



Summer 2017 Courses

Note: Clicking on the REGID will take you to Express Registration (MyWeb)

Last Update: 08/28/2017 8:30 AM

[ACCTG 020 - Financial Accounting 5.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 2**

Prerequisite: ACCTG 101 with C or better, or MATH 111 with P grade

This introductory financial accounting course is designed for transfer students in business, information systems, and/or accounting. Students will study topics which include the accounting cycle, preparation and analysis of financial statements, internal control, depreciation, inventories, receivables, liabilities, stockholders' equity, ethical issues, and accounting as a decision-making tool.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90036	101	Lec	MTWTH	09:00 AM—12:30 PM	06/19/17— 07/27/17	T419	Ferrell, Linda

[ADS 171 - LAADC Pharmacology/Physiology 1.50 Units](#)

Grading: L | **Advisory Level** — **Read: 4** | **Write: 4** | **Math: 0**

Students examine, in-depth, the pharmacological and physiological effects of alcohol and other drugs; physical consequences of chemical dependency; and pharmacological/physiological treatment and recovery strategies. This is one of eight required courses for LAADC (Licensed Advanced Alcohol and Drug Counselor) certification. This course is not transferable and does not meet requirements of the AS Degree in Alcohol and Drug Studies.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90176	101	Online			06/19/17— 07/27/17		Cook, Mary

This is an online class.

[ADS 176 - LAADC Law & Prevention 1.50 Units](#)

Grading: L | **Advisory Level** — **Read: 4** | **Write: 4** | **Math: 0**

Students in this course will learn to examine how the community responds to addiction through alcohol and drug laws, prevention, education, outreach, and referral programs. This is one of six required courses for LAADC (Licensed Advanced Alcohol and Drug Counselor) advanced certification. This course is not transferable and does not meet requirements of the AS Degree in Alcohol and Drug Studies.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89481	101	Online			06/19/17— 07/27/17		Cook, Mary

This is an online class.

[AIRC 138 - Work Experience 8.00V Units](#)

Grading: O | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Corequisite: Be employed or a volunteer at an approved work-site for the minimum number of hours per unit as stipulated for paid and unpaid status.

Work Experience is designed for students who work or volunteer in a field related to their career major. Students are required to provide evidence that they are enrolled in a career program (e.g., education plan or coursework in a career/technical subject area). Students can earn one unit of credit for each 60 hours of unpaid volunteer time or 75 hours of paid work during the semester. Students can repeat Career/Technical Work Experience, combined with General Work Experience, or alone, up to a maximum of 16 units. Internship/job placement is not guaranteed.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89727	101	Work experience			06/19/17— 07/27/17		Cronan, Jonathan

[ART 024 - Beginning Drawing 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math:**

Students are introduced to the fundamental elements and compositional principles of drawing. Lecture and studio practice will emphasize a variety of media, tools, and techniques in studying the elements and principles of drawing, including line, shape, value, perspective, proportion, balance, and unity. The course may include field trips.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89698	101	Lec	MTWTH	10:30 AM—11:45 AM	06/19/17— 07/27/17	A217	Bell, Judith
	101	Lab	MTWTH	11:55 AM—02:45 PM	06/19/17— 07/27/17	A217	Bell, Judith

[ART 046A - Beginning Ceramics I 3.00 Units](#) (Materials Fee: \$25)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math:**

Students study fundamentals of clay construction including hand building techniques, use of the potter's wheel, surface decoration and glazing, and firing. The theories and practices of the ceramic medium and its place in human history and world culture will be covered. Field trips may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89699	101	Lec	MTWTH	01:00 PM—02:15 PM	06/19/17— 07/27/17	A213	McGinley, John
	101	Lab	MTWTH	02:25 PM—05:15 PM	06/19/17— 07/27/17	A118	McGinley, John

[ART 046B - Beginning Ceramics II 3.00 Units](#) (Materials Fee: \$25)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math:**

Prerequisite: ART 046A with C or better

Students continue study of clay construction including hand building, wheel throwing, surface decoration, and firing. Emphasis is on individual aesthetic development and personal expression. Field trips may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89700	101	Lec	MTWTH	01:00 PM—02:15 PM	06/19/17— 07/27/17	A213	McGinley, John
	101	Lab	MTWTH	02:25 PM—05:15 PM	06/19/17— 07/27/17	A118	McGinley, John

[ART 089 - Special Projects in Ceramics 3.00 Units](#) (Materials Fee: \$25)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math:**

Prerequisite: ART 046B with C or better

Students will improve and develop skills in a specialized area of ceramic art. Field trips will be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89701	101	Lec	MTWTH	01:00 PM—02:15 PM	06/19/17— 07/27/17	A213	McGinley, John
	101	Lab	MTWTH	02:25 PM—05:15 PM	06/19/17— 07/27/17	A118	McGinley, John

[ART 092 - Art History-Renaissance to Present 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 4** | **Write: 4** | **Math:**

Students will study Western and Non-Western art history from the Renaissance through the present. Course content emphasizes painting, sculpture, and some architecture from the most important centers of culture, and how art reflects historical occurrences, social, political, and religious attitudes of the time. Comparative analysis of styles and artists with critical evaluation of aesthetics will be included. Topics include Early to High Renaissance, Mannerism, Baroque, Rococo, Romanticism, Impressionism, Post Impressionism, Fauvism, Cubism, Abstract Expressionism, Post Modernism. A field trip may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89702	101	Lec	MTWTH	10:30 AM—12:35 PM	06/19/17— 07/27/17	A112	Connor, Allison

[ART 098 - Directed Study 1.00 Units](#)

Grading: O | **Advisory Level** — **Read: 2** | **Write: 2** | **Math:**

Prerequisite: ART 026, ART 055B, ART 061, ART 076B, ART 079B, ART 084B, ART 095B, or ART 089 with C or better

Individual or small groups of students with previous coursework in the discipline who would benefit from Independent Study under the direction of faculty members in specific or related disciplines may develop individualized learning contracts designed to enhance their individual instructional programs. The students and the faculty member will determine appropriate learning objectives and activities as well as the number of units to be earned. Instructions and the Learning Contract forms are available in the Division office. Repeatable to a maximum of 9 units across all disciplines.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90201	101				06/27/17— 07/27/17		Bell, Judith

[ASTRO 010 - Introduction to Astronomy 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 2**

Students will study astronomical processes related to the structure and origin of the solar system, the Milky Way, the lives of stars, galaxies, and the search for extraterrestrial life. The relationship of these processes to each other and to overarching astronomy concepts, such as the evolution of our universe and the laws of physics will be examined. Major focus includes the impact these processes have on civilization and recent research. The scientific method is illustrated as it relates to analyzing astronomy problems. ASTRO 010 taken with ASTRO 010L meets the lab science requirement for graduation/transfer.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89752	101	Online	MTTH	10:00 AM—12:05 PM	05/30/17— 06/15/17	S213	Smay, Jessica

This is a hybrid class. Part of the class will be taught online. Class runs 5/30/17 to 6/15/17

[BIOL 020 - Human Biology 4.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 2**

This course is intended for students in non-science majors to meet general education laboratory science requirements. The principles of human biology cover all systems of the body including structure and function, diseases, and application of biotechnology.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89753	101	Lec	MTWTH	08:30 AM—10:35 AM	06/19/17— 07/27/17	S130	Sainten, Adrienne
	101	Lab	MTWTH	10:45 AM—12:50 PM	06/19/17— 07/27/17	S130	Sainten, Adrienne

[BIOL 021 - General Biology 4.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 2**

Students will study the general principles and basic concepts of biology. The course includes the characterization of and classification of living systems, the cell, metabolism, development, genetics, evolution, ecology, dissection, and human health and reproduction. This is an introductory course for non-science majors. This course is not designed for biology or related pre-professional majors, except as a prerequisite for other biology courses.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89754	101	Lec	MTWTH	10:45 AM—12:50 PM	06/19/17— 07/27/17	S123	Pal, Gayatri
	101	Lec	MTWTH	10:45 AM—12:50 PM	06/19/17— 07/27/17	S123	Keys, Sherri
	101	Lab	MTWTH	08:30 AM—10:35 AM	06/19/17— 07/27/17	S134	Keys, Sherri
	101	Lab	MTWTH	08:30 AM—10:35 AM	06/19/17— 07/27/17	S134	Pal, Gayatri
89755	102	Lec	MTWTH	10:45 AM—12:50 PM	06/19/17— 07/27/17	S123	Pal, Gayatri
	102	Lec	MTWTH	10:45 AM—12:50 PM	06/19/17— 07/27/17	S123	Keys, Sherri
	102	Lab	MTWTH	01:00 PM—03:05 PM	06/19/17— 07/27/17	S134	Keys, Sherri
	102	Lab	MTWTH	01:00 PM—03:05 PM	06/19/17— 07/27/17	S134	Pal, Gayatri

[BIOL 064 - Marine Biology 4.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 3**

This is a lecture, laboratory, and field course where students will investigate animals, plants, microorganisms, plankton, and human impact on marine ecosystems. In addition, physical factors of the sea, human oceanic history, technology, and uses of the sea will be considered. Mariculture, energy production, and fisheries biology are also addressed in this course. Students will also study special topics on tropical habitats, shark biology, whaling operations, and local marine habitats. These topics are presented through lecture, laboratory, and field investigations. Field trips will be required to locations such as San Francisco Bay and Monterey Bay.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89756	101	Lec	MTWTH	08:30 AM—10:35 AM	06/19/17— 07/27/17	S133	D'Eliscu, Peter
	101	Lab	MTWTH	10:45 AM—12:50 PM	06/19/17— 07/27/17	S133	D'Eliscu, Peter

[BIOL 071 - Human Anatomy 5.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 3**

Prerequisite: BIOL 021, with C or better

Students will study the structure of the human body: identifying its parts and systems, understanding interrelationships between the parts and systems, and making clinical applications. Laboratory activity includes the study of models, dissection of a human cadaver and other selected mammalian organs, and use of the microscope. This course is required for four-year nursing and pre-professional majors such as Occupational Therapy, Physical Therapy, Respiratory Therapy, and Chiropractic.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89757	101	Lec	MTWTH	08:30 AM—09:50 AM	06/12/17— 08/03/17	S126	Stryker, Joel
	101	Lec	MTWTH	08:30 AM—09:50 AM	06/12/17— 08/03/17	S126	Morales, Rey
	101	Lab	MTWTH	10:00 AM—01:05 PM	06/12/17— 08/03/17	S126	Stryker, Joel
	101	Lab	MTWTH	10:00 AM—01:05 PM	06/12/17— 08/03/17	S126	Morales, Rey

This is an 8 week course.

89758	102	Lec	MTWTH	12:25 PM—01:45 PM	06/12/17— 08/03/17	S122	Koppikar, Saneet
	102	Lab	MTWTH	01:55 PM—05:00 PM	06/12/17— 08/03/17	S126	Koppikar, Saneet

This is an 8 week course.

