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**Last Update: 05/26/2017 10:31 AM**

**By Subject:** Accounting (ACCTG) ▼

[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
<a href="#">87448</a>	101	Lec	TTH	09:15 AM—11:40 AM	01/30/17— 05/26/17	T419	Ferrell, Linda
<a href="#">87449</a>	102	Lec	MW	12:15 PM—02:40 PM	01/30/17— 05/26/17	T419	Ferrell, Linda
<a href="#">87450</a>	103	Lec	TTH	06:30 PM—08:55 PM	01/30/17— 05/26/17	T419	Hurst, Stephen
<a href="#">87451</a>	104	Online			01/30/17— 05/26/17		Chawla, Gurdeep

This is an online class.

[ACCTG 021 - Managerial Accounting 5.00 Units](#)

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

Prerequisite: ACCTG 020 with C or better

Students are introduced to managerial decision-making using accounting information. Students will study topics including the master budget, static and flexible budgets, Statement of Cash Flows, capital budgeting techniques, cost-volume-profit relationships, contribution margin approach to decision-making, cost behavior analysis, job order and process costing, activity-based costing and just-in-time manufacturing, standard costing, responsibility accounting, cost performance reporting, special business decisions, financial statement analysis, incremental analysis, break-even analysis, and pricing under absorption and variable costing.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87452</a>	101	Lec	MW	09:15 AM—11:40 AM	01/30/17— 05/26/17	T419	Ferrell, Linda
<a href="#">87453</a>	102	Lec	MW	06:30 PM—08:55 PM	01/30/17— 05/26/17	T419	Torres, Daniel

[ACCTG 030 - QuickBooks 3.00 Units](#)

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

Prerequisite: ACCTG 101 or ACCTG 020 or ACCTG 001A, all with a C or better

Students will use QuickBooks software to learn accounting. This course in computer-based accounting gives students hands-on use of QuickBooks business forms for recording sales and receivables, payables and purchases, and payroll. Students will explore various methods of business problem solving.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87454</a>	101	Online			01/30/17— 05/26/17		Chawla, Gurdeep

This is an online class.

[ACCTG 062 - Cost Accounting 5.00 Units](#)

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

Prerequisite: ACCTG 001B or ACCTG 021 with C or better

Students study cost accounting principles, including essentials of job order, process cost, and standard cost accounting systems. They will focus on how cost accounting helps managers make better decisions for planning, controlling, and profitability analysis in a business environment as well as costing concepts for products, services, and customers. Topics covered in this course are of significant value in personal financial management as well.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87455</a>	101	Lec	TTH	06:30 PM—08:55 PM	01/30/17— 05/26/17	T418	Martinelli, Mark

[ACCTG 097 - Acctg for Income Taxes 3.00 Units](#)

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

Students are introduced to Federal Individual Income Taxation with emphasis on statutory materials, principles, procedures, and terminology. Students focus on tax problems encountered by individual taxpayers and the basic concepts of gross income, exclusions, adjusted gross income, deductions, exemptions, and tax credits. Topics will include: tax avoidance, tax planning techniques, issues of gift and estate taxation, and tax preparation for other entities, such as partnerships and corporations. A comparative analysis of California tax law will also be provided.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87456</a>	101	Lec	W	06:30 PM—09:35 PM	01/30/17— 05/26/17	T418	Chow, George

[ACCTG 101 - Bookkeeping for Small Business 3.00 Units](#)

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

Students are introduced to accounting principles and procedures that apply to the operations of a small business. Students will analyze and process transactions, develop financial statements, and adjust and close records for a complete accounting cycle for service and merchandising businesses. Students will use course management software to enhance learning by performing simulated accounting activities. This course prepares students for positions as accounting assistants or entry level bookkeepers.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87457</a>	101	Lec	M	04:00 PM—06:25 PM	01/30/17— 05/26/17	T419	Torres, Daniel
	101	Lab	W	04:00 PM—05:20 PM	01/30/17— 05/26/17	T419	Torres, Daniel

[ADS 070 - Intro Chemical Dependency 3.00 Units](#)

