 128B: CHEM 128A with a grade of C or better. Introduction to structure and reactivity of principal classes of organic compounds with emphasis on theory and mechanism.

Units: 3
Tuition Fee: \$945.00

CHEM 128B - Organic Chemistry

Class Number 50051
Monday-Friday; 7:00AM – 9:00AM
June 13 – July 14, 2016
S2 309
Instructor: Santanu Maitra

For chemistry majors; recommended for premedical students and other science majors. CHEM 128A not open for credit to students with credit in CHEM 8. Prerequisites: CHEM 1B; for CHEM 128B: CHEM 128A with a grade of C or better. Introduction to structure and reactivity of principal classes of organic compounds with emphasis on theory and mechanism.

Units: 3
Tuition Fee: \$945.00

CHEM 129A - Organic Chemistry Lab

Class Number 50052
Monday-Friday; 9:15AM – 1:15PM
June 13 – July 13, 2016
S 372
Instructor: Bao Vue

Prerequisites or corequisites: CHEM 128A (for CHEM 129A); CHEM 128B and CHEM 129A (for CHEM 129B). Laboratory study of the methods, techniques, syntheses, and instrumentation or representative classes of organic compounds; introduction to research techniques by way of independent projects; introduction to qualitative organic analysis. (6 lab hours)

Units: 2
Tuition Fee: \$630.00
Course Fee: \$25.00

Summer Session 2016 Course Schedule

CHEM 129B - Organic Chemistry Lab

Class Number 50053
Monday-Friday; 9:15AM – 1:15PM
June 13 – July 13, 2016
S 370
Instructor: James Ciula

Prerequisites or corequisites: CHEM 128A (for CHEM 129A); CHEM 128B and CHEM 129A (for CHEM 129B). Laboratory study of the methods, techniques, syntheses, and instrumentation or representative classes of organic compounds; introduction to research techniques by way of independent projects; introduction to qualitative organic analysis.

Units: 2
Tuition Fee: \$630.00
Course Fee: \$25.00

CHEM 150 - General Biochemistry

Class Number 50054
Monday-Thursday; 9:30AM – 11:30AM
June 13 – July 18, 2016
PHS 102
Instructor: Laurent Dejean

Prerequisite: CHEM 8, or CHEM 128A and CHEM 128B. (CHEM 150 and CHEM153 together constitute a year sequence.) Chemistry and metabolism of basic cellular constituents including carbohydrates, lipids, proteins, and nucleic acids.

Units: 3
Tuition Fee: \$945.00

CHEM 170 - Chemistry Marketplace

Class Number 50055
Monday-Friday; 7:00AM – 8:30AM
June 13 – July 25, 2016
S 141
Instructor: Hafez Alawdi

Not open to chemistry majors. Prerequisites: completion of General Education Quantitative Reasoning and Area B2 Breadth requirements. The impact of chemistry and chemicals on society and individual lives. (3 lecture hours)

Units: 3
GE Area: IB
Tuition Fee: \$945.00

Chicano and Latin American Studies

CLAS 160 - Sex, Race, & Class in American Society

This course has been cancelled.

Construction Management

CM 4 - Construction Graphics

This course has been cancelled.

CM 7S - Construction Materials & Basic Building Systems

This course has been cancelled.

Communication

COMM 3 - Fundamentals of Public Communication

Class Number 50058
Monday-Friday; 9:00AM – 12:00PM
July 25 – August 12, 2016
SA 026
Instructor: Shane Moreman

Theories of human communication and their function in contemporary public settings; experiences designed to enhance fundamental communication skills -- research, organization, reasoning, listening, and problem solving -- through a series of oral presentations.

Units: 3
GE Area: A1
Tuition Fee: \$945.00

Summer Session 2016 Course Schedule

COMM 100 - Theories of Human Communication

Class Number 50059
Monday-Friday; 1:00PM – 4:00PM
June 13 – July 1, 2016
SA 151
Instructor: Falon Kartch

Survey of major theories of human communication, philosophical issues, and applications; theories include interpersonal, group, organizational, intercultural, linguistic, and persuasion.

Units: 3
Tuition Fee: \$945.00

COMM 163 - Social Influence & Attitude Change

Class Number 50060
Monday-Friday; 9:00AM – 12:00PM
June 13 – July 1, 2016
SA 151
Instructor: Douglas Fraleigh

Seminar on the nature and effects of social influence, with special emphasis on attitude formation and change, conformity, behavior, "brain washing," prejudice, and propaganda as functions of communication.

Units: 3
Tuition Fee: \$945.00

COMM 164 - Intercultural Communication

Class Number 50061
Online Class
June 13 – July 1, 2016
Instructor: Shane Moreman

Prerequisites: G.E. Foundation and Breadth Area D. Analysis of cultural variables and factors in the communication process and strategies for the resolution of intercultural problems; consideration of implications for education and programs necessarily involving intercultural communication.

Units: 3
GE Area: M/I
Tuition Fee: \$945.00

Counselor Education

COUN 180T - APA Writing

Class Number 50148
Class meets on the following dates from 5:00PM – 8:00PM:
Monday-Wednesday ; June 27 – 29, 2016
Monday & Wednesday; July 11 & 13, 2016
ED 193
Instructor: Albert Valencia

This course is intended for future COUN 298 students. Students will become familiar with the style and format of writing from the American Psychological Association (6th edition) by drafting, to the best of their ability, a copy of their research project. If they are able, they will continue onward to the start of their review of the literature, which is chapter two. They will finish all five chapters in their COUN 298 research project class.