[BIOL 072 - Human Physiology 5.00 Units](#)

Grading: L | **Advisory Level — Read: 3 | Write: 3 | Math: 0**

Prerequisite: BIOL 071 and (CHEM 001A or CHEM 015 or CHEM 030A or CHEM 032A) and MATH 013; all with C or better

Students will explore the different body systems (e.g. nervous, endocrine, muscular, urinary, respiratory, cardiovascular, reproductive) along with cellular physiology and metabolism. Students will also learn to use physiology to help diagnose and treat disease, along with answering questions like: "If you pull someone's heart out of their chest, why does the heart keep beating? Why is 0.9% NaCl often the IV of choice in hospitals? Why is it dangerous to drink too much water too fast? Why do you feel dizzy when you stand up?" This course is required for four-year nursing and pre-professional majors in the health science field.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89759	101	Lec	MTWTH	11:30 AM—12:50 PM	06/12/17— 08/03/17	S203	Taylor, David
	101	Lab	MTWTH	01:00 PM—04:05 PM	06/12/17— 08/03/17	S133	Taylor, David

This is an 8 week course.

[BUS 008 - Business English/Writing 3.00 Units](#)

Grading: L | **Advisory Level — Read: 3 | Write: 3 | Math: 0**

Recommended: BUS 007A and competent use of Microsoft Word and Excel programs

Students determine the content, styles, medium, and audience considerations for business communications. Students will acquire the skills to write successful memorandums, letters, email messages, and reports. The grammar skills acquired in BUS 007A facilitate successful completion of this course. Prior completion of BUS 007A is highly recommended.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90127	101	Online			06/19/17— 07/27/17		Layman, Norma

This is an online class.

[BUS 082 - Introduction to Business 3.00 Units](#)

Grading: L | **Advisory Level — Read: 4 | Write: 4 | Math: 2**

Students are introduced to the business functions and practices as they have developed over time in the U.S. Students will be introduced to topics such as organizational structure and behavior, management, marketing, finance and accounting, operations and information systems, and ethical responsibilities of corporations. Special emphasis will be placed on the emergence and impact of global business, and the significance of small businesses. Underlying many of the topics will be the management aspects of planning organizing, leading and controlling of business units. Finally, the course will cover skills and attributes necessary for successful employment in the various functions of business.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89728	101	Online			06/19/17— 07/27/17		Lahai, Momoh

This is an online class.

[CA 040D - Microsoft Word Level 1 1.00 Units](#)

Grading: L | **Advisory Level — Read: 3 | Write: 3 | Math: 0**

Recommended: Basic touch keyboarding of 25 net words per minute

Students will learn the basics of Microsoft Word including: creating documents; using tables and templates to create resumes and cover letters; creating research papers, newsletters, and merged mailing labels. In addition, students will learn how to use styles, create multilevel lists and charts, and table features. This is a self-paced course.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90025	101	Online			06/19/17— 07/27/17		Branom, Mark

This is an online class.

[CA 045D - Microsoft Word Level 2 1.00 Units](#)

Grading: L | **Advisory Level — Read: 3 | Write: 3 | Math: 0**

Recommended: Basic touch keyboarding of 25 net words per minute

Students learn the expert level features of Microsoft Word including: building documents from reusable content, using markup tools, creating web content, using advanced editing tools, and creating mass mailings. Students also learn about creating standardized forms, managing documents, integrating MS Word with MS PowerPoint, and modifying document components.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90026	101	Online			06/19/17— 07/27/17		Branom, Mark

This is an online class

[CA 050D - Microsoft Excel Level 1 1.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Recommended: Basic touch keyboarding of 25 net words per minute

Students will learn the basic features of Excel to create charts, work with built in mathematical functions, create tables, and manage large worksheets. Students will apply themes and conditional formatting to modify the style of the worksheet as well as save files under different formats. Students will create excel databases as well as sort and filter data. This is a self-paced course.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90027	101	Online			06/19/17— 07/27/17		Branom, Mark

This is an online class.

[CA 055D - Microsoft Excel Level 2 1.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Recommended: Basic touch keyboarding skill of 25 net words a minute and completion of CA 050D is strongly recommended.

Students will use the advanced features of Microsoft Excel to create Pivot Table and Pivot Chart reports, audit worksheets, analyze and summarize data, create macros, and work with visual basic for applications. Students will also import data from other applications, use database statistics, manage workgroup collaboration, and prepare a workbook for final distribution. This is a self-paced course.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90028	101	Online			06/19/17— 07/27/17		Branom, Mark

This is an online class

[CA 060D - MS Access Specialist 1.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Recommended: Basic touch keyboarding of 25 net words per minute

Students use the basic features of Microsoft Access to design databases. They will create database objects such as tables, queries, forms, and reports. Students will import and export data. This is a self-paced course.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90029	101	Online			06/19/17— 07/27/17		Branom, Mark

This is an online class.

[CA 065D - MS Access Expert 1.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Recommended: Basic touch keyboarding of 25 net words per minute and completion of CA 060D strongly recommended

Students will use advanced features of Microsoft Access. They will customize forms and reports, create macros, Pivot Tables/Charts, integrate with other applications, secure databases, and write SQL statements. Students learn to group, and perform summary calculations in reports. They will create main forms and subforms, as well as create reports and sub reports. They will learn to import and export data between Access, Excel, and Word.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90030	101	Online			06/19/17— 07/27/17		Branom, Mark

This is an online class.

[CA 070D - MS PowerPoint Specialist 1.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Recommended: Basic touch keyboarding of 25 net words per minute.

Students will learn the basic features of Microsoft PowerPoint including creating new presentation, formatting, enhancing presentations with animation, video, tables, and charts. Students will also learn to create templates, review, publish, compare, combine, and protect presentations. This is a self-paced course.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90031	101	Online			06/19/17— 07/27/17		Branom, Mark

This is an online class.

[CA 075D - MS PowerPoint Expert 1.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Students will use advanced features of Microsoft PowerPoint. They will apply advanced graphic techniques, insert and embed audio and video, and use tables and pie charts. They will also learn about publishing presentations in other formats. This is a self-paced course.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
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This is an online class

[CHEM 001A - General Chemistry 5.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Prerequisite: CHEM 015 and MATH 013, both with C or better

This course is the first semester of the one year college level general chemistry sequence. Students will study basic chemical principles: classification of matter, atomic structure and periodicity, chemical nomenclature, types of reactions, stoichiometry, thermochemistry, chemical bonds, physical states of matter and solution chemistry. This course is required for students majoring in physical and biological sciences and pre-professional majors, such as pre-medicine and dentistry.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89760	101	Lec	MTWTH	08:30 AM—10:35 AM	06/19/17— 07/27/17	S209	Cabrera, Jose
	101	Lab	MTWTH	10:45 AM—03:00 PM	06/19/17— 07/27/17	S209	Cabrera, Jose
90148	102	Lec	MTWTH	08:30 AM—10:35 AM	06/19/17— 07/27/17	S212	Dipietro, Richard
	102	Lab	MTWTH	10:45 AM—03:00 PM	06/19/17— 07/27/17	S212	Dipietro, Richard

[CHEM 015 - Fundamentals of Chemistry 4.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Prerequisite: MATH 111 with P grade

Recommended: MATH 013 may be taken prior to or concurrent with CHEM 015.

Students are introduced to the fundamentals of modern inorganic chemistry with emphasis on atomic structure, chemical bonding, chemical formulas, nomenclature, equations, stoichiometry, gas laws, solutions, and related topics. The central nature of chemistry among other branches of science is stressed, and examples of the important role that chemistry plays in our lives are presented. CHEM 015 is intended primarily as preparation for the CHEM 001A and 001B sequence. The course also meets the general education requirements for a laboratory science.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89761	101	Lec	MTWTH	09:00 AM—11:05 AM	06/19/17— 07/27/17	S211	Song, John
	101	Lab	MTWTH	11:15 AM—01:20 PM	06/19/17— 07/27/17	S211	Song, John

[CIS 014A - Internet Principles/Protocols 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 3**

Recommended: CIS 041 or CIT 010

Students will study the principles and protocols of the Internet. Students learn methods used to move data from one location to another over the Internet including TCP/IP, Internet security, routing, DHCP, DNS, and VPN.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90035	101	Online			06/19/17— 07/27/17		Sengal, Kidane

This is an online class.

[CIS 017A - Windows 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Recommended: CIS 041 or equivalent strongly recommended

Students acquire skills installing, planning, implementing, configuring and maintaining the Windows operating system. Students are introduced to remote desktop and virtual mode, printing, managing data storage, network services, speech recognition, remote access services, and network monitoring. The course also includes information on virtualization support, backup and data recovery, and managing system reliability and availability.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90034	101	Online			06/19/17— 07/27/17		Sengal, Kidane

This is an online class.

[CIS 041 - Intro to Computer Info Sys 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 2**

Students will learn basic computer concepts with an emphasis on both the personal computer and enterprise computing. Students cover topics including hardware, application and system software, the internet and World Wide Web, communications, e-commerce, societal issues, database management, systems analysis and design, programming, information systems, career opportunities, certifications in the computer field, and computer trends. Student get hands-on practice of introductory level skills in word processing, spreadsheets, database, presentation graphics, and use of the internet. Students will be exposed to a programming language.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89738	101	Lec	MTW	09:00 AM—11:50 AM	06/19/17— 07/26/17	T213	Lundie, Clem
	101	Lab	MTW	12:00 PM—12:50 PM	06/19/17— 07/26/17	T213	Lundie, Clem

[CIS 054 - C/C++ Programming 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 2**

Recommended: CIS 041

Students will study C, a general-purpose programming language, which features brevity of expression, modern control flow and data structures, and a rich set of operators. Students will also study C++, an object oriented programming language that is built using the C language as a base. Students will learn the importance of portability and efficiency through a variety of programming assignments. This course includes application programs and/or systems software.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89746	101	Online			06/19/17— 07/27/17		McElroy, Daniel

This is an online class.

[CIS 106 - Coding Acad: Intro Comp Coding 2.00 Units](#)

Grading: O | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 3**

Prerequisite: Successful completion of the assessment exercises must be done before student can enroll.