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

Students overview chemical dependency issues including a historical perspective on alcohol and drug abuse and its impact on the community, the sociocultural factors that contribute to the use of drugs, addiction issues of special populations, and the pattern and progression of chemical addiction. Students will be required to attend outside workshops or events.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86971</a>	101	Lec	TH	09:00 AM—12:05 PM	01/30/17— 05/26/17	B208	Kendrick, Francelia
<a href="#">86972</a>	102	Lec	W	06:15 PM—09:20 PM	01/30/17— 05/26/17	B208	Flores, Jose

[ADS 071 - Pharm/Physiology of Addiction 3.00 Units](#)

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

Students will 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.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86973</a>	101	Lec	W	09:00 AM—12:05 PM	01/30/17— 05/26/17	GE123	Grozier, Ivey

[ADS 072 - Codependency & Family Dynamics 3.00 Units](#)

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

Students will examine codependency from an attachment theory, behavioral, and physical perspective. Course topics include attachment theory definitions and characteristics, Pia Mellody's Five Core Symptoms, genograms, dysfunctional and healthy family systems, inner child work, codependency and parenting, culture and codependency, re-parenting, approaches to recovery, and tools of recovery. Students will be required to attend self-help groups in the community.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86974</a>	101	Lec	T	09:00 AM—12:05 PM	01/30/17— 05/26/17	B208	Cook, Mary

[ADS 073 - Case Management 3.00 Units](#)

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

Students will learn to conduct assessment, orientation, treatment planning, record keeping, and relapse prevention (aftercare planning) from both medical and social models in case management. Students will be required to attend outside self-help workshops or events.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86975</a>	101	Lec	M	09:00 AM—12:05 PM	01/30/17— 05/26/17	GE123	Grozier, Ivey

[ADS 074 - Ethics & Personal/Profess Grow 3.00 Units](#)

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

Students will learn to address ethical, personal, and professional issues for alcohol and drug counselors, with an emphasis on continued individual growth and development. Ethical and professional standards, credentialing requirements, assessment of

personal strengths and weaknesses, burnout and stress management, and peer networking will be examined. Students will be required to attend outside workshops or events.

<b>Reg ID</b>	<b>Sec</b>	<b>Type</b>	<b>Days</b>	<b>Time</b>	<b>Date</b>	<b>Room</b>	<b>Instructor</b>
<a href="#">86976</a>	101	Lec	T	06:15 PM—09:20 PM	01/30/17— 05/26/17	B208	Cook, Mary

#### [ADS 075 - Indiv,Family,Group Counseling 3.00 Units](#)

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

Students examine the theories and purposes of various counseling approaches with individuals, groups, and families. They will also practice and demonstrate skills necessary for counseling families, individuals, and groups.

<b>Reg ID</b>	<b>Sec</b>	<b>Type</b>	<b>Days</b>	<b>Time</b>	<b>Date</b>	<b>Room</b>	<b>Instructor</b>
<a href="#">86977</a>	101	Lec	TH	06:15 PM—09:20 PM	01/30/17— 05/26/17	B208	Kendrick, Francelia

#### [ADS 076 - Law and Preven:Comm Response 3.00 Units](#)

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

Students develop awareness of community responses to addiction by examining alcohol and drug laws, and programs of prevention, education, outreach, intervention, and referral.

<b>Reg ID</b>	<b>Sec</b>	<b>Type</b>	<b>Days</b>	<b>Time</b>	<b>Date</b>	<b>Room</b>	<b>Instructor</b>
<a href="#">86978</a>	101	Lec	M	06:15 PM—09:20 PM	01/30/17— 05/26/17	B208	Flores, Jose

#### [ADS 077B - Supervised Practicum B 2.00 Units](#)

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

Prerequisite: ADS 077A with C or better

Corequisite: ADS 138 - Requires 2 units of concurrent enrollment in ADS-138. Students complete clinical practice hours in an approved chemical dependency treatment clinic according to CAADAC/CCAPP standards. Students in this second practicum will partici

Students complete the clinical counseling experience hours in an approved chemical dependency treatment facility. Direct supervision is provided by a staff person meeting CAADAC approved standards. Students apply and integrate acquired knowledge and values. This "learning by doing" practicum fulfills the 255 hours required for certification essential to adequate preparation for professional practice.