Units: 1
Tuition Fee: \$315.00

COUN 234B - Contemporary Issues in Counseling: Violence in Intimate Relationships

Class Number 50149
Class meets on the following dates:
Friday, June 17; 4:00PM – 10:00PM
Saturday, June 18; 8:00AM – 5:00PM
SA 151
Instructor: Albert Valencia

Provides an overview of the sociological, systematic, clinical, and treatment aspects of violence in intimate relationships. Emphasis on assessment and intervention issues for individuals, couples, and families. Course meets BBS requirements for domestic violence training.

Units: 1
Tuition Fee: \$386.00

Criminology

CRIM 100 - Criminology

This course has been cancelled.

CRIM 101 - Crime & Violence in America

Class Number 50063
Monday-Friday; 9:00AM – 12:00PM
June 13 – July 1, 2016
S2 208
Instructor: Kenneth Ryan

Prerequisites: G.E. Foundation and Breadth Area D. Introduces students to types of crime and violence in America within a sociological, cultural, economic, and political context. Emphasis on methodological approaches to crime measurement. Looks at how crime and violence impacts individuals and their environment.

Units: 3
GE Area: ID
Tuition Fee: \$945.00

CRIM 120 - Juvenile Delinquency in America

Class Number 50064
Online Class
June 13 – July 11, 2016
Instructor: Peter English

The problem of juvenile delinquency; portrait of delinquency; causal factors; agencies of justice; treatment process; programs for control and prevention.

Units: 3
GE Area: ID
Tuition Fee: \$945.00

Summer Session 2016 Course Schedule

CRIM 140 - Family Violence

Class Number 50065
Online Class
July 11 – August 5, 2016
Instructor: Chadley James

Typology and history of family abuse, including: legal guidelines; treatment approaches; emotional abuse; sexual abuse; spousal abuse; elderly abuse; and child abuse as a criminogenic factor.

Units: 3
Tuition Fee: \$945.00

CRIM 153 - Psychology of Crime

Class Number 50066
Online Class
June 13 – August 12, 2016
Instructor: Jenna Kieckhafer

Prerequisites: G.E. Foundation and Breadth Area D. Explores the psychological bases of criminal behavior as they relate to the biology of criminality, as well as to the numerous and varied contributions from cultural economic, and geographic aspects of the social environment.

Units: 3
GE Area: ID
Tuition Fee: \$945.00

CRIM 175 - Victimology

Class Number 50067
Online Class
June 13 – July 8, 2016
Instructor: Chadley James

Major theoretical issues and debates in victimology. Victim blaming and defending, research and victim statistics, legal and policy dilemmas, bureaucratic responses to victims, and evaluation of victim compensation and restitution.

Units: 3
Tuition Fee: \$945.00

CRIM 176 - Victim Services

Class Number 50068
Online Class
June 13 – July 8, 2016
Instructor: Yoshiko Takahashi

Survey of community services for victims. Focus on victim services as a new subsystem. Theoretical, social, and legal issues that affect delivery of victim services.

Units: 3
Tuition Fee: \$945.00

CRIM 177 - Legal Policy in Victim Services

Class Number 50069
Online Class
July 11 – August 5, 2016
Instructor: George Kikuchi

Analysis of legislation and specific legal policies regarding victim services. Victim rights, the process of changing attitudes, and current laws will be a major focus.

Units: 3
Tuition Fee: \$945.00

Computer Science

CSCI 191T - Information Security

Class Number 50150
Tuesday/Thursday; 9:00AM – 11:15AM
June 28 – August 9, 2016
S2 206
Instructor: Ming Li

Activity Component
Tuesday/Thursday; 11:30AM – 12:20PM
June 28 – August 9, 2016
MCF 201
Instructor: Ming Li

Students will explore both theoretical foundation and practical issues in the broad area of information theory and their applications.

Units: 3
Tuition Fee: \$945.00

CSCI 230 - Advanced Web Application Development

This course has been cancelled.

Decision Sciences

DS 123 - Statistical Analysis II

Class Number 50071
Tuesday/Thursday; 1:00PM – 4:30PM
June 14 – July 26, 2016
PB 134
Instructor: James Taylor

Prerequisites: DS 71, DS 73, IS 52, IS 52L. Statistical inference as applied to managerial problems and decision making. Emphasizes the inferential process; interval estimation, hypothesis testing, one- and two-way analysis of variance, regression, and correlation.

Units: 3
Tuition Fee: \$945.00

Electrical and Computer Engineering

ECE 70 - Engineering Computations Using C

Class Number 50072
Tuesday/Thursday; 3:30PM – 5:35PM
June 14 – August 11, 2016
EE 374
Instructor: Reza Raeisi

Prerequisites: Students must pass the ELM exam or be exempt from it; students who do not pass the exam must record a grade of C or better in a college-taught intermediate algebra course; trigonometry. Use of C computer languages in engineering analysis and design. A systematic development in program structure, specification, testing, and debugging.

Units: 3
Tuition Fee: \$945.00

Summer Session 2016 Course Schedule

ECE 85 – Digital Logic Design

This course has been cancelled.

ECE 90 – Principles of Electrical Circuits

This course has been cancelled.

ECE 90L – Principles of Electrical Circuits Lab

This course has been cancelled.

ECE 102 – Advanced Circuit Analysis

This class has been cancelled.

ECE 103 – Professional Development Skills

Class Number 50161
Monday/Wednesday/Friday; 12:00PM – 2:00PM
June 13 – August 12, 2016
EE 281
Instructor: Reza Raeisi

Contemporary issues in electrical and computer engineering; ethics in engineering; leadership and professional skills important for a successful career; problem formulation and solving; engineering and the society.

Units: 2
Tuition Fee: \$630.00

ECE 118 – Microprocessor Architecture & Programming

This course has been cancelled.

ECE 191T – Mobile Apps

This course has been cancelled.