In this Coding Academy, students will learn to think algorithmically to create code and to solve programming problems. Utilizing MIT-created instructional videos, SJCC faculty will guide, coach, and assist students in creating code. After students view the MIT lecture videos, faculty will answer questions, assist students with lab assignments, and proctor exams. Enrollment in this class is contingent upon acceptance into the Coding Academy. Interested students will need to contact personnel listed in the schedule of classes. This is the MITx6.00 Introduction to Computer Science course.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90167	101	Lec	T	06:30 PM—07:20 PM	05/16/17— 09/19/17	MIL-TECH	Branom, Mark
	101	Lab	S	10:00 AM—11:50 AM	05/16/17— 09/19/17	MIL-TECH	Ren, Gui
	101	Lab	W	06:30 PM—07:20 PM	05/16/17— 09/19/17	MIL-TECH	Dorairaj, Sanjay
	101	Lab	W	06:30 PM—07:20 PM	05/16/17— 09/19/17	MIL-TECH	Ren, Gui
	101	Lab	S	10:00 AM—11:50 AM	05/16/17— 09/19/17	MIL-TECH	Dorairaj, Sanjay

This class is held offsite at the Milpitas extension: 1450 Escuela Pkwy, Milpitas, CA 95035

[COMS 010 - Interpersonal Communication 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math:**

Recommended: Prior completion of ENGL 001A is highly recommended

Students will study the basic principles of interpersonal communication and their applications. Students will learn to develop better interpersonal effectiveness through communication theory. Topics will include perception, conflict, listening, and non-verbal and computer-mediated communication.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89816	101	Lec	MTWTH	09:00 AM—11:05 AM	06/19/17— 07/27/17	T304	McCallum, Leslyn

[COMS 020 - Oral Communication 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math:**

Recommended: Prior completion of ENGL 001A is highly recommended

Students will acquire theory and technique of public speaking. Students focus on the following basic elements: rhetorical theory, researching, organizing and outlining a topic, analyzing an audience, effective use of language, ethics, effective presentation aids, critical listening, credibility, and physical delivery. Students taking this course online must be able to record and upload audiovisual files.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90104	102	Lec	MTWTH	12:00 PM—02:05 PM	06/19/17— 07/27/17	T210	Lancaster, Christopher

[COMS 035 - Intercultural Communication 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math:**

Recommended: Prior completion of ENGL 001A is highly recommended

Students will study intercultural communication in domestic and global contexts. They will examine the influence of cultures, languages, and social patterns on how members of groups relate among themselves and with members of different cultural groups. They will develop skills for appreciation and comparison of communication among diverse groups within the larger context of U.S.-American culture.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89818	101	Lec	MTWTH	09:00 AM—11:05 AM	06/19/17— 07/27/17	T210	Lancaster, Christopher

[COMS 045 - Small Group Communication 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math:**

Recommended: Prior completion of ENGL 001A is highly recommended

Students will study the principles of communication in a variety of group contexts. They will learn about theories, applications, and the evaluation of group communication processes. Students will acquire skills including problem solving, conflict management, decision making, and leadership.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89819	101	Lec	MTWTH	12:00 PM—02:05 PM	06/19/17— 07/27/17	T304	McCallum, Leslyn

[COS 105 - Cosmetology Profession Skills 11.50 Units](#)

Grading: L | **Advisory Level — Read: 3 | Write: 3 | Math: 0**

Prerequisite: COS 010A and COS 105A both with C or better

Continuing students will attend this advanced course in order to meet the California State Board of Barbering and Cosmetology licensing eligibility requirement of 1600 hours. Students study health and safety standards of the profession of cosmetology. Students apply these standards in the practicum of hair design, hair sculpting (cutting), hair coloring, perm design, shampooing, manicuring, make-up, facials, scalp massage, hair removal by wax and tweezers, hair relaxing, thermal styling, braiding/hair extensions, and spa pedicures.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89739	101	Lec	MTWTHF	08:00 AM—09:35 AM	06/05/17— 08/04/17	T418	Honesto, Sandra
	101	Lec	MTWTHF	08:00 AM—09:35 AM	06/05/17— 08/04/17	T418	Del Rosario-Fontela, Eugenia
	101	Lec	MTWTHF	08:00 AM—09:35 AM	06/05/17— 08/04/17	T418	Banks, Roxie
	101	Lec	MTWTHF	08:00 AM—09:35 AM	06/05/17— 08/04/17	T418	Ramirez-Bost, Carol
	101	Lec	MTWTHF	08:00 AM—09:35 AM	06/05/17— 08/04/17	T418	Nassab, Renza
	101	Lab	MTWTHF	09:45 AM—04:50 PM	06/05/17— 08/04/17	C102	Ramirez-Bost, Carol
	101	Lab	MTWTHF	09:45 AM—04:50 PM	06/05/17— 08/04/17	C102	Banks, Roxie
	101	Lab	MTWTHF	09:45 AM—04:50 PM	06/05/17— 08/04/17	C102	Nassab, Renza
	101	Lab	MTWTHF	09:45 AM—04:50 PM	06/05/17— 08/04/17	C102	Honesto, Sandra
	101	Lab	MTWTHF	09:45 AM—04:50 PM	06/05/17— 08/04/17	C102	Del Rosario-Fontela, Eugenia
89789	102	Lec	MTWTHF	08:00 AM—09:35 AM	06/05/17— 08/04/17	T424	Banks, Roxie
	102	Lec	MTWTHF	08:00 AM—09:35 AM	06/05/17— 08/04/17	T424	Honesto, Sandra
	102	Lec	MTWTHF	08:00 AM—09:35 AM	06/05/17— 08/04/17	T424	Ramirez-Bost, Carol
	102	Lec	MTWTHF	08:00 AM—09:35 AM	06/05/17— 08/04/17	T424	Del Rosario-Fontela, Eugenia
	102	Lec	MTWTHF	08:00 AM—09:35 AM	06/05/17— 08/04/17	T424	Nassab, Renza
	102	Lab	MTWTHF	09:45 AM—04:50 PM	06/05/17— 08/04/17	C102	Banks, Roxie
	102	Lab	MTWTHF	09:45 AM—04:50 PM	06/05/17— 08/04/17	C102	Ramirez-Bost, Carol
	102	Lab	MTWTHF	09:45 AM—04:50 PM	06/05/17— 08/04/17	C102	Honesto, Sandra
	102	Lab	MTWTHF	09:45 AM—04:50 PM	06/05/17— 08/04/17	C102	Del Rosario-Fontela, Eugenia
	102	Lab	MTWTHF	09:45 AM—04:50 PM	06/05/17— 08/04/17	C102	Nassab, Renza

[COS 130C - Trends in Esthetics 2.00 Units](#)

Grading: L | **Advisory Level — Read: 3 | Write: 3 | Math: 2**

Prerequisite: COS 130A with C or better

Students are introduced to the newest techniques and trends in the esthetics industry to increase their competitiveness in the job market. Students develop the skills required to perform these professional services in a salon or spa setting. Theory and practical training includes hair removal methods for face and body, advanced facial message techniques, superficial chemical peels, and body scrubs/ wraps.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89740	101	Lec	MTWTH	09:00 AM—11:50 AM	06/05/17— 06/15/17	C204	Lipilina, Yelena
	101	Lab	MTWTH	12:30 PM—03:20 PM	06/05/17— 06/15/17	C204	Lipilina, Yelena

[DENT 165 - Advanced Dental Assisting 1 0.50 Units](#)

Grading: L | **Advisory Level — Read: 3 | Write: 3 | Math: 0**

Prerequisite: DENT 162 with C or better, and current enrollment in the full-time Dental Assisting Program

Students will apply pit and fissure sealants on patients who have a prescription form signed by a licensed dentist. A written and practical board approved exam will be administered within the course whereupon students who successfully pass with a 75% or higher earn a certificate of completion in Pit and Fissure Sealants. Mandated by the Dental Board of California, this course is an extension of SJCC's RDA program and is not open to non-registered dental assisting students. All students must have a current CPR certificate.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
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90146	103	Lec	W	08:00 AM—12:15 PM	05/31/17— 05/31/17	T513	Stodulka, Jitka
	103	Lab	THFS	08:00 AM—12:15 PM	06/01/17— 06/03/17	T520	Pio, Wendy
	103	Lab	THFS	08:00 AM—12:15 PM	06/01/17— 06/03/17	T520	Stodulka, Jitka
90147	104	Lec	W	12:45 PM—05:00 PM	05/31/17— 05/31/17	T513	Stodulka, Jitka
	104	Lab	THFS	12:45 PM—05:00 PM	06/01/17— 06/03/17	T520	Stodulka, Jitka
	104	Lab	THFS	12:45 PM—05:00 PM	06/01/17— 06/03/17	T520	Pio, Wendy

[DENT 171 - Clinical Dental Assisting 1 2.50 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 1**

Prerequisite: DENT 154 and DENT 155 and DENT 156, all with C or better

Students participate in clinical externships in a general dental office for 100 hours and perform chairside assisting, lab, and business office responsibilities described by the American Dental Association of the Commission on Dental Accreditation and the State Dental Practice Act. In lecture, the student will focus on Dental Law & Ethics guidelines established by the American Dental Association of the Commission on Dental Accreditation, the California Dental Association and Dental Assisting National Board and discuss clinical experiences. This course is designed to focus on preparing the student for the Dental Board of California Law and Ethics Examination and is the first of three externships.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89742	101	Lab			06/05/17— 06/30/17	OFC	Kokoletsos, Jodi
	101	Lab			06/05/17— 06/30/17	OFC	Pio, Wendy
	101	Lec	F	09:00 AM—01:05 PM	06/09/17— 06/09/17	T513	Morgan, Paula
	101	Lec	F	09:00 AM—01:05 PM	06/23/17— 06/23/17	T513	Morgan, Paula

[DENT 173 - Clinical Dental Assisting 3 2.50 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math:**

Prerequisite: DENT 172 with C or better

Students participate for 100 hours in the final clinical externship in a specialty dental office and/or general practice that performs specialty dental treatment to achieve advanced clinical-level skills described by the American Dental Association of the Commission on Dental Accreditation and the State Dental Practice Act. Students are introduced to Substance Use Disorders, diversion programs, and recovery models related to dentistry. Students will also learn how to recognize and report child, elderly and dependent abuse, and domestic violence. They are introduced to the importance of cultural competence and career paths.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89743	101	Lab			06/05/17— 06/30/17	OFC	Kokoletsos, Jodi
	101	Lab			06/05/17— 06/30/17	OFC	Pio, Wendy
	101	Lec	F	09:00 AM—01:05 PM	06/16/17— 06/16/17	T513	Morgan, Paula
	101	Lec	F	09:00 AM—01:05 PM	06/30/17— 06/30/17	T513	Morgan, Paula

[ECE 108 - Health/Safety/Nutrition 3.00 Units](#)

Grading: L | **Advisory Level** — **Read:** | **Write:** | **Math:**

Prerequisite: (ENGL 092 and READ 101) or ESL 091; all with C or better

Students will study health, safety, and nutrition procedures and guidelines for child care providers. The course includes topics on germs and illnesses, daily health inspection skills, health practices, nutrition, food safety, chronic illness, and disaster planning. This course is required for a child care certificate and AS degree in Early Childhood Education.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89703	101	Lec	MW	08:00 AM—12:05 PM	06/19/17— 07/26/17	CET	Ramirez Sharpe, Elizabeth

[ECON 010A - Prin. of Macroeconomic Theory 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 2**

Prerequisite: MATH 111 with P grade

Students are introduced to macroeconomic theory, including the principles of supply and demand, the market and banking systems. They will examine the forces affecting the national economy such as money and credit, income, employment, prices, and monetary and fiscal policies. They will study economic fluctuations including changes in aggregate demand, aggregate supply, employment, inflation, interest rates, and the international value of the dollar to output.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89704	101	Lec	MTWTH	08:00 AM—10:05 AM	06/19/17— 07/27/17	GE125	Trieu, Hung

[ECON 010B - Intro to Microeconomic Theory 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Prerequisite: MATH 111 with P grade

Students are introduced to microeconomic theory including economic behavior of individual economic units such as consumers, firms, and resource owners. They will examine the market system as a means of solving problems in the production and distribution of goods and services in a society. Students analyze the effectiveness of the price system in providing the society with an equitable distribution of goods, services, and income. They will also study microeconomic problems such as monopoly power of big business and big unions, government regulations and consumer protection, the energy crisis, taxes, and welfare.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89705	101	Lec	MTWTH	10:30 AM—12:35 PM	06/19/17— 07/27/17	GE125	Trieu, Hung

[EMS 005 - EMR 1.50 Units](#)

Grading: K | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Prerequisite: Students must be 18+ years at the start of class and have American Heart Association CPR for Healthcare Providers current through the end of class.