<b>Reg ID</b>	<b>Sec</b>	<b>Type</b>	<b>Days</b>	<b>Time</b>	<b>Date</b>	<b>Room</b>	<b>Instructor</b>
<a href="#">86979</a>	101	Lec	M	06:15 PM—08:05 PM	01/30/17— 05/26/17	GE121	Casper, Pauline

#### [ADS 078 - Integrated Behavioral Health 3.00 Units](#)

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

Students will study the differences in mental health and chemical dependency treatment cultures. They will review the key DSM5 diagnostic categories that appear in addiction treatment and approaches to assessment and treatment planning that address mental health, physical health, and substance abuse disorders. Students will examine psychotropic medication and the interaction with medication assisted approaches to treatment, as well as barriers to effective treatment. Professional ethics and scope of practice will also be covered.

<b>Reg ID</b>	<b>Sec</b>	<b>Type</b>	<b>Days</b>	<b>Time</b>	<b>Date</b>	<b>Room</b>	<b>Instructor</b>
<a href="#">87688</a>	101	Lec	TH	06:15 PM—09:20 PM	01/30/17— 05/26/17	B204	Cook, Mary

#### [ADS 080 - Addiction/Criminal Justice Pop 2.00 Units](#)

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

Students examine the addiction disease process and its role in criminality. Students will explore the criminal justice response to addiction, and historical and current trends in addressing the needs of the addicted offender in county, state, and federal incarceration settings.

<b>Reg ID</b>	<b>Sec</b>	<b>Type</b>	<b>Days</b>	<b>Time</b>	<b>Date</b>	<b>Room</b>	<b>Instructor</b>
<a href="#">86981</a>	101	Online			01/30/17— 03/24/17		Cook, Mary

This is an online class.

#### [ADS 081 - Criminal Justice & Addicts 2.00 Units](#)

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

Students explore addiction treatment services and intervention at each segment of the criminal justice system. The sectors covered in this course include: community policing, points of arrest, initial interventions for first-time offense, drug courts, response to relapse, prison services, and services regarding reentry into society.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86982</a>	101	Online			04/03/17— 05/19/17		Cook, Mary

This is an online class.

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

**Grading:** 0 | **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.

Occupational Work Experience is designed for students who work or volunteer in a field related to their vocational major. Students are required to provide evidence that they are enrolled in a vocational program (e.g., educational plan or coursework in a vocational subject area). The Alternate Plan is designed to allow students attend school one semester and work the next. A maximum of 8 units of Occupational Work Experience credit may be earned during any one semester, to a maximum of 16 units total. Students may only take one (if any) class in addition to work experience while they are enrolled in WE 138. Enrolled in an accredited secondary program. Internship/job placement is not guaranteed.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86983</a>	101	Work experience			01/30/17— 05/26/17		Cook, Mary
<a href="#">86984</a>	102	Work experience			01/30/17— 05/26/17		Casper, Pauline

[AIRC 121 - Air Conditioning Principles 4.00 Units](#)

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

Students will study concepts of electricity, control, and electrical loads found on air conditioning and refrigeration circuits. The course includes both the theory and practices of electricity applicable to the air conditioning and refrigeration industries.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87482</a>	101	Lec	TTH	07:00 PM—08:20 PM	01/30/17— 05/26/17	107L	Parent, Daniel
	101	Lab	TTH	05:30 PM—06:50 PM	01/30/17— 05/26/17	107C	Parent, Daniel
<a href="#">87721</a>	103	Lec	TTH	07:00 PM—08:20 PM	01/30/17— 05/26/17	107L	Parent, Daniel
	103	Lab	TTH	08:30 PM—09:50 PM	01/30/17— 05/26/17	107C	Parent, Daniel

[AIRC 122 - Refrigeration Principles 4.00 Units](#)

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

Students will study concepts of the vapor compression refrigeration system. The course includes both the theory and practice applicable to the mechanical function of air conditioning and refrigeration systems.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87484</a>	101	Lec	MW	07:00 PM—08:20 PM	01/30/17— 05/26/17	208L	Moran, Dennis
	101	Lab	MW	05:30 PM—06:50 PM	01/30/17— 05/26/17	107C	Moran, Dennis
<a href="#">87720</a>	103	Lec	MW	07:00 PM—08:20 PM	01/30/17— 05/26/17	207J	Moran, Dennis
	103	Lab	MW	08:30 PM—09:50 PM	01/30/17— 05/26/17	208L	Moran, Dennis

[AIRC 131 - Intermediate Air Conditioning 4.50 Units](#)