ECE 240 – Mobile Apps

Class Number: 50163
Monday/Wednesday/Friday; 1:00PM – 3:00PM
June 13 – August 12, 2016
EE 120
Instructor: Nan Wang

Review of CMOS logic circuits; CMOS circuit analysis; interconnect modeling; dynamic logic; timing and clocking strategies; datapath component design; test and verification strategies; ASIC Design Methodologies.

Units: 3
Tuition Fee: \$1,158.00

Summer Session 2016 Course Schedule

Economics

ECON 40 - Principles of Microeconomics

Class Number 50078
Monday-Friday; 9:00AM – 12:00PM
June 13 – July 1, 2016
S2 209
Instructor: Antonio Avalos-Huerta

Prerequisite: G.E. Foundation A2. Introduction to microeconomic theories of demand, production, and income distribution; price determination and resource allocation, under alternative forms of market organization; government regulation of economic activity; applied economic analysis and policy formation in selected topic areas. (CAN ECON 4)

Units: 3
GE Area: D3
Tuition Fee: \$945.00

English

ENGL 115W - Literature of the New Testament

Class Number: 50164
Monday-Friday; 9:00AM – 11:50AM
June 13 – July 1, 2016
PB 106
Instructor: Robert Maldonado

(ENGL 115W same as PHIL 133W.) Prerequisite: satisfactory completion (C or better) of the ENGL 5B or ENGL 10 graduation requirement. Discussion and close written analyses of selected texts from the New Testament. Meets upper-division writing skills requirement for graduation.

Units: 3
Satisfies Upper Division Writing Requirement
Tuition Fee: \$945.00

ENGL 160W - Writing Workshop

Class Number: 50079
Monday-Friday; 1:00PM – 3:40PM
June 13 – July 14, 2016
PB 101
Instructor: Ruth Jenkins

Prerequisite: satisfactory completion (C or better) of the ENGL 5B or ENGL 10 graduation requirement. Practical assignments in writing, directed according to each student's individual needs. May be elected as preparation for special composition requirements. Does not apply to the English major or minor. Meets the upper-division writing skills requirement for graduation.

Units: 4
Satisfies Upper Division Writing Requirement
Tuition Fee: \$1,260.00

ENGL 174 - Popular Fiction

This course has been cancelled.

Engineering

ENGR 105W - Engineering & Entrepreneurship

Class Number: 50080
Tuesday/Thursday; 9:00AM – 12:00PM
June 14 – July 28, 2016
EE 188
Instructor: Michael Jenkins

Prerequisites: Satisfactory completion of ENGL 1, junior standing. Preparation of resumes, letters of transmittal, technical reports, research proposals, progress reports, business plans, oral presentations, using effective writing techniques, in the process of commercializing a technology/process. Meets upper division writing skills requirement for graduation. Formerly ME 191T.

Units: 3
Satisfies Upper Division Writing Requirement
Tuition Fee: \$945.00

Finance

FIN 120 - Principles of Finance

Class Number: 50081
Monday-Thursday; 8:00AM – 12:00PM
June 13 – July 8, 2016
PB 137
Instructor: Amir Jassim

Prerequisites: ACCT 4A; DS 71; BA 105W or ENGL 160W (BA or ENGL course may be taken concurrently). Introduction to corporate financial management, investments, and financial institutions. Focus on financial policy, analysis, and valuation in a global environment. Topics include capital markets, risk and return, financial planning, capital budgeting, cost of capital, and working capital management.

Units: 4
Tuition Fee: \$1,260.00

Geography

GEOG 4 - World Geography

This class has been cancelled.

GEOG 115 - Violent Weather/Climatic Hazards

Class Number: 50085
Online Class
June 13 – July 22, 2016
Instructor: Aribilola Omolayo

Prerequisite: G.E. Foundation and Breadth Area B. Studies hurricanes, tornadoes, thunderstorms, lightning, destructive winds, heat waves, drought, severe winter storms, and floods. Looks at physical laws and processes that account for their formation and behavior; examines human impact.

Units: 3
GE Area: IB
Tuition Fee: \$945.00

Summer Session 2016 Course Schedule

GEOG 128 - Environmental Pollution

This class has been cancelled

History

HIST 12 - American History from 1877

Two Sections Available!

Class Number 50087 (Section 20)
Monday-Friday; 9:00AM – 12:00PM
June 13 – July 1, 2016
S2 210
Instructor: William Skuban

Class Number 50088 (Section 22)
Monday-Friday; 9:00AM – 12:15PM
July 5 – July 22, 2016
S2 210
Instructor: Kathleen Roberts

Prerequisite: G.E. Foundation A2. Examines the history of the United States from 1877, looking at the significant events from the end of the Civil War to the present, including the role of major ethnic and social groups in the formation of the American nation. (CAN HIST 10)

Units: 3
GE Area: D1
Tuition Fee: \$945.00

HIST 20 - World History I

Class Number 50090
Online Class
June 13 – July 1, 2016
Instructor: Frederik Vermote

The economic, political and social development in world history from the earliest times to modern period (1500).

Units: 3
GE Area: D3
Tuition Fee: \$945.00

HIST 21 - World History II

This class has been cancelled.

HIST 186 - American Immigration & Ethnic History

Class Number: 50092
Online Class
June 13 – July 1, 2016
Instructor: De Anna Reese

Prerequisites: G.E. Foundation and Breadth Area D. Covers America, land of immigrants. American immigration policy, regulations, and implementation. Ethnic formation and heritage retention or loss. Pluralism, assimilation, and national unity: e pluribus unum.

Units: 3
GE Area: M/I
Tuition Fee: \$945.00

Humanities

HUM 110 - Humanities of Republican Rome

Class Number 50373
Monday-Friday; 5:00PM – 9:00PM
July 26 – August 12, 2016
SA 151
Instructor: Kristi Eastin

Prerequisites: G.E. Foundation and Breadth Area C. An examination of the unique cultural environment of the ancient city, its art, architecture, literature, social and political structures, and their interrelationships as manifested during Republican and Imperial Rome.