Students will study patient assessment, CPR review, splinting, emergency childbirth, and shock and wound management. This course is for non-ambulance professional rescuers who are first to arrive at an emergency medical scene. Students successfully completing this course will receive Emergency Medical Responder Certification and will be eligible to take the National Registry of Emergency Medical Technicians Emergency Medical Responder test.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89808	101	Lec	M	09:00 AM—09:50 AM	06/05/17— 07/26/17	T514	Miller, Scott
	101	Lab	MW	11:00 AM—02:05 PM	06/05/17— 07/26/17	T514	Miller, Scott
89809	102	Lec	M	04:00 PM—04:50 PM	06/05/17— 07/26/17	T514	Miller, Scott
	102	Lab	MW	06:00 PM—09:05 PM	06/05/17— 07/26/17	T514	Miller, Scott

[EMS 006 - EMT-B Refresher 0.50 Units](#)

Grading: K | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 1**

Prerequisite: Current EMT-B California certification with a lapse of no more than 24 months and current American Heart Association Healthcare provider CPR card

Students review the current National Registry EMT-B principles and concepts as well as refresh the skills required of an EMT-B. This EMT-B recertification course is approved by California Emergency Medical Service Authority and Santa Clara County Emergency Medical Services. A current California EMT-B certification with a lapse of less than 24 months is required. Additional Continuing Education Units (CEUs) may be required to meet certification requirements when the EMT-B is lapsed more than 6 months.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90015	101	Lab	T	09:00 AM—03:15 PM	06/06/17— 06/27/17	T515	Miller, Scott

[ENGL 001A - English Composition 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 0** | **Write: 0** | **Math:**

Prerequisite: Continuing students must complete ((ENGL 104 or ENGL 092) and (ENGL 102 or READ 101)) or ESL 091; all with C or better. New students will be placed based on the results of assessment.

Students will learn the skills necessary for writing college level compositions. Students learn expository writing, critical reading, and research techniques. Students will also learn to write academic essays including a documented research paper in conventional format using MLA style. English 001A is the first transfer level English course.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89820	101	Lec	MTWTH	08:00 AM—10:05 AM	06/19/17— 07/27/17	GE205	Torres, Noe
89822	103	Online			06/19/17— 07/27/17		Nestojko, Jennifer
	This is an online class.						
89823	104	Online			06/19/17— 07/27/17		Heimler, Charles
	This is an online class.						
89824	105	Online			06/19/17— 07/27/17		Blair, Michelle
	This is an online class.						
90164	106	Online			06/19/17— 07/27/17		Vetter, Jacquyn
	This is an online class.						

[ENGL 001B - English Composition 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 0** | **Write: 0** | **Math:**

Prerequisite: ENGL 001A with C or better

English 001B is a second semester college composition course. Students will study expository and argumentative writing directed toward an analysis of ideas and concepts from a wide variety of literature. Students will read fiction, drama, poetry, and essays critically reading in these genres for the purpose of writing.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89825	101	Lec	MTWTH	10:15 AM—12:20 PM	06/19/17— 07/27/17	GE205	Torres, Noe

89826	102	Online			06/19/17— 07/27/17		Chapa, Aurelio
This is an online class.							
89827	103	Online			06/19/17— 07/27/17		Chapa, Aurelio
This is an online class.							
89828	104	Online			06/19/17— 07/27/17		Blair, Michelle
This is an online class.							
90150	105	Online			06/19/17— 07/27/17		McGuire, Jennifer
This is an online class.							

[ENGL 001C - Critical Thinking/Composition 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 0** | **Write: 0** | **Math:**

Prerequisite: ENGL 001A with C or better

Students will learn to identify the basic structures of arguments and the ways people use language to fortify or to falsify arguments. This course presents the techniques of critical reasoning and advanced composition. Students will analyze and demonstrate these techniques by writing and critiquing essays. This course is specifically designed to meet the IGETC critical thinking requirement.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89829	101	Online			06/19/17— 07/27/17		Kozlowski, Heidi
This is an online class.							
89830	102	Online			06/19/17— 07/27/17		Kozlowski, Heidi
This is an online class.							
89831	103	Online			06/19/17— 07/27/17		Heimler, Charles
89832	104	Online			06/19/17— 07/27/17		Inguito, Kevin
90197	106	Lec	MTWTH	10:15 AM—12:35 PM	06/26/17— 07/27/17	GE111	Brennan, Raymond

[ENGL 073 - Introduction to Shakespeare 3.00 Units](#)

Grading: L | **Advisory Level** — **Read:** | **Write:** | **Math:**

Prerequisite: (ENGL 102 or READ 101) and (ENGL 104 or ENGL 092) or ESL 091; all with a C or better or placement based on assessment

Students will study Shakespeare as a major figure in our literary heritage through the reading of selected plays, sonnets, and poems. The course is designed to heighten awareness of Shakespeare's literary contribution to society and the relationship of the student to his work.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89833	101	Online			06/19/17— 07/27/17		Inguito, Kevin

This is an online class.

[ENGL 092 - Essay Development 4.00 Units](#)

Grading: K | **Advisory Level** — **Read: 0** | **Write: 0** | **Math:**

Prerequisite: ESL 302 or ENGL 322 and (ENGL 330 or ENGL 335) or READ 301 and (ENGL 330 or ENGL 335); all with C or placement based on assessment

Students will focus on the writing of short compositions in response to readings reflecting sentence variety, syntactic complexity, and paragraph efficiency using a variety of rhetorical modes. Students will also read college-level materials and write responses to the readings. Students will edit compositions for punctuation, spelling, and capitalization errors. This course prepares students for English 001A, the General Education transfer English Composition course.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89834	101	Lec	MTWTH	09:10 AM—12:00 PM	06/26/17— 08/03/17	M301	Alvarez, Patricia
89835	102	Lec	MTWTH	08:15 AM—11:05 AM	06/19/17— 07/27/17	GE219	Alkire, Scott

[ENVIR 010 - Environmental Science 4.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 2**

In this interdisciplinary course students examine the foundations for a sustainable future and interaction between human civilization and the environment. Students explore the major issues facing our planet; population growth, resource exploitation, pollution, and dwindling biodiversity. They analyze environmental policies and their effectiveness. Field trips are required. The course is designed for non-science majors to meet AA/AS general education laboratory science requirements in either biological or physical science.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89762	101	Lec	MTWTH	11:15 AM—01:20 PM	06/19/17— 07/27/17	S128	Datta, Sanhita
	101	Lab	MTWTH	09:00 AM—11:05 AM	06/19/17— 07/27/17	S128	Datta, Sanhita

[ESL 204 - ESL Listening/Speaking Lab 0.00 Units](#)

Grading: N | **Advisory Level** — **Read: 0** | **Write: 0** | **Math: 0**

Corequisite: ESL 314 or ESL 324

This open/entry, open/exit course provides individualized support for ESL students in need of listening and speaking improvement. Students will use educational software, audio/visual materials, and online formats that expand and enrich the learning experience beyond the classroom. This lab supports students enrolled in ESL 314 or ESL 324.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89836	101	Lab	MW	03:45 PM—05:35 PM	06/19/17— 07/27/17	L120	Erkal, Zerrin

[ESL 206 - ESL Grammar Lab 0.00 Units](#)

Grading: N | **Advisory Level** — **Read: 0** | **Write: 0** | **Math: 0**

Corequisite: ESL 106, ESL 316, ESL 091, ESL 302, ESL 312, ESL 322, ESL 332, ESL 342 or ENGL 001A

This open/entry, open/exit course provides individualized support for ESL students in need of grammar improvement. Students will use educational software and online formats that expand and enrich the learning experience beyond the classroom. This lab supports students enrolled in ESL 91, ESL 302, ESL 312, ESL 322, ESL 332, ESL 342, ESL 106, ESL 316, or ENGL 1A with an ESL emphasis.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90020	101	Lab	MW	12:15 PM—02:05 PM	06/19/17— 07/27/17	L120	Jellison, Heather
90021	102	Lab	TTH	12:15 PM—02:20 PM	06/19/17— 07/27/17	L120	Takei, Leslie

[ESL 324 - Listen/Speak Skills Dev 4.00 Units](#)

Grading: K | **Advisory Level** — **Read:** | **Write:** | **Math:**

Prerequisite: ESL 334 with P grade or placement based on assessment

Recommended: Concurrent enrollment in (ESL 322 or ESL 323 or ESL 327) and ESL 204 is strongly recommended.

ESL 324 is an intermediate-mid listening/speaking course for non-native speakers of English. Students will learn listening skills such as inferring speaker's point of view, intent, and tone, recognizing target vocabulary and idioms, identifying events in sequence, and applying note-taking skills. Students will also learn speaking skills at the intermediate-mid level of proficiency of using effective discussion techniques to exchange and verify information, request clarification, interrupt a conversation, express opinions, and prepare for, create, and deliver short oral presentations. Concurrent enrollment in ESL 322 or ESL 323 or ESL 327 and ESL 204 is strongly recommended

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89841	101	Lec	MTWTH	06:00 PM—08:50 PM	06/19/17— 07/27/17	GE215	Erkal, Zerrin

[ESL 500 - ESL in Health Care 0.00 Units](#)

Grading: N | **Advisory Level** — **Read:** | **Write:** | **Math:**

Recommended: It is recommended that the student has completed higher levels of Adult Education ESL courses.

Students study listening, speaking, reading, and writing skills for a variety of tasks associated with health care. This course is designed as the part of the Medical Career Preparation CTE Program. Students acquire language, vocabulary, and cultural information necessary for communicating in English with patients and their families, health care providers, and health service co-workers.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89842	101	Lec	TWTH	07:00 PM—09:30 PM	06/27/17— 08/08/17	GE213	Pucay, Dorothy
89843	102	Lec	MW	07:00 PM—09:30 PM	05/24/17— 07/26/17	MIL-C1	Carrell, Tanya

This class is held offsite at the Milpitas extension: 1450 Escuela Pkwy, Milpitas, CA 95035

[ESL 531 - Inter-Low Listening/Speaking 0.00 Units](#)

Grading: N | **Advisory Level** — **Read:** | **Write:** | **Math:**

Recommended: It is recommended that the student has completed higher levels of Adult Education ESL courses.

ESL 531 is a non-credit academic intermediate-low listening and speaking skills course for non-native speakers of English. Students learn listening skills, such as distinguishing main idea from details. Students also learn speaking skills, such as restating main ideas, asking questions, and exchanging information.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89992	101	Lec	MTWTH	09:00 AM—11:50 AM	06/19/17— 07/27/17	GE215	Jellison, Heather
90165	103	Lec	MTWTH	09:00 AM—11:50 AM	06/19/17— 07/27/17	GE115	Crawford, Adrian

[ESL 532 - Inter-Low Reading and Writing 0.00 Units](#)

Grading: N | **Advisory Level** — **Read:** | **Write:** | **Math:**

Recommended: It is recommended that the student has completed higher levels of Adult Education ESL courses.

ESL 532 is a non-credit academic intermediate-low reading and writing skills course for non-native speakers of English. Students learn writing techniques and grammar for composing sentences and short paragraphs. Students also study reading

and vocabulary skills and strategies for the literal and critical comprehension of intermediate level ESL texts.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89993	101	Lec	MTWTH	09:00 AM—01:15 PM	06/19/17— 07/27/17	GE211	Welles, Norma
90181	102	Lec	MTWTH	09:00 AM—01:15 PM	06/19/17— 07/27/17	GE217	Ro, Minna

[ETH 027 - Intro to Race & Ethnicity 3.00 Units](#)

Grading: L | **Advisory Level — Read: 3 | Write: 3 | Math: 0**

Students will critically explore the phenomena of race and ethnicity in the history of the United States. Examining the socio-political realities of power, students analyze the processes by which racial stratification occur. Particular emphasis is placed on the socio-historical experiences of major, subordinate ethnic groups in America --African Americans, Mexican Americans, Asian Americans, and Native Americans. Students critically analyze major theoretical approaches to understanding the circumstances that have shaped present race relations in America and various Ethnic Studies paradigms.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89706	101	Online			06/19/17— 07/27/17		White, Khalid

This is an online class.

90172	102	Online			06/19/17— 07/27/17		White, Khalid
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This is an online class.

[ETH 037A - Mexican American History I 3.00 Units](#)

Grading: L | **Advisory Level — Read: 3 | Write: 3 | Math: 0**

Students will survey the social, political, economic, and cultural history of the Mexican American experience within the context of U.S. history from the pre-Columbian era to Reconstruction. Students will also critically analyze the roles and contributions that Mexican Americans have played in the development of the United States with comparisons to other groups. ETH 037A, along with ETH 037B, satisfies the District requirements in U.S. History, Constitution and American Ideals requirement.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89707	101	Lec	MTWTH	09:00 AM—11:05 AM	06/19/17— 07/27/17	GE123	Covarrubias, Jesus

[ETH 037B - Mexican American History II 3.00 Units](#)

Grading: L | **Advisory Level — Read: 3 | Write: 3 | Math: 0**

Students will survey the social, political, economic, and cultural history of the Mexican American experience within the context of U.S. history from Reconstruction to the present. Students will also analyze roles and contributions that Mexican Americans have played in the development of the United States and California, and with comparisons to other groups. ETH 037B, along with ETH 037A, satisfies the District requirements in U.S. History, Constitution and American Ideals requirement.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89708	101	Lec	MTWTH	11:15 AM—01:20 PM	06/19/17— 07/27/17	GE123	Covarrubias, Jesus

[GUIDE 097A - Orientation to College Part 1 0.50 Units](#)

Grading: K | **Advisory Level — Read: | Write: | Math:**

Students receive an introduction to San Jose City College, including programs, support services, academic policies, and educational options. Students will learn key terms and ideas that support student success. At the conclusion of the course, students will be able to identify or explain the California higher education system, important SJCC programs and services, the differences between high school and college, and retention strategies for student success.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89810	101	Lec	TTH	11:00 AM—12:10 PM	06/20/17— 06/22/17	M101	Garcia, Valentin
	101	Lec	MW	12:40 PM—01:50 PM	06/26/17— 07/10/17	M101	Garcia, Valentin

This course is part of the Caminos Summer Bridge & First Year Experience. Caminos is for students recently completing high school and starting their first year at SJCC beginning this summer. For details and registration, find Caminos & FYE on our homepage www.sjcc.edu or call (408)288-3125.

89811	102	Lec	TTH	11:00 AM—12:10 PM	06/20/17— 06/22/17	M106	Flores, Julio
	102	Lec	MW	12:40 PM—01:50 PM	06/26/17— 07/10/17	M106	Flores, Julio

This course is part of Caminos Summer Bridge & First Year Experience. Caminos is for students recently completing high school and starting their year at SJCC beginning this summer. For details and registration, find Caminos & FYE on our homepage www.sjcc.edu or call (408)288- 3125.

89812	103	Lec	TTH	11:00 AM—12:10 PM	06/20/17— 06/22/17	M201	Garcia, Valentin
	103	Lec	TTH	12:40 PM—01:50 PM	06/27/17— 07/11/17	M201	Garcia, Valentin

This course is part of Caminos Summer Bridge & First Year Experience. Caminos is for students recently completing high school and starting their first year at SJCC beginning this summer. For details and registration, find Caminos & FYE on our homepage www.sjcc.edu or call (408)288- 3125.

89813	104	Lec	TTH	11:00 AM—12:10 PM	06/20/17— 06/22/17	M301	Hagan, Rachel
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	104	Lec	TTH	12:40 PM—01:50 PM	06/27/17— 07/11/17	M301	Hagan, Rachel
90202	105	Lec	MTWTH	08:00 AM—09:50 AM	07/17/17— 07/20/17	CT114	Martinez, Maricela

[GUIDE 119 - DSP&S Orientation to College 1.00 Units](#)

Grading: K | **Advisory Level** — **Read:** | **Write:** | **Math:**

Students will acquire information on the Disabilities Support Program & Services (DSP&S), SJCC college facilities, policies, programs, course offerings, and services including accommodations per their medical documented needs, technological assistive devices and software, and academic adjustments. Students will also be introduced to an overview of general education requirements, vocational and transfer majors, degrees, registration process and educational planning.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89668	101	Lec	MTWTH	08:00 AM—11:50 AM	08/28/17— 08/31/17	L119	Denham, Mary

[HIST 001 - Survey of American History 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math:**

Students are provided a broad approach to the social, constitutional, economic and political history of the U.S. with emphasis upon key events, issues and their backgrounds. HIST 001, along with POLSC 001, satisfies the District requirements in U.S. History and Constitution, and in state and local government.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89709	101	Online			06/19/17— 07/27/17		Manian, Padma

This is an online class.

[HIST 017A - History of the United States 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math:**

This course is a survey of the history of the United States which, with History 017B, satisfies the requirement in United States History, Constitution and American Ideals. History 017A or History 017B may not be combined with History 001 to meet the requirement in United States History, Constitution and American Ideals.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89710	101	Lec	MTWTH	08:00 AM—10:05 AM	06/19/17— 07/27/17	GE207	Wood, Diane
89711	102	Online			06/19/17— 07/27/17		Manian, Padma
							This is an online class.
89712	103	Online			06/19/17— 07/27/17		Manian, Padma
							This is an online class.
90160	104	Online			06/19/17— 07/27/17		Coburn, Justin
							This is an online class.

[HIST 017B - History of the United States 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math:**

Students examine the history of the United States from Reconstruction to the present. Along with History 017A, History 017B satisfies the requirement in United States History, Constitution and American Ideals. History 001 may not be combined with either History 017A or History 017B to meet the requirement in United States History, Constitution and American Ideals.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89713	101	Lec	MTWTH	09:00 AM—11:05 AM	06/19/17— 07/27/17	MIL-C1	Graham, Steven
							This class is held offsite at the Milpitas extension: 1450 Escuela Pkwy, Milpitas, CA 95035
89714	102	Online			06/19/17— 07/27/17		Manian, Padma
							This is an online class.
90144	103	Online			06/19/17— 07/27/17		Coburn, Justin
							This is an online class.

[HSCI 008 - Medical Terminology 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

A medical terminology course including an introduction to body systems and functions. The student will analyze, pronounce, and spell medical terminologies. Students will develop a baseline knowledge of body systems through the further study of pathology, laboratory tests, and diagnostic and treatment procedures.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90136	101	Lec	MTWTH	06:15 PM—08:20 PM	06/19/17— 07/27/17	MIL-L1	Rangaswamy, Anupama

This class is held offsite at the Milpitas extension: 1450 Escuela Pkwy, Milpitas, CA 95035

[IRON 130 - Reinforcing 1.50 Units](#)

Grading: L | Advisory Level — Read: 2 | Write: 2 | Math: 0

Corequisite: Student must be a registered Ironworker Apprentice with a participating employer

Ironworker Apprentices are introduced to standard codes, code classifications, plans, schedules, charts, and specifications commonly used by the iron worker. Topics include construction techniques used in reinforcing concrete members with steel, use of bar supports, placement of reinforcing iron, and general principles of bar splicing and welding. Post tensioning and pre-stressing techniques are also introduced.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90211	101	Lec	MTWTHF	07:35 AM—10:35 AM	06/05/17— 06/09/17	207L	
	101	Lab	MTWTHF	11:00 AM—03:35 PM	06/05/17— 06/09/17	207L	

[IRON 140 - Precast and Metal Buildings 1.50 Units](#)**Grading: L | Advisory Level — Read: 2 | Write: 2 | Math: 0**

Corequisite: Student must be a registered Ironworker Apprentice with a participating employer

Ironworker Apprentices are introduced to the erection of precast concrete and metal buildings. Topics include rigging, handling, and installing these in a safe and economical manner. Reading and interpreting charts, tables, and blueprints will also be covered.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90210	101	Lec	MTWTHF	07:35 AM—10:50 AM	06/26/17— 06/30/17	207L	
	101	Lab	MTWTHF	11:00 AM—03:35 PM	06/26/17— 06/30/17	207L	
90264	105	Lec	MTWTHF	07:35 AM—10:50 AM	06/19/17— 06/23/17	OFC	
	105	Lab	MTWTHF	11:00 AM—03:35 PM	06/19/17— 06/23/17	OFC	