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

Prerequisite: AIRC 121 and AIRC 122, both with C or better

This course specifically covers service, construction, and repair of medium to large central air conditioning systems. Students learn about comfort air conditioning systems, mechanical refrigeration systems, psychrometrics, humidification process, dehumidification process, duct systems, and Fan Laws. Students will also cover service procedures for central air conditioning systems.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87486</a>	101	Lec	W	06:00 PM—06:50 PM	01/30/17— 05/26/17	209L	Cronan, Jonathan
	101	Lec	M	06:00 PM—08:50 PM	01/30/17— 05/26/17	209	Cronan, Jonathan
	101	Lab	W	07:00 PM—08:20 PM	01/30/17— 05/26/17	208	Cronan, Jonathan
<a href="#">87487</a>	102	Lec	T	08:30 AM—12:35 PM	01/31/17— 03/23/17	208	Cronan, Jonathan
	102	Lec	W	08:30 AM—12:35 PM	01/31/17— 03/23/17	210	Cronan, Jonathan
	102	Lab	TH	08:30 AM—11:35 AM	01/31/17— 03/23/17	208L	Cronan, Jonathan

[AIRC 132 - Refrigeration Service 4.50 Units](#)

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

Prerequisite: AIRC 121 and AIRC 122, both with C or better

Students study the servicing of commercial refrigeration systems and applied thermodynamics. Students examine topics including the design and construction of walk-in coolers and freezers, cooling towers, piping and accessories, 3-phase load and control circuits. Green and sustainable energy concepts are also covered. Students study for and are able to take the EPA certification exam onsite.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87488</a>	101	Lec	T	06:00 PM—08:50 PM	01/30/17— 05/26/17	208	Cronan, Jonathan
	101	Lec	TH	06:00 PM—06:50 PM	01/30/17— 05/26/17	208	Cronan, Jonathan
	101	Lab	TH	07:00 PM—08:20 PM	01/30/17— 05/26/17	208	Cronan, Jonathan

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

**Grading: 0** | **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
<a href="#">87749</a>	101	Work experience			02/13/17— 05/26/17		Parent, Daniel

#### [AIRC 142 - Air Conditioning Control Sys 4.00 Units](#)

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

Prerequisite: AIRC 131 and AIRC 132 both with C or better

Students will study theory, application, and operation of Heating, Ventilating, and Air Conditioning (HVAC) control systems including electric, pneumatic, solid state, and digital control systems. Students will also study Energy Management Systems (EMS) and building applications, and green technology including fire/smoke, lighting, and heating and ventilation controls.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87489</a>	101	Lec	W	05:45 PM—09:50 PM	01/30/17— 05/26/17	208	Penning, Kent

#### [AIRC 145 - Sheet Metal 2.00 Units](#) (Materials Fee: \$15)

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

Students are introduced to the concepts of design, construction, and installation of sheet metal for the air conditioning industry. Students will learn the fundamentals of sheet metal working processes, such as layout, cutting, forming, and fabrication, and will apply these fundamentals to hands-on lab projects.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87490</a>	101	Lec	F	05:30 PM—06:20 PM	01/30/17— 05/26/17	207L	Cannizzaro, Cassidy
	101	Lab	F	06:30 PM—09:35 PM	01/30/17— 05/26/17	207L	Cannizzaro, Cassidy

#### [AJ 010 - Intro to Admin of Justice 3.00 Units](#)

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

Students are introduced to the history and philosophy of administration of justice including law enforcement, the courts, and corrections. Students study the responsibilities of criminal justice agents, legal frameworks, and the role of the justice system in a pluralistic society. Students will also explore the concepts of crime causation, punishments and rehabilitation, and training standards of criminal justice personnel.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86989</a>	101	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	GE127	Neumer, Keith
<a href="#">86990</a>	102	Online			01/30/17— 05/26/17		Bradshaw, Paul

This is an online class.