Units: 3
GE Area: IC
Tuition Fee: \$945.00

Interdisciplinary Art Studies

IAS 108 - Interdisciplinary Art Studies

Class Number 50093
Online Class
June 13 – July 1, 2016
Instructor: Kim Morin

Basic theories and techniques in art education, including interdisciplinary studies in visual art, music, drama, and dance as they apply to the elementary curriculum (GE IC for Liberal Studies majors only).

Units: 3
GE Area: IC
Tuition Fee: \$945.00

Information Systems

IS 130 - Management Information Systems

Class Number 50094
Monday/Wednesday; 6:00PM – 9:45PM
June 13 – July 25, 2016
PB 134
Instructor: Ojung Kwon

Prerequisites: IS 52 and IS 52L or demonstration of computer literacy; ACCT 4A, ACCT 4B; BA 105W or ENGL 160W (may be taken concurrently). Management concepts in the role/administration of information/information system functions in organizations; enhancement of management with computers; management of systems development; planning and budgeting, analysis, design, implementation and operation of computer-based systems; measurement of operating performance.

Units: 3
Tuition Fee: \$945.00

Summer Session 2016 Course Schedule

Industrial Technology

IT 20 - Technology & Society

Class Number 50095
Online Class
June 13 – August 12, 2016
Instructor: Nitaigour Mahalik

Prerequisite: G.E. Foundation A2. Critical relationship between society and technology. Technology, as it applies to contemporary issues such as technology and gender, the fate of skill and labor's power under changing conditions, technology and war, the problem of technocracy, technology and consumer culture, and technological relations to the natural environment.

Units: 3
GE Area: D3
Tuition Fee: \$945.00

IT 198W - Technical Writing

Two Sections Available!

Class Number 50096 (Section 20)
Online Class
June 13 – August 12, 2016
Instructor: Nitaigour Mahalik

Class Number 50097 (Section 22)
Online Class
June 13 – August 12, 2016
Instructor: Arun Nambiar

Prerequisites: satisfactory completion (C or better) of the ENGL 5B or ENGL 10 graduation requirement; to be taken no sooner than the term in which 60 units are completed. Preparation of technical reports, research proposals, specifications, resumes, and correspondence using effective writing techniques, formats, and styles. Meets upper-division writing skills requirement for graduation.

Units: 3
Satisfies Upper Division Writing Requirement
Tuition Fee: \$945.00

IT 283 - Advanced Materials & Processes

Class Number 50169
Online Class
June 13 – August 12, 2016
Instructor: Arun Nambiar

Prerequisite: IT 114. Chemical and physical properties of metals, polymers, ceramics and composites. The atomic structure and phases of matter emphasizing crystalline and amorphous solids. Materials technology of metallic, polymeric, ceramic, and advanced composites are stressed.

Units: 3
Tuition Fee: \$1,158.00

Linguistics

LING 10 - Introduction to Language

Class Number 50098
Monday-Friday; 6:00PM – 8:50PM
June 13 – July 1, 2016
PB 102
Instructor: Chandra Shekar

Prerequisite: G.E. Foundation A2. The study of language - including its nature, structure, use, history, and acquisition - with the goal of imparting (1) an understanding of the importance of language in human affairs, including social and cultural functions and (2) an appreciation of its complexity and diversity.

Units: 3
GE Area: C2
Tuition Fee: \$945.00

LING 130 - Language & Gender

Class Number 50099
Online Class
June 13 – July 22, 2016
Instructor: Laura Burke

Prerequisites: G.E. Foundation and Breadth Area C. A critical examination of the relationship between language and gender; sexism in linguistic structure and oral and written discourse; gender-based variation in linguistic norms and practices in different cultures and social groups; and social, educational, and political implications.

Units: 3
GE Area: IC
Tuition Fee: \$945.00

LING 132 - Linguistics & Reading

Class Number 50100
Online Class
June 13 – August 12, 2016
Instructor: Barbara Birch

The linguistics background necessary for teaching reading in English. The English spelling system; the grammar and vocabulary of written English; preparation and evaluation of materials for teaching reading.

Units: 3
Tuition Fee: \$945.00

Mathematics

MATH 6 - Precalculus

Class Number 50134
Monday-Friday; 8:00AM – 10:15AM
July 5 – August 12, 2016
PB 102
Instructor: Stefaan Delcroix

Prerequisite: students must meet the ELM requirement. Basic algebraic properties of real numbers; linear and quadratic equations and inequalities; functions and graphs; polynomials; exponential and logarithmic functions; analytic trigonometry and functions; conics; sequences and series. (CAN MATH 16)

Units: 4
Tuition Fee: \$1,260.00

Summer Session 2016 Course Schedule

MATH 45 - What Is Mathematics?

Class Number 50135
Monday-Friday; 8:00AM – 9:50AM
July 6 – August 9, 2016
PB 105
Instructor: Khang Tran

Prerequisite: students must meet the ELM requirement. Covers topics from the following areas: (I) The Mathematics of Social Choice; (II) Management Science and Optimization; (III) The Mathematics of Growth and Symmetry; and (IV) Statistics and Probability.

Units: 3
GE Area: B4
Tuition Fee: \$945.00

MATH 75 - Calculus I

Class Number 50136
Monday-Friday; 12:45PM – 3:00PM
June 13 – July 22, 2016
S2 207
Instructor: Oscar Vega

Prerequisites: elementary geometry, intermediate algebra, and trigonometry; or precalculus. Passing score on the department's Calculus Readiness Test required prior to enrollment. In addition, students must meet the ELM requirement. Functions, graphs, limits, continuity, derivatives and applications, definite and indefinite integrals. (CAN MATH 18).