[IRON 150 - Welding I 1.50 Units](#)**Grading: L | Advisory Level — Read: 2 | Write: 2 | Math: 0**

Corequisite: Student must be a registered Ironworker Apprentice with a participating employer

Ironworker Apprentices are introduced to the structure of ferrous metals and their reaction to heat. They will acquire knowledge of the equipment and materials employed in the use of shielded metal-arc, gas shielded-arc, and oxy-acetylene welding.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90266	103	Lec	MTWTHF	07:35 AM—10:50 AM	06/05/17— 06/09/17	OFC	
	103	Lab	MTWTHF	11:00 AM—03:35 PM	06/05/17— 06/09/17	OFC	

[IRON 160 - Lead Hazard/Scaffold/First Aid 1.50 Units](#)**Grading: L | Advisory Level — Read: 2 | Write: 2 | Math: 0**

Corequisite: Student must be a registered Ironworker Apprentice with a participating employer

Ironworker Apprentices are introduced to the health effects caused by lead exposure, scaffold safety, and first aid. Topics include OSHA regulations for lead handling, sampling methods for lead, legal rights of workers pertaining to safety standards, and the use of proper protective equipment and work methods. First aid and CPR methods will also be covered. Apprentices will be prepared to take First Aid and CPR certification tests upon completion of this course.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90258	101	Lec	MTWTHF	07:35 AM—10:50 AM	08/01/17— 08/05/17	207L	
	101	Lab	MTWTHF	11:00 AM—03:35 PM	08/01/17— 08/05/17	207L	
90263	102	Lec	MTWTHF	07:35 AM—10:50 AM	08/01/17— 08/05/17	OFC	
	102	Lab	MTWTHF	11:00 AM—03:35 PM	08/01/17— 08/05/17	OFC	

[IRON 170 - Structural I 1.50 Units](#)**Grading: L | Advisory Level — Read: 2 | Write: 2 | Math: 0**

Corequisite: Student must be a registered Ironworker Apprentice with a participating employer

Ironworker Apprentices study the theory and practice of blueprint reading, structural erection procedures, and proper steel structure construction.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90212	101	Lec	MTWTHF	07:35 AM—10:50 AM	06/19/17— 06/23/17	207L	
	101	Lab	MTWTHF	11:00 AM—03:35 PM	06/19/17— 06/23/17	207L	
90216	102	Lec	MTWTHF	07:35 AM—10:50 AM	06/19/17— 06/23/17	207L	
	102	Lab	MTWTHF	11:00 AM—03:35 PM	06/19/17— 06/23/17	207L	

[IRON 171 - Structural II 1.50 Units](#)**Grading: L | Advisory Level — Read: 2 | Write: 2 | Math: 0**

Prerequisite: IRON 170 with C or better

Corequisite: Student must be a registered Ironworker Apprentice with a participating employer

Ironworker Apprentices study the theory and practice of advanced blueprint reading related to complex structure construction. Structural erection procedures including the operation of mobile and tower cranes and proper construction of various steel structures are also covered.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90213	101	Lec	MTWTHF	07:35 AM—10:50 AM	06/12/17— 06/16/17	207L	
	101	Lab	MTWTHF	11:00 AM—03:35 PM	06/12/17— 06/16/17	207L	

[IRON 180 - Architectural I 1.50 Units](#)

Grading: L | **Advisory Level** — **Read: 2** | **Write: 2** | **Math: 0**

Corequisite: Student must be a registered Ironworker Apprentice with a participating employer

Ironworker Apprentices are introduced to architectural and ornamental iron working. Apprentices are provided detailed knowledge of the procedures and practices employed by the ironworker in architectural and ornamental iron working. Tools, anchors, fasteners, various layout instruments, and construction of curtain walls will also be covered.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90265	103	Lec	MTWTHF	07:35 AM—10:50 AM	06/05/17— 06/09/17	OFC	
	103	Lab	MTWTHF	11:00 AM—03:35 PM	06/05/17— 06/09/17	OFC	

[KIN 005 - Intro to Kinesiology 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Students will be introduced to various subdisciplines related to Kinesiology, the study of human movement. Students will examine the areas of history, sociology, biomechanics, physiology, and psychology, as they relate to the sport and exercise environment. In addition, students will explore three career pathways involving the study of human movement: teaching, research, and professional practice.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90019	101	Online			06/19/17— 07/27/17		Rafat, Tait

This is an online class.

[KINA 011 - Intercollegiate Sport Training 1.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Recommended: Students should possess intercollegiate athletic skills as determined by coaching staff to remain enrolled in this course

This course is designed to prepare the intercollegiate student athlete for the competitive season and reduce the risk of injury. The course includes intercollegiate-level sport-specific skills, drills, conditioning, team organization, play, and evaluation and is designed to prepare student athletes both physically and mentally for competition. It may be repeated to meet requirements for California Community College Athletic Association (CCCCAA) eligibility.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89695	101	Lab	MTWTH	02:30 PM—04:35 PM	06/19/17— 07/27/17	MGYM	Oberg, Terri
89696	102	Lab	MTWTH	04:35 PM—06:40 PM	06/19/17— 07/27/17	MGYM	Carr, Percy
89697	103	Lab	MTWTHF	12:30 PM—03:20 PM	07/24/17— 08/14/17	MGYM	Dupler, Jason
90084	104	Lab	MTWTH	05:00 PM—07:05 PM	07/05/17— 08/14/17	TRK	Nelson, Steven

[KINPE 013 - Advanced Football 1.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Students study the advanced plays and scoring strategies of offensive and defensive football. Students will gain additional knowledge of the rules and etiquette of football.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89694	101	Lab	MTWTH	04:00 PM—06:05 PM	07/05/17— 08/14/17	FB	Connor, Carlton

[KINPE 039 - Hatha Yoga 1.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Students will learn to control body, breath and mind through exercises, asanas (poses), breathing (pranayamas) and meditation techniques. Students will study techniques to increase flexibility, endurance, balance, and ways to enhance the ability to concentrate. The practice of yoga also encourages stress release.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89692	101	Lab	MTWTH	10:15 AM—12:20 PM	06/19/17— 07/27/17	112	Owens, Linda

[KINPE 056 - Beginning Weight Training 1.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Students are introduced to basic weight training techniques in order to develop muscular strength and fitness. Students will learn and execute various weight lifting techniques and weight resistance exercises. In addition, students will perform cardio and core workouts.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89693	101	Lab	TWTH	08:00 AM—10:50 AM	06/20/17— 07/27/17	308	Robb, Douglas

[KINPE 056B - Intermediate Weight Training 1.00 Units](#)

Grading: L | **Advisory Level** — **Read:** | **Write:** | **Math:**

Students develop intermediate weight lifting techniques. Emphasis will be on progressive weight resistance exercises, form and technique, safety, and specialized muscle development.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89925	101	Lab	TWTH	08:00 AM—10:50 AM	06/20/17— 07/27/17	308	Robb, Douglas

[LASER 103 - Advanced Laser Technology 4.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 3**

Prerequisite: LASER 100 with C or better

Students study in-depth theory and treatment of pulsed and solid state lasers. Students will learn to assemble, troubleshoot, repair, and characterize a simple laser for optimal performance and determine laser and laser analyzer tolerances to establish their scopes and limitations.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89744	101	Lec	MTWTHF	04:00 PM—05:30 PM	05/30/17— 07/07/17	111	Sukuta, Sydney
	101	Lab	MTWTHF	05:45 PM—07:15 PM	05/30/17— 07/07/17	111	Pogatchnik, Chris

[LS 210 - Supervised Tutoring 0.00 Units](#)

Grading: N | **Advisory Level** — **Read:** | **Write:** | **Math:**

Students will be tutored on an individual basis or within small groups by student tutors in basic skills, academic, and vocational subject matter areas necessary to the overall success and retention of students. Students must be referred by an instructor or a counselor.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89750	101	Tutoring			06/19/17— 07/27/17	L105	Nguyen, Tuanh
89751	102	Tutoring			06/19/17— 07/27/17	L105	Singh, Shiva

[MA 006 - Intro to Medical Assisting 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 2**

Recommended: Completion of MA 005 strongly recommended

Students will acquire knowledge of the administrative and clinical medical assistant's scope of practice in a medical office setting or out-patient facility. The study of health and disease, medical ethics and legal aspects of medical assisting will also be examined.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89745	101	Lec	TWTH	09:15 AM—11:50 AM	06/19/17— 07/27/17	T513	Kahlon, Jagrup

[MA 012 - Medical Assist Admin Practicum 4.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 2**

Prerequisite: MA 005 and MA 006 and MA 007 and MA 008 and MA 009 and MA 011, all with C or better

Students will acquire medical front office administrative experience under the supervision of a licensed healthcare professional in a board-certified medical office setting or outpatient facility. Students will also gain competencies in professional communication and patient instruction within the legal boundaries of a practicing Medical Assistant in the State of California. Students will be required to complete a minimum of 160 hours of unpaid medical office experience.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89805	101	Lec	MTH	09:00 AM—12:50 PM	06/19/17— 07/27/17	T519	Ovens, Donna
	101	Lab			06/19/17— 07/27/17	OFC	Ovens, Donna

[MACH 120 - Basic CNC Machining Center 4.50 Units](#) (Materials Fee: \$50)

Credit by Exam: Yes **Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 1**

Students study basic set-up procedures and the safe use of CNC (Computerized Numerical Controls) Machining Centers. Students study CNC codes, control functions, examining and editing programs, part production, and the proper use of speeds and feeds. Students will use different measurement tools to inspect dimensions according to blueprint specifications. Students also learn basic blueprint reading and trigonometric functions.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
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89807	101	Lec	MTWTH	04:15 PM—06:20 PM	06/19/17— 07/27/17	107I	Ulate, Isai
	101	Lab	MTWTH	06:30 PM—10:00 PM	06/19/17— 07/27/17	109L	Ulate, Isai

[MACH 154 - Intro Cad/Cam Operations 2.00 Units](#)

Credit by Exam: Yes **Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 2**

Prerequisite: MACH 129 with C or better

Recommended: Completion of CA 020D, or fundamental computer skills and knowledge of Microsoft Office applications are recommended

Students utilize latest versions of MasterCAM, using computers with various operating systems, to prepare CNC Computerized Numerical Control (CNC) Milling program files from supplied drawings and models. There will be an emphasis on terminology, planning techniques, and job documentation.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90194	102	Lec	F	05:00 PM—08:05 PM	06/19/17— 07/27/17	107J	Ulate, Isai
	102	Lab	F	08:15 PM—09:35 PM	06/19/17— 07/27/17	107J	Ulate, Isai
	102	Lab	S	08:00 AM—04:30 PM	06/19/17— 07/27/17	107J	Ulate, Isai

[MATH 013 - Intermediate Algebra 5.00 Units](#)

Grading: O | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Prerequisite: MATH 111 with P grade, or placement based on assessment

Students will review elementary algebra topics and further their skills in solving absolute value in equations and inequalities, quadratic functions and complex numbers, radicals and rational exponents, exponential and logarithmic functions, inverse functions, and sequences and series. This course continues the Algebra sequence and is a prerequisite to transfer level math courses.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89763	101	Lec	MTWTH	08:30 AM—12:00 PM	06/19/17— 07/27/17	M303	Rahim, Hasan
89764	102	Lec	MTWTH	01:00 PM—04:30 PM	06/19/17— 07/27/17	M203	Tran, Angela
89765	103	Lec	MTWTH	06:15 PM—09:45 PM	06/19/17— 07/27/17	S202	Vanajakshi, Chandra
89766	104	Lec	MTWTH	08:30 AM—12:00 PM	06/26/17— 08/03/17	M101	Solano, Patricia

Caminos

[MATH 021 - Precalculus Algebra 4.00 Units](#)

Credit by Exam: Yes **Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Prerequisite: MATH 013 with C or better

Students will study topics which include basic algebraic concepts, complex numbers, equations and inequalities, graphs of functions, linear and quadratic functions, polynomial functions of higher degree, rational, exponential, absolute value, and logarithmic functions, sequences and series, and conic sections. This course is designed to prepare students for the level of algebra required in calculus. Students may not take a combination of MATH 021 and MATH 025.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89767	101	Lec	MTWTH	08:30 AM—11:20 AM	06/19/17— 07/27/17	M304	McCandless, Kevin

[MATH 022 - Trigonometry 3.00 Units](#)

Credit by Exam: Yes **Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Prerequisite: MATH 013 and MATH 014, both with C or better, or equivalent

This course in numerical and analytical trigonometry is designed to prepare students for the level of trigonometry and advanced algebraic concepts necessary for calculus. Students will study trigonometric functions and equations, basic identities, graphing, inverse trigonometric functions, vectors, polar coordinates, and conic sections. Students may not take a combination of MATH 022 and MATH 025.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90200	101	Lec	MTWTH	08:30 AM—11:45 AM	07/03/17— 07/27/17	GE127	Singh, Shiva

[MATH 025 - Precalculus Algebra and Trig 6.00 Units](#)

Credit by Exam: Yes **Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Prerequisite: MATH 013 and MATH 014, all with C or better

Students will study basic algebraic concepts, complex numbers, equations and inequalities, graphs of functions, system of equations and inequalities, linear and quadratic functions, polynomial functions of higher degree, rational, exponential, logarithmic, and trigonometric functions, inverse functions, basic identities, vectors, polar coordinates and graphs, and conic sections. This course is an intensive combined course in college algebra and trigonometry designed primarily as preparation for calculus. Students may take both MATH 021 and MATH 022 or take only MATH 025.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89768	101	Lec	MTWTH	01:00 PM—05:15 PM	06/19/17— 07/27/17	M303	Rahim, Hasan

[89769](#) 102 Online MTH 06/19/17— 07/27/17 McCandless, Kevin

This is an internet hybrid class that will be taught online with on-campus exams. It is strongly recommended that students enrolling in this course be self-motivated and computer/internet literate. The course orientation is mandatory and will be held Monday, June 19th, 6:00-8:00pm in room M-102. Registered students who do not attend the orientation will be dropped from the course. For more information including course syllabus, required materials and tentative exam schedule, please email Dr Kevin McCandless at kevin.mccandless@sjcc.edu

[MATH 062 - Calculus for Busi & Soc Sci 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math:**

Prerequisite: MATH 021 or MATH 025, with C or better

This course presents single variable calculus and an introduction to multivariable calculus and their applications for business and social science students. Students study functions and graphs, limits, continuity, differentiation and integral calculus of polynomials, rational functions, power functions, exponential functions, logarithmic and natural logarithmic functions, partial differentiation, and applications of these topics in business and social science.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
90119	101	Lec	MTWTH	08:30 AM—10:35 AM	06/19/17— 07/27/17	S122	Kifer, Curtis

[MATH 063 - Elementary Statistics 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Prerequisite: MATH 013 with C or better

Students are introduced to the study of statistics. Students will learn methods of displaying data, descriptive statistics, basic concepts of probability theory, random variables, common statistical distributions, estimates and sample size, hypothesis testing, goodness-of-fit test, contingency table analysis, tests of two independent population parameters, Chi-square, ANOVA, and regression and correlation. Students will apply basic statistical concepts to data from education, business, social sciences, and natural sciences. To aid in the analysis of data, the use of computational technology will be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89770	101	Online			06/19/17— 06/19/17		Ahlberg, David

This is an internet hybrid course. The course is predominately online except for an orientation and a final exam. It is strongly recommended that students enrolling in this course be self-motivated and computer/internet literate. Students are required to attend the course orientation on Monday, June 19th, 7:00pm-8:00pm in room M302. The final examination is on Wednesday, July 26th, at 7:00pm - 8:30pm in the same classroom and students must attend this final exam to complete the class. Students should not purchase a textbook until logging into Canvas to get specific instructions about the online textbook/course materials. Students with questions or concerns should email the instructor David Ahlberg (david.ahlberg@sjcc.edu) and give detailed information including student name, student ID# and put "Math 63 Online Summer 2017" in the subject line.

89771	102	Lec	MTWTH	12:15 PM—02:20 PM	06/19/17— 07/27/17	M204	Du, Jianbo
89772	103	Lec	MTWTH	08:30 AM—10:35 AM	06/19/17— 07/27/17	MIL-C4	Nguyen, Viet

This course will be held at the NEW Milpitas Extension, 1450 Escuela Pkwy. Students enrolled in this course will receive FREE use of textbooks and calculators.

90195	104	Online			06/19/17— 06/19/17		Ahlberg, David
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This is an internet hybrid course. The course is predominately online except for an orientation and a final exam. It is strongly recommended that students enrolling in this course be self-motivated and computer/internet literate. Students are required to attend the course orientation on Monday, June 19th, 8:15pm-9:15pm in room M302. The final examination is on Wednesday, July 26th, at 8:30pm-10:00pm in the same classroom and students must attend this final exam to complete the class. Students should not purchase a textbook until logging into Canvas to get specific instructions about the online textbook/course materials. Students with questions or concerns should email the instructor David Ahlberg (david.ahlberg@sjcc.edu) and give detailed information including student name, student ID# and put "Math 63 Online Summer 2017" in the subject line

[MATH 071 - Calc I with Analytic Geom 5.00 Units](#)

Credit by Exam: Yes **Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Prerequisite: (MATH 021 and MATH 022) or MATH 025, all with C or better

This is the first course in calculus for students majoring in mathematics, physical science, computer science, or engineering. Students will study functions and inverse functions, limits, the derivative as a limit, continuity, rules of differentiation, chain rule, implicit differentiation, applications of differentiation, linear approximations, related rates, optimization problems, antiderivatives, Riemann sums, the Fundamental Theorem, the substitution rule for integration and applications of integration to the calculation of areas between curves and volumes of solids of revolution.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89773	101	Lec	MTWTH	08:30 AM—12:00 PM	06/19/17— 07/27/17	M302	Randall, Lucas
89774	102	Online			06/19/17— 07/27/17		Frazier, Christopher

Note: This is an internet hybrid course that will be taught mostly online with 3 mandatory face-to-face meetings for 2 exams and an orientation. There is a face-to-face orientation on Monday, June 19 at 9:30 am in GE127 or 6:30 pm in M301; a face-to-face midterm on Monday July 10 at 6:30 pm in M301; a face-to-face final exam on Thursday, July 27th in M301. There are two mandatory online midterms which must be taken between 6:30 pm and 8:30 pm on June 29th and July 20th. Homework

requires purchase of a Webassign® license. The Webassign license and accompanying text, Stewart Calculus: Early Transcendentals 8e, are much cheaper if purchased together. For more information, contact christopher.frazier@sjcc.edu

[MATH 072 - Calc II w/Analytic Geometry 5.00 Units](#)

Credit by Exam: Yes **Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Prerequisite: MATH 071 with C or better

Students will study techniques of integration, applications of integration to areas, volumes, average values of functions, arc lengths, surfaces of revolution, problems in physics and engineering, use of parametric equations and polar equations to plot curves and compute derivatives, areas and arc length, a thorough study of infinite sequences, infinite and power series, and an introduction to differential equations.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89775	101	Lec	MTWTH	08:30 AM—12:00 PM	06/19/17— 07/27/17	M204	Cochran, Graciela
89776	102	Lec	MTWTH	06:15 PM—09:45 PM	06/19/17— 07/27/17	M106	Banks, John

[MATH 073 - Multivariable Calculus 5.00 Units](#)

Credit by Exam: Yes **Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Prerequisite: MATH 072 with C or better

This is the third course in calculus for students majoring in mathematics, physical science, computer science, or engineering. Students will study the concepts of differential and integral calculus extended to multivariable functions. The course content includes vectors, dot products, cross products, surfaces in three dimensions, derivatives, integrals, arc length and curvature for vector functions, partial derivatives, chain rule, tangent planes, maximum and minimum values for functions of several variables, Lagrange multipliers, multiple integrals, and vector calculus.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89777	101	Lec	MTWTH	09:15 AM—12:45 PM	06/19/17— 07/27/17	S204	Castilla, Guillermo

[MATH 111 - Elementary Algebra 5.00 Units](#)

Grading: K | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Prerequisite: MATH 311 with P grade, or placement based on assessment

Students will study operations on real numbers and algebraic expressions, linear equations and inequalities, and algebraic methods for solving application problems. They will also study systems of linear equations, laws of exponents, operations on polynomials, solving quadratic equations by factoring, and operations on rational expressions and rational equations.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89778	101	Lec	MTWTH	08:30 AM—12:00 PM	06/19/17— 07/27/17	M203	Tran, Angela
89779	102	Lec	MTWTH	06:15 PM—09:45 PM	06/19/17— 07/27/17	M201	Sioshansi, Azar
89780	103	Lec	MTWTH	08:30 AM—12:00 PM	06/26/17— 08/03/17	M106	Rios, Gabriela

Caminos

[MATH 311 - Pre-Algebra 3.00 Units](#)

Grading: K | **Advisory Level** — **Read: 2** | **Write: 2** | **Math: 0**

Prerequisite: Placement based on math assessment.

Students will study the fundamental operations in arithmetic and other math concepts including a basic introduction to algebra. This course is designed to give students the math foundation they need to be successful in an elementary algebra course. Topics include: integers, fractions, decimals, percents, order of operations, unit conversions, algebraic expressions, equations, basic geometric shapes and graphing, and simple applications.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89781	101	Lec	MTWTH	08:30 AM—10:35 AM	06/19/17— 07/27/17	MIL-C3	Lu, Bing

This course will be held at the NEW Milpitas Extension, 1450 Escuela Pkwy. Students enrolled in this course will receive FREE use of textbooks and calculators.

89782	102	Lec	MTWTH	06:15 PM—08:20 PM	06/19/17— 07/27/17	M101	Pardo, Ralph
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[PHIL 010 - Introduction to Philosophy 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math:**

Students are introduced to the philosophical history and disciplines of metaphysics and epistemology from Socrates to Wittgenstein. They will examine the ideas and methods of Western philosophy concerning knowledge, reality, and values. Topics include the sources and limits of knowledge and the nature of reality. Other topics that will be examined from a philosophical perspective include the nature of the self, truth, ethics, religion, science, language, beauty and art, and political theory.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89715	101	Lec	MTWTH	08:00 AM—10:05 AM	06/19/17— 07/27/17	GE223	Grudzen, Gerald

[PHIL 060 - Logic and Critical Thinking 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 2**

Students are introduced to formal and informal logic. Students will be instructed in the methodology and the applications of formal logic including symbolic and sentential logic with emphases on truth tables, validity, categorical propositions, Venn diagrams, syllogism, inductive and deductive reasoning, and critical thinking. Emphasis will be given on the logic systems entailed by language, word-functions, definition, and common logical fallacies.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89716	101	Lec	MTWTH	01:00 PM—03:05 PM	06/19/17— 07/27/17	GE121	Grudzen, Gerald

[PHYS 002A - Alg/Trig Physics I 4.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Prerequisite: MATH 013 with C or better

Students will study basic principles: vectors, Newton's laws of motion, work, and the conservation principles of energy, momentum, elasticity, and thermodynamics. Also covered in this course will be gravitation, fluids, waves, and simple harmonic motion. This is the first of a two-semester course in general physics for students not needing calculus-based physics.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89783	101	Lec	MTWTH	10:15 AM—12:20 PM	06/19/17— 07/27/17	S202	Sukuta, Sydney
	101	Lab	MTWTH	08:00 AM—10:05 AM	06/19/17— 07/27/17	S206	Sukuta, Sydney
89784	102	Lec	MTWTH	10:15 AM—12:20 PM	06/19/17— 07/27/17	S202	Sukuta, Sydney
	102	Lab	MTWTH	12:30 PM—02:35 PM	06/19/17— 07/27/17	S206	Sukuta, Sydney

[PHYS 002B - Alg/Trig Physics II 4.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 3**

Prerequisite: PHYS 002A with C or better

Students will apply the principles of conservation of energy, and linear and angular momentum to topics in electricity, magnetism, optics, and modern physics. This is the second of a two-semester course in general physics for students not needing calculus-based physics.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89785	101	Lec	MTWTH	08:30 AM—10:35 AM	06/19/17— 07/27/17	S207	Chaharsough-Shirazi, Atousa
	101	Lab	MTWTH	10:45 AM—12:50 PM	06/19/17— 07/27/17	S207	Chaharsough-Shirazi, Atousa

[PHYS 004A - General Physics 5.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math:**

Prerequisite: MATH 072

Corequisite: MATH 072

This course is one of four courses in calculus-based general physics classes for majors in physics, chemistry, engineering, mathematics or other sciences. Students are introduced to the general principles of mechanics at an elementary level. Specific topics include kinematics, Newton's laws of motion, work and energy, momentum, rotation, simple harmonic motion, universal gravitation, and fluids. Elementary applications of these principles are introduced using a problem solving approach.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89786	101	Lec	MTWTH	01:00 PM—03:50 PM	06/19/17— 07/27/17	S204	Huang, Yiyun
	101	Lab	MTWTH	04:00 PM—06:05 PM	06/19/17— 07/27/17	S206	Huang, Yiyun
89787	102	Lec	MTWTH	01:00 PM—03:50 PM	06/19/17— 07/27/17	S204	Huang, Yiyun
	102	Lab	MTWTH	06:15 PM—08:20 PM	06/19/17— 07/27/17	S206	Huang, Yiyun

[PHYS 004B - General Physics 5.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Prerequisite: PHYS 004A and MATH 073 both with C or better

Corequisite: Or concurrent enrollment in MATH 073

This course is one of four courses in calculus-based general physics, serving students majoring in engineering, chemistry, physics, mathematics and other sciences. It emphasizes conceptual aspects of electricity, magnetism, circuits, and Maxwell's equations, and requires quantitative analysis of real world situations.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89788	101	Lec	MTWTH	01:00 PM—03:50 PM	06/19/17— 07/27/17	S207	Adham, Nargis
	101	Lab	MTWTH	04:00 PM—06:05 PM	06/19/17— 07/27/17	S207	Adham, Nargis
90149	102	Lec	MTWTH	03:30 PM—06:20 PM	06/19/17— 07/27/17	S203	Khadka, Dhan
	102	Lab	MTWTH	06:30 PM—08:35 PM	06/19/17— 07/27/17	S207	Khadka, Dhan

[POLSC 001 - Politics and Govt in America 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math:**

Students are introduced to national, California, and local governments and politics with an emphasis on the U.S. Constitution and the national government. Students will examine the historical origins of the development of the U.S. Constitution and the philosophy and principles used by the framers in the late 18th century. POLSC 001, along with HIST 001 satisfies the District requirements in the study of U.S. Constitution, California, and local governments.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89718	102	Online			06/19/17— 07/27/17		Crawford, Philip
This is an online class.							
90173	103	Online			06/19/17— 07/27/17		Crawford, Philip
This is an online class.							

[PSYCH 010 - General Psychology 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math:**

Students are introduced to the major theories, areas of study, and methodologies of contemporary psychology and the scientific study of human behavior. Topics addressed include biological and neurological processes and structure, genetics, life span development, consciousness, sensory processes, perception, learning, memory, language and thought, intelligence, motivation and emotion, stress, personality, psychopathology, and psychotherapy.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89719	101	Lec	MTWTH	09:00 AM—11:05 AM	06/19/17— 07/27/17	MIL-L2	Levy, Lorraine
This class is held offsite at the Milpitas extension: 1450 Escuela Pkwy, Milpitas, CA 95035							
89720	102	Online			06/19/17— 07/27/17		Gutierrez, Suzanne
This is an online class.							
90161	103	Online			06/19/17— 07/27/17		Gutierrez, Suzanne
This is an online class.							

[PSYCH 092 - Developmental Psychology 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Students are introduced to developmental psychology. Human development is traced from conception through death. Students will study the biological, cognitive, emotional, and social factors affecting development and the interaction of these factors throughout the lifespan. Social contexts that influence the course of development such as culture, socioeconomic status, and historical time and place will be examined. Developmental tasks and potential developmental crises are identified for each of the age groups.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89721	101	Lec	MTWTH	01:00 PM—03:05 PM	06/19/17— 07/27/17	GE125	Jackler, Frances
89722	102	Online			06/19/17— 07/27/17		Conroy, Mary
This is an online class.							
90169	103	Online			06/19/17— 07/27/17		Conroy, Mary
This is an online class.							

[PSYCH 100 - Human Sexuality 3.00 Units](#)

Grading: L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Students will study scientific information on human sexual functioning. Topics will include current research findings related to sexual behavior, social learning of sexual roles, anatomy and physiology of sexual response, social-cultural influence pertaining to sexual behavior, sexual adjustment and maladjustment. The course will also include topics covering sexual orientations, and, legal and political aspects of sexual behavior.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89847	101	Online			06/19/17— 07/27/17		Gutierrez, Suzanne
This is an online class.							

[READ 101 - Analytical Reading 4.00 Units](#)

Grading: K | **Advisory Level** — **Read: 0** | **Write: 0** | **Math: 0**

Prerequisite: (4 units of READ 301 or ENGL 322) and (ENGL 330 or ENGL 335); all with P grade or placement based on assessment.

Students will read, discuss, and write about a variety of academic topics, contemporary themes, and social problems, using articles, text chapters, and fiction commonly assigned in college-level courses. Students will acquire proficiency in critical analysis and research, as well as vocabulary development, comprehension, and study skills.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
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89844	101	Lec	MTWTH	09:10 AM—12:00 PM	06/26/17— 08/03/17	M201	Cruz-Johnson, Celia
89990	102	Lec	MTWTH	10:15 AM—01:05 PM	06/19/17— 07/27/17	GE117	Vasquez, Lisa

[SL 001A - ASL 1 3.00 Units](#)

Grading: O | **Advisory Level — Read: 3 | Write: 3 | Math: 0**

Students are introduced to the expressive and receptive skills of American Sign Language (ASL). Students will acquire vocabulary and grammar to achieve beginning proficiency. Students will study aspects of Deaf Culture and ASL history. This course corresponds to two years of high school study.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89845	101	Lec	MTWTH	09:00 AM—11:05 AM	06/19/17— 07/27/17	GE209C	Blair, Rufus

[SOC 010 - Introduction to Sociology 3.00 Units](#)

Grading: L | **Advisory Level — Read: 3 | Write: 3 | Math:**

Students use a sociological approach in the study of human behavior that includes a variety of perspectives. Students explore important concepts and principles in sociology, including culture, social structure, socialization, social institutions, groups, social interaction, social inequality, collective behavior, and social change in human societies.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89724	101	Lec	MTWTH	10:30 AM—12:35 PM	06/19/17— 07/27/17	GE121	Del Buono, Mai

[SOC 011 - Social Problems 3.00 Units](#)

Grading: L | **Advisory Level — Read: 3 | Write: 3 | Math:**

Students explore sociological perspectives on contemporary social problems in the United States. Students examine the social processes through which issues come to be viewed as social problems and the dynamics through which groups attempt to respond to and solve these problems.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89725	101	Online			06/19/17— 07/27/17		Del Buono, Barry
This is an online class.							
90177	102	Online			06/19/17— 07/27/17		Del Buono, Barry
This is an online class.							

[SPAN 001A - Elementary Spanish 5.00 Units](#)

Credit by Exam: Yes **Grading:** L | **Advisory Level — Read: 3 | Write: 3 | Math:**

Students will acquire vocabulary and grammar knowledge, in this first of two courses, to achieve novice-low to novice-mid proficiency in Spanish language skills including understanding, speaking, reading, and writing Spanish. Students will develop an awareness of cultures of Latin America and Spain. This course is not recommended for native speakers of Spanish. This course corresponds to two years of high school study.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
89846	101	Lec	MTWTH	09:00 AM—12:30 PM	06/19/17— 07/27/17	GE221	Gamez, Rebecca