#### [AJ 011 - Criminal Law 3.00 Units](#)

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

Students study concepts of criminal law including history, philosophy, and legal structure. Students will examine definitions and

classifications of crime, case law analysis, the court system, and the U.S. Constitution. Students will also explore crimes against person, property crimes, and the legal system as a social and cultural ideology.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86991</a>	101	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	GE127	Singh, Ranjan

[AJ 013 - Criminal Procedures 3.00 Units](#)

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

Students are introduced to the history, legal terminology, and principles of criminal procedures. Students will examine constitutional provisions, interpretation of statutory and case law, legal aspects of arrest, rules governing search and seizure, and institutional responsibilities of the criminal justice system within a multicultural society.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86992</a>	101	Lec	T	06:15 PM—09:20 PM	01/30/17— 05/26/17	GE127	Vaughn, Linda

[AJ 015 - Intro Criminal Investigation 3.00 Units](#)

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

Students are introduced to fundamental principles and procedures of criminal investigation including crime scene management, documentation methods, rules of evidence, and interviewing and interrogation. Students will also examine modus operandi, sources of information, chain of custody, and investigative techniques related to persons and property crimes.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86994</a>	101	Lec	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	GE127	Millard, Robert

[AJ 104 - Report Writing 3.00 Units](#)

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

Students will learn the importance of complete and accurate reporting of events for the judicial process. Students will cover grammar, sentence structure, organization, content, and modus operandi in law enforcement report writing. Emphasis will be placed on Penal Code Section 11107 requirements and felony and misdemeanor crimes. It is strongly recommended for Administration of Justice students who intend to enroll in Law Enforcement Academy and Reserve Officer Training courses.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86997</a>	101	Lec	TH	06:15 PM—09:20 PM	01/30/17— 05/26/17	GE127	Vaughn, Linda

[AJ 112 - Introduction to Evidence 3.00 Units](#)

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

Students examine the history, legal standards, and social aspects of the rules of evidence including burden of proof, rules governing admissibility, hearsay, relevance, and types of evidence. Students will also explore judicial considerations, documentary evidence, and issues relating to witness examination and competency, and privileges.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86999</a>	101	Online			01/30/17— 05/26/17		Torre, Kenneth

This is an online class.

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

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

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.

Occupational 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/occupational 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/Occupational 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
<a href="#">87006</a>	101	Work experience			01/30/17— 05/26/17		Monahan, Christopher

[AJ 139 - Public Safety Comm Service 3.00 Units](#)

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

Students in this course prepare for public safety professional support careers including Community Service Officer, Explorer, and other ancillary-support functions. Role and responsibility of law enforcement support staff and basic duties including crime

reporting, investigations, parking enforcement, integrity of evidence, and interacting with a diverse community will be explored.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87001</a>	101	Lec	MW	01:45 PM—03:05 PM	03/06/17— 05/24/17	GE127	Monahan, Christopher
	101	Lec	F	09:00 AM—04:50 PM	04/21/17— 04/21/17	GE127	Monahan, Christopher
	101	Lec	F	09:00 AM—04:50 PM	05/05/17— 05/05/17	GE127	Monahan, Christopher

[ANTH 062 - Intro to Physical Anthropology 3.00 Units](#)

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

Students are introduced to the field of Physical Anthropology including the subtopics of biological, forensic, and medical anthropology. The course is designed to give students a general knowledge of biocultural evolution adaptation, sociobiology, applied anthropology, archaeology, comparative methodology, empiricism, and hypothesis testing. Students will also study the origins of the species, the development of culture and language, the domestication of plants and animals, and the rise of agriculture, civilization, warfare, disease, famine, and other issues of contemporary civilizations.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87065</a>	101	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	B204	Khamis, Joulyana

[ANTH 063 - Intro-Social and Cultural Anth 3.00 Units](#)

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

Students are introduced to the field of social and cultural anthropology. Topics include the development of the field of anthropology, the concept of culture, language and communication, patterns of subsistence and economic systems. Other topics covered are sex and marriage, family, kinship and descent, political systems, spirituality, religion, the arts, and the challenge of globalization.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87709</a>	101	Lec	TTH	03:15 PM—04:40 PM	01/30/17— 05/26/17	MIL-L1	Khamis, Joulyana

[APE 030E - Adapted Fitness for Life 1.00 Units](#)

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

Prerequisite: Students need written verification of a disability and an Adapted Physical Education health verification medical referral form provided by a physician on file in the DSPS office and to the instructor, prior to the first day of class.

Students with disabilities learn how to improve general fitness levels, improve muscular strength, and improve cardiovascular endurance.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">85967</a>	101	Lab	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	309	Rafat, Tait
<a href="#">85968</a>	102	Lab	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	309	Rafat, Tait

[APE 053E - Adap Low Imp Walk/Jog for Hlth 1.00 Units](#)

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

Prerequisite: Students need written verification of a disability and an Adapted Physical Education health verification medical referral form provided by a physician on file in the DSPS office and to the instructor, prior to the first day of class

Students with disabilities are introduced to the benefits of exercise through walking and jogging and to the principles of exercise which will increase cardiovascular conditioning, endurance and flexibility. Adaptations will be integrated per the disability.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">85971</a>	101	Lab	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	TRK	Rafat, Tait

[APE 056E - Adapted Weight Training 1.00 Units](#)

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

Prerequisite: Students need written verification of a disability and an Adapted Physical Education health verification medical referral form provided by a physician on file in the DSPS office and to the instructor, prior to the first day of class.

Students with physical disabilities will learn how to improve muscular strength and conditioning. Students will learn adaptive weight training skills and techniques, and how to utilize specialized equipment to enhance muscular strength, muscular endurance, and general fitness. Students must present written verification of a disability provided by a physician or physical therapist.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">85969</a>	101	Lab	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	309	Rafat, Tait
<a href="#">85970</a>	102	Lab	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	309	Rafat, Tait

[ART 012 - Two Dimensional Design 3.00 Units](#)

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

Students are introduced to the theories and applications of two-dimensional (flat surface) form in visual art and design. Students will use a variety of media, tools, and techniques in studying line form, volume, space, value, texture, balance, proportion, movement, light and contrast. The course may include field trips.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87007</a>	101	Lec	MW	09:15 AM—10:05 AM	01/30/17— 05/26/17	A214	Kennedy, Deborah
	101	Lab	MW	10:15 AM—12:05 PM	01/30/17— 05/26/17	A214	Kennedy, Deborah

[ART 014 - Color Theory 3.00 Units](#)

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

Students study the principles, theories, and applications of additive and subtractive color in two dimensions. Topics will include major historical and contemporary color systems and the elements of design as they apply to color. Students will produce projects in applied color.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87008</a>	101	Lec	TTH	09:15 AM—10:05 AM	01/30/17— 05/26/17	A214	Brook-Kothlow, Ingrid
	101	Lab	TTH	10:15 AM—12:05 PM	01/30/17— 05/26/17	A214	Brook-Kothlow, Ingrid

[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 and sketchbooks.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87009</a>	101	Lec	MW	12:15 PM—01:05 PM	01/30/17— 05/26/17	A217	Bell, Judith
	101	Lab	MW	01:15 PM—03:05 PM	01/30/17— 05/26/17	A217	Bell, Judith
<a href="#">87010</a>	102	Lec	TTH	09:15 AM—10:05 AM	01/30/17— 05/26/17	A217	Mathias, Eve
	102	Lab	TTH	10:15 AM—12:05 PM	01/30/17— 05/26/17	A217	Mathias, Eve

[ART 027A - Illustration 1 3.00 Units](#)

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

Prerequisite: ART 024 with C or better

Recommended: ART 012

Students are introduced to illustration techniques and applications. Students will work in a variety of media to produce illustrations for specific topics and genres. Field trips may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87617</a>	101	Lec	MW	12:15 PM—01:05 PM	01/30/17— 05/26/17	A214	Mathias, Eve
	101	Lab	MW	01:15 PM—03:05 PM	01/30/17— 05/26/17	A214	Mathias, Eve

[ART 040 - Ceramic Sculpture 1 3.00 Units](#) (Materials Fee: \$30)

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

Prerequisite: ART 046A or ART 013 with C or better

Students are introduced to expressive and technical principles in ceramic sculpture. Students will study the techniques and history of ceramic sculpture and develop a personal mode of expression and aesthetic development through class projects and research. Field trips will be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87011</a>	101	Lec	MW	12:15 PM—01:05 PM	01/30/17— 05/26/17	A213	Gregor, Michelle
	101	Lab	MW	01:15 PM—03:05 PM	01/30/17— 05/26/17	A118	Gregor, Michelle

[ART 042 - Beginning Sculpture 1 3.00 Units](#) (Materials Fee: \$28)

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

Students are introduced to three-dimensional sculptural principles, techniques, and concepts utilizing a range of materials and practices. Students will practice various sculptural methods are practiced with attention to creative self-expression and historical context. A field trip may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87012</a>	101	Lec	MW	12:15 PM—01:05 PM	01/30/17— 05/26/17	A213	Gregor, Michelle



101 Lab MW 01:15 PM—03:05 PM 01/30/17— 05/26/17 A118 Gregor, Michelle

[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 it's place in human history and world culture will be covered. Field trips may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87013</a>	101	Lec	TTH	12:15 PM—01:05 PM	01/30/17— 05/26/17	A213	McGinley, John
	101	Lab	TTH	01:15 PM—03:05 PM	01/30/17— 05/26/17	A118	McGinley, John
<a href="#">87014</a>	102	Lec	MW	06:15 PM—07:05 PM	01/30/17— 05/26/17	A213	Gregor, Michelle
	102	Lab	MW	07:15 PM—09:05 PM	01/30/17— 05/26/17	A118	Gregor, Michelle
<a href="#">87015</a>	103	Lec	S	09:15 AM—11:05 AM	01/30/17— 05/26/17	A213	Gregor, Michelle
	103	Lab	S	11:15 AM—03:20 PM	01/30/17— 05/26/17	A118	Gregor, Michelle

[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
<a href="#">87016</a>	101	Lec	TTH	12:15 PM—01:05 PM	01/30/17— 05/26/17	A213	McGinley, John
	101	Lab	TTH	01:15 PM—03:05 PM	01/30/17— 05/26/17	A118	McGinley, John
<a href="#">87017</a>	102	Lec	MW	06:15 PM—07:05 PM	01/30/17— 05/26/17	A213	Gregor, Michelle
	102	Lab	MW	07:15 PM—09:05 PM	01/30/17— 05/26/17	A118	Gregor, Michelle
<a href="#">87018</a>	103	Lec	S	09:15 AM—11:05 AM	01/30/17— 05/26/17	A213	Gregor, Michelle
	103	Lab	S	11:15 AM—03:20 PM	01/30/17— 05/26/17	A118	Gregor, Michelle

[ART 055A - Life Drawing I 3.00 Units](#)

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

Prerequisite: ART 024 with C or better

This is an advanced transfer-track course of the Visual Art program. It teaches students to draw the human figure from live models. Through practicing from "life", and not photos, students will be able to develop and refine their observation and rendering skills. Various methods of approach and techniques will be explored. Practical emphasis on the elements and principles of design and drawing will allow students to synthesize their knowledge from previous courses and practice the basics of proportion, modeling, perspective and anatomy.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87019</a>	101	Lec	MW	09:15 AM—10:05 AM	01/30/17— 05/26/17	A217	Mathias, Eve
	101	Lab	MW	10:15 AM—12:05 PM	01/30/17— 05/26/17	A217	Mathias, Eve

[ART 055B - Life Drawing II 3.00 Units](#)

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

Prerequisite: ART 055A with C or better

Students continue to examine and explore the drawing of the human figure, with emphasis on further practice of techniques while developing a personal artistic direction. Topics covered will include development of composition, use of multiple figures, integration of color, theme development, and exploration of expressive style, portraiture, and clothed and draped figures.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87020</a>	101	Lec	MW	09:15 AM—10:05 AM	01/30/17— 05/26/17	A217	Mathias, Eve
	101	Lab	MW	10:15 AM—12:05 PM	01/30/17— 05/26/17	A217	Mathias, Eve

[ART 071 - Introduction to Media Arts 3.00 Units](#)

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

Recommended: Students should be familiar with computers and external devices such as cameras

Students will study key concepts of interactive media. Topics include its hardware and software, current applications, tools and techniques, aesthetics, and content development. Students will also develop a short multimedia piece.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
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<a href="#">87722</a>	102	Lec	MW	10:45 AM—11:35 AM	01/30/17— 05/26/17	T303	Rufeisen, Eduardo
	102	Lab	MW	11:45 AM—12:50 PM	01/30/17— 05/26/17	T303	Rufeisen, Eduardo
	102	Lab	F	09:00 AM—03:15 PM	03/17/17— 03/24/17	T401	Rufeisen, Eduardo
	102	Lab	F	09:00 AM—03:15 PM	05/19/17— 05/26/17	T401	Rufeisen, Eduardo

### [ART 072 - Computer Graphics 3.00 Units](#)

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

Recommended: Cross-platform computer literacy and file management competency are highly recommended

Students learn fundamental concepts and practices of creating computer graphics. Topics will include using design elements, creating layouts, working among software programs, using scanners, digital cameras and other input devices