Units: 4
GE Area: B4
Tuition Fee: \$1,260.00

MATH 76 - Calculus II

Class Number 50132
Monday-Thursday; 9:00AM – 11:40AM
June 27 – August 4, 2016
EE 108
Instructor: Lance Burger

Prerequisite: MATH 75 or MATH 75A and B. Techniques and applications of integration, improper integrals, conic sections, polar coordinates, infinite series. (CAN MATH 20).

Units: 4
Tuition Fee: \$1,260.00

MATH 77 - Calculus III

Class Number 50133
Monday-Friday; 8:15AM – 10:30AM
June 13 – July 22, 2016
S2 307
Instructor: Ke Wu

Prerequisite: MATH 76. Vectors, three-dimensional calculus, partial derivatives, multiple integrals, Green's Theorem, Stokes' Theorem. (CAN MATH 22).

Units: 4
Fee: \$1,260.00

MATH 100 - Exploring Math

This class has been cancelled.

Mass Communication and Journalism

MCJ 1 - Mass Communication & Society

Class Number 50101
Monday-Friday; 8:50AM – 11:50AM
June 13 – July 1, 2016
LS 163
Instructor: Betsy Hays

Prerequisite: G.E. Foundation A2. Examines the political, economic, cultural, and behavioral impacts of mass media in national and international contexts. Analyzes the historical factors that have shaped the structures, practices, and products of mass media industries, and assesses contemporary trends in media-society relations.

Units: 3
GE Area: D3
Tuition Fee: \$945.00

Music

MUSIC 9 - Introduction to Music Fundamentals

Class Number 50102
Online Class
June 13 – July 1, 2016
Instructor: Miles Ishigaki

Music theory and aesthetics for the general student. Notation of pitch and rhythm. Reading, playing, and writing melodies with chordal accompaniments. Introduction to computer applications.

Units: 3
GE Area: C1
Tuition Fee: \$945.00

MUSIC 75 - History of Rock and Roll

Class Number 50170
Monday-Friday; 9:00AM – 12:00PM
June 13 – July 1, 2016
M 210
Instructor: John Karr

The History of Rock and Roll and its musical precedents: The music, musical styles and musicians of Rock and Roll, as well as the most important cultural, sociological and philosophical factors that influenced and were influenced by Rock and Roll.

Units: 3
GE Area: C1
Tuition Fee: \$945.00

MUS 187 - Pop Music: Jazz & Rock

Two Sections Available!

Class Number 50103 (Section 20)
Monday-Friday; 9:00AM – 12:00PM
July 18 – August 5, 2016
M 171
Instructor: Craig VonBerg

Class Number 50171 (Section 22)
Monday-Friday; 9:00AM – 12:00PM
June 13 – July 1, 2016
M 167
Instructor: Bradley Hufft

Prerequisites: G.E. Foundation and Breadth Area C. Survey of styles, trends, and the musical and cultural roots of pop music, jazz, and rock in the United States, Great Britain, and the West Indies. Guidelines for listening to and writing about music. G.E. Integration IC.

Units: 3
GE Area: IC
Tuition Fee: \$945.00

Summer Session 2016 Course Schedule

Public Health

PH 109 - Epidemiology of Disease

Class Number 50104
Monday-Friday; 10:00AM – 1:00PM
June 13 – July 1, 2016
MCL 229
Instructor: Mohammad Rahman

Prerequisite: PH 92 or equivalent. Modern concepts and principles of epidemiology; interaction of all agents, host, and environmental factors of communicable and noncommunicable diseases.

Units: 3
Tuition Fee: \$945.00

PH 131 - Principles of Health Education

Class Number 50105
Monday-Friday; 1:00PM – 4:00PM
June 13 – July 1, 2016
MCL 176
Instructor: William Thatcher

Study of the foundations, theories, systems, and principles of health education. Includes an analysis of social, medical, and environmental factors on health-related behaviors.

Units: 3
Tuition Fee: \$945.00

PH 163 - Principles of Health Education

Class Number 50167
Monday-Friday; 9:00AM – 12:00PM
July 11 – July 29, 2016
MCL 176
Instructor: Suzanne Kotkin-Jaszi

Principles of public health administration, fundamentals of organization, and administration in public health.

Units: 3
Tuition Fee: \$945.00

Philosophy

PHIL 120 - Contemporary Conflicts of Morals

Class Number 50106
Online Class
June 13 – July 1, 2016
Instructor: Andrew Fiala

Prerequisites: G.E. Foundation and Breadth Area C. Exploration of moral issues through great works, such as philosophy, novels, dramas, or films. Looks at questions such as, "What is it to be moral? Why be moral? Why care about others? How should scarce resources be distributed? What is integrity?"

Units: 3
GE Area: IC
Tuition Fee: \$945.00

PHIL 133W - Literature of the New Testament

Class Number 50165
Monday-Friday; 9:00AM – 11:50AM
June 13 – July 1, 2016
PB 106
Instructor: Robert Maldonado

(ENGL 115W same as PHIL 133W.) Prerequisite: satisfactory completion (C or better) of the ENGL 5B or ENGL 10 graduation requirement. Discussion and close written analyses of selected texts from the New Testament. Meets upper-division writing skills requirement for graduation.

Units: 3
Satisfies Upper Division Writing Requirement
Tuition Fee: \$945.00

Physics

PHYS 2A - General Physics

Class Number 50137 (Section 20; Lecture)
Monday-Friday; 8:00AM – 9:15AM
June 13 – July 22, 2016
MCL 162
Instructor: Donald Williams

Class Number 50138 (Section 21; Lab #1)
Monday/Wednesday; 9:30AM – 12:40PM
June 13 – July 20, 2016
MCL 174
Instructor: Lawrence Lechuga

Class Number 50139 (Section 23; Lab #2)
Tuesday/Thursday; 9:30AM – 12:40PM
June 14 – July 21, 2016
MCL 174
Instructor: Lawrence Lechuga

Prerequisites: DS 71 or MATH 75 or MATH 70 (or permission to register from department office). Topics and concepts in Newtonian mechanics of point particles and rigid bodies, energy, properties of fluids, heat and thermodynamics, waves and sound. (3 lecture, 3 lab hours) (CAN PHYS 2)

Units: 4
GE Area: B1
Tuition Fee: \$1,260.00

PHYS 2B - General Physics

Class Number 50140 (Section 20; Lecture)
Monday-Friday; 9:30AM – 10:45AM
June 13 – July 22, 2016
MCL 162
Instructor: Donald Williams

Class Number 50141 (Section 21; Lab)
Monday/Wednesday; 11:00AM – 2:10PM
June 13 – July 20, 2016
MCL 167
Instructor: Ryan Andosca

Prerequisite: PHYS 2A. Topics and concepts in light, electricity, magnetism, atomic structure, relativity, quantum nature of light and matter, nuclear structure and radiation. (3 lecture, 3 lab hours) (CAN PHYS 4)

Units: 4
Tuition Fee: \$1,260.00

Summer Session 2016 Course Schedule

PHYS 4A - Mechanics & Wave Motion

Class Number 50142
Monday-Friday; 10:30AM – 11:45AM
June 13 – July 22, 2016
MCL 264
Instructor: Megan McGranaghan

Prerequisite: G.E. Breadth B4; MATH 76 (may be taken concurrently).
Topics in classical Newtonian mechanics including linear and circular motion; energy; linear and angular momentum; systems of particles; rigid body motion; fluids; gravity; wave motion and sound.

Units: 3
GE Area: B1 (when taken with PHYS 4AL)
Tuition Fee: \$945.00

PHYS 4AL - Mechanics & Wave Motion Lab

Class Number 50143
Tuesday/Thursday; 12:45PM – 3:55PM
June 14 – July 21, 2016
MCL 264
Instructor: Lawrence Lechuga

Corequisite: PHYS 4A. Introduction to laboratory methods.
Experiments in mechanics, waves, and sound. (3 lab hours)

Units: 1
GE Area: B1
Tuition Fee: \$315.00

PHYS 4B - Electricity, Magnetism, & Heat

This class has been cancelled.

PHYS 4BL - Electricity, Magnetism, & Heat Lab

This class has been cancelled.

Plant Science

PLANT 110W - Dimensions in Agriculture

Class Number 50107
Tuesday/Thursday; 8:00AM – 11:50AM
June 14 – July 14, 2016
AG 229
Instructor: Jill Hendrickson

Prerequisites: satisfactory completion of the ENGL 5B or ENGL 10 graduation requirement. Current agricultural problems and developments; nature of agricultural industries in a changing world. Interrelationships among agriculture, government, labor, and the public. Meets the upper-division writing skills requirement for graduation.

Units: 3
Satisfies Upper Division Writing Requirement
Tuition Fee: \$945.00

Political Science

PLSI 2 - American Government & Institutions

Two Sections Available!

Class Number: 50108 (Section 20)
Online Class
June 13 – August 12, 2016
Instructor: Yishaiya Abosch

Class Number 50109 (Section 22)
Monday – Friday; 9:00AM – 12:15PM
July 11 – July 29, 2016
MCF 204
Instructor: Lisa Bryant

Prerequisite: G.E. Foundation A2. Meets the United States Constitution requirement and the federal, California state, and local government requirement. Not open to students with credit in PLSI 101. The development and operation of government in the United States; study of how ideas, institutions, laws, and people have constructed and maintained a political order in America. Not available for CR/NC grading. (CAN GOVT 2)

Units: 3
GE Area: D2
Tuition Fee: \$945.00

PLSI 120 - International Politics

Class Number 50110
Monday-Friday; 10:00AM – 1:30PM
June 13 – July 1, 2016
ED 193
Instructor: Russell Mardon

Prerequisites: G.E. Foundation and Breadth Area D. Dynamics of political interactions of nations; nationalism, imperialism and interdependence; national power and diplomacy; types of conflict, including war; peaceful settlement of disputes; current issues involving competing foreign policies, national development, energy, and national liberation movements.

Units: 3
GE Area: M/I
Tuition Fee: \$945.00

Summer Session 2016 Course Schedule

Psychology

PSYCH 120T - Forensic Cognitive Science

Class Number 50151
Monday-Thursday; 3:00PM – 5:00PM
June 13 – July 18, 2016
S2 320
Instructor: Matthew Sharps

This course is intended to acquaint students with a comprehensive view of the psychological principles involved in law enforcement tactical, investigative and courtroom contexts, from the perspective of contemporary experimental psychology and neuroscience. The course will present and review the necessary principles and demonstrate their application to field situations. Material presented will be situated both in current theory and in application to current and developing law enforcement contexts.

Units: 4
Tuition Fee: \$1,260.00

PSYCH 121 - Learning & Memory

Class Number 50111
Monday-Thursday; 12:00PM – 2:50PM
June 13 – July 18, 2016
S2 320
Instructor: Matthew Sharps

Prerequisites: Psychology major or minor status, or permission of instructor. Combined survey of (1) principles from the human and animal laboratory with theoretical interpretations and applications; and (2) principles of operation of the human memory system with theoretical interpretations.

Units: 4
Tuition Fee: \$1,260.00

PSYCH 122 - Motivation

Class Number 50112
Online Class
June 13 – July 22, 2016
Instructor: Martin Shapiro

Psychology Major or Minor status or permission of the instructor. Initiation and continuation of behavior, acquisition, and modification of motives.

Units: 4
Tuition Fee: \$1,260.00

PSYCH 124 - Sensation & Perception

Class Number 50113
Online Class
June 13 – July 18, 2016
Instructor: Lorin Lachs

Prerequisites: Psychology Major or Minor status or permission of instructor. Study of sensory and perceptual processes in vision, touch, and hearing. Emphasis is placed on how basic perceptual principles operate in everyday life as well as in lab settings.

Units: 4
Tuition Fee: \$1,260.00

PSYCH 128 - Cognitive Psychology

Class Number 50154
Online Class
June 13 – July 22, 2016
Instructor: Karl Oswald

Prerequisites: psychology major or minor status or permission of instructor. An introduction to theory and research in human information processing. Topics include attention, memory, neurocognition, mental representation, imagery, problem solving, reasoning, language, and other higher mental processes.

Units: 4
Tuition Fee: \$1,260.00

PSYCH 143 - Intermediate Computer-based Statistical Analysis

Class Number 50155
Online Class
June 13 – July 22, 2016
Instructor: Ronald Yockey

Prerequisites: Psychology Major or Minor or permission of instructor. Intensive study of analysis of variance with research emphasis. Topics include single and multifactor designs both with and without repeated measures, multiple comparisons, trend tests, analysis of covariance and multivariate analysis of variance. (May include lab hours)

Units: 4
Tuition Fee: \$1,260.00

PSYCH 150T - Evolutionary Psychology

This class has been cancelled.

PSYCH 156 - Social Psychology

This class has been cancelled.

PSYCH 182 - History and Systems

Class Number 50115
Monday-Thursday; 9:00AM – 12:00PM
June 13 – July 18, 2016
S2 318
Instructor: Michael Botwin

Prerequisite: Psychology Major or Minor status; senior standing or permission of instructor; 12 upper-division units in the major. Historical, philosophical, and scientific background in psychology; review and integration of theoretical issues and current systems in the field. Lecture and discussion.

Units: 4
Tuition Fee: \$1,260.00

Recreation Administration

RA 113 - Serving At-Risk Youth

This class has been cancelled.

Summer Session 2016 Course Schedule

RA 192T - Planning for Parks & Recreation

This class has been cancelled.

RA 192T - Basic Wilderness Guiding

This class has been cancelled.

Rehabilitation Counseling

REHAB 265 - Introduction to Substance Abuse Rehab

This class has been cancelled.

Sociology

SOC 111 - Sociology of Race & Ethnicity

Class Number 50118
Monday-Friday; 9:00AM – 12:15PM
July 5 – July 22, 2016
FFS 211
Instructor: Matthew Jendian

Prerequisites: G.E. Foundation and Breadth Area D. Dominant and minority group relations historically, cross-culturally, and in contemporary American society. Primarily, the bases examined are in terms of ethnicity-race, religion, nationality, country-of-origin, nativity, and language.

Units: 3
GE Area: M/I
Tuition Fee: \$945.00

SOC 130WS - Contemporary Social Issues

Class Number 50119
Tuesday-Thursday; 1:00PM – 4:00PM
June 13 – July 21, 2016
FFS 211
Instructor: Janine Nkosi

Prerequisites: satisfactory completion (C or better) of the ENGL 5B or ENGL 10 graduation requirement; grade of C or better in SOC 1 or SOC 1S for sociology majors and minors. Currently debated public issues are examined using a sociological perspective. Often, public issues involve present or proposed public policies; the impact of these policies on different segments of society is assessed. Meets upper-division writing skills graduation requirement. S sections include a service-learning requirement

Units: 3
Meets Upper-Division Writing Requirement
Service-Learning Component Included
Tuition Fee: \$945.00

SOC 131 - Sociology of Sex & Gender

Class Number 50157
Online Class
June 13 – August 12, 2016
Instructor: Timothy Kubal

Prerequisites: G.E. Foundation and Breadth Area D. Introduces students to the sociological study of sex and gender. Looks at how men and women experience differently such social structures as work and the economy, family and courtship, and media. Examines the evidence for the persistence of gender differences and their importance.

Units: 3
GE Area: ID
Tuition Fee: \$945.00

SOC 143 - Deviance & Control

Class Number 50158
Online Class
June 13 – July 1, 2016
Instructor: Vera Kennedy

Prerequisites: G.E. Foundation and Breadth Area D. Rule-breaking behavior (such as crime, delinquency, mental illness) and responses to it. Examines deviance as a social phenomenon, its causes and consequences, and formal and informal social control activities.

Units: 3
GE Area: ID
Tuition Fee: \$945.00

Women's Studies

WS 120 - Women of Color in the U.S.

Class Number 50159
Online Class
June 13 – July 1, 2016
Instructor: Larissa Mercado-Lopez

Prerequisites: G.E. Foundation and Breadth Area D. Examines the role and status of U.S. women of color within the larger social structure. Women in varying family structures and cultural settings will be examined, with an emphasis on how social systems shape the roles of women and affect larger U.S. institutions.

Units: 3
GE Area: M/I
Tuition Fee: \$945.00

Summer Session 2016 Resources

Campus Resources

Help Desk

Students may reach the Help Desk by calling 559.278.5000, or through the website at <https://help.fresnostate.edu>. Students who need assistance with Blackboard login may also contact the Help Desk.

Continuing and Global Education

The Division of Continuing and Global Education (CGE) is open Monday through Friday, 8:00 am to 5:00 pm through May 20, 2016. Summer office hours begin on Monday, May 23 and are Monday through Friday from 7:00 am to 3:30 pm. The university is closed on May 30 in observance of Memorial Day. We are located in the Kremen Education Building, Room 130 and we can be reached by calling 559.278.0333.

Textbooks

Beginning June 13 (the first day of Summer Session), textbooks will be available at the Kennel Bookstore on the Fresno State Campus. Information about textbooks is available from the bookstore (www.kennelbookstore.com) or your instructor. Kennel Bookstore summer hours are 7:30 am to 4:00 pm.

Library

The Madden Library will be open Monday through Friday, from 8:00 am to 5:00 pm. The library will be closed on Saturdays, Sundays and on July 4. An active Fresno State ID is required.

Student ID Cards

Students without an active Fresno State ID cards may purchase a Spring/Summer CGE-student ID card for \$5.00. The ID card provides checkout privileges for materials in the library, access to services at the Health Center with a co-pay, and serves as a valid student ID card in the community. Students must first complete their registration; secondly, pay the \$5.00 CGE Student ID card activation fee at the cashier's window in the Joyal Building; after the fee has been posted, (24 hours) students may go to the Bulldog Card Office in Joyal, Room 156 to have their picture taken to obtain their ID card.

Student Health and Counseling Center Services

Student Health and Counseling Center Services will be open June 13-August 12, 2016, Monday through Friday, 7:00 am to 3:30 pm. Minimal services are available from 12:00 noon to 12:30 pm daily. Closed July 4. Students pay \$15 per office visit and must present a valid Student ID card, see above.

Services for Students with Disabilities

Support services are available by calling the Services for Students with Disabilities office at 559.278.2811.

Veterans Services

Information on State and Federal aid to veterans is available by calling Veterans Services, 559.278.7030.

Parking

Parking permits are required for Summer Session. For information go to: <http://www.fresnostate.edu/police/traffic/permits/student.shtml> or call 559.278.2950.

Food Services

For Food Service hours visit: www.auxiliary.com/diningservices

University Student Union

Beginning June 13, the University Student Union will be open Monday through Thursday from 7:00 am until 10:00 pm and Friday through Sunday from 7:00 am until 12:00 midnight. The building will be closed Monday, July 4 in observance of Independence Day.

University Courtyard

Students enrolling in Summer Session may apply online for residence hall housing at www.universitycourtyard.org, by visiting the Atrium Customer Service desk, or by calling 559.278.2345.

Summer Session 2016 Resources

Building Abbreviations

The following building abbreviations can be found on maps and class schedules. An (*) denotes an off-campus location.

AG	Agriculture Building	LUC	Lancaster University Center
AGM	Agriculture Mechanics Building	LS	Laboratory School
APH	Aspen/Ponderosa Residence Hall	*Lyle	Lyles Center for Innovation and Entrepreneurship
*ARM	Armenian Home	M	Music Building
ASP	Animal Science Pavilion	*MAD	Madera Health Department
ATH	Athletic Facility	*MC	Madera Community Hospital
BH	Baker Residence Hall	MCF	McKee-Fisk Building
BEID	Beiden Field	MCL	McLane Hall
*BHVH	Behavior Health Department	*MOSS	Moss Landing
BIRH	Birch Residence Hall	*MRC	Madera Rehab & Conval. Home
BU	Bulldog Stadium	NG	North Gymnasium
CA	Conley Art Building	*OFF	Off Campus
CATI	Calif. Ag. Tech. Institute	PB	Peters Business Building
CATIE	Calif. Ag. Tech. Institute - East	PBAT	Peters Building Annex Trailer
CL	Calif. Dept. of Justice, Fresno Regional Lab	P ED CTR	Peters Education Center
*CC	Clovis Community Hospital	PHL	Post Harvest Lab
*COAL	Coalinga WHCC	HS	Psychology/Human Services Building
*COS	College of the Sequoias	PS	Public Safety Building
*CSU	California State University (other campuses)	*PUB	Public School
*CVIH	Central Valley Indian Health Service	RDF	Residence Dining Facility
CYD	Corporation Yard	RH	Residence Halls Atrium
DGT	Digital Campus	*RIH	Rural Indian Health Services
DP	Downing Planetarium	ROP	Rope Course
DUNC	Duncan Athletic Facility	S	Science Building
ED	Kremen Education Building	S2	Science Building Number 2
EDAX	Education Annex Trailer	SA	Speech Arts Building
EE	Engineering East Building	SAH	Smittcamp Alumni House
ENL	Enology Building	SCH	Sequoia/Cedar Residence Halls
EW	Engineering West Building	*SCLA	Santa Clarita Coll. of Canyons
*FCF	Fresno Covenant Foundation	SFTBL	Softball Diamond
*FCH	Fresno Community Hospital	SG	South Gymnasium
FCMH	Fresno County Mental Health Department	SH	Sycamore Residence Hall
FFS	Family & Food Sciences Building	*SIER	Sierra Hospital
*FHD	Fresno Health Department	*SJG	San Joaquin Gardens Rest Home
*FIH	Fresno Indian Health Department	*SMAR	Santa Maria/Allan Hancock College
FMC	Farm Machinery Center	SMC	Save Mart Center
GH	Graves Residence Hall	SS	Social Science Building
HC	Health Center	SSU	Satellite Student Union
*HCMC	Hanford Community Medical Center	*STA	Saint Agnes Hospital
HH	Homan Residence Hall	*STON	Stone Soup
HMH	Home Management House	STRC	Student Recreation Center
HOPE	Hope Manor	TAD	Thomas Administration Building
HRS	Student Horse Center	*TCH	Tulare County Health Department
*IHS	Indian Health Services	TEN	Spalding Wathen Tennis Courts
IT	Grosse Industrial Technology Building	UBC	University Business Center
JAD	Joyal Administration Building	UC	University Center
*KAIS	Kaiser Hospital	*UMC	University Medical Center
*KAWH	Kaweah Delta Hospital	UHS	University High School
KB	Kennel Bookstore	USU	University Student Union
KCB	Keats Campus Building		
*KCH	Kings County Health Department		
*KVH	Kings View Hospital		
L	Madden Library		
*LEM	Lemoore WHCC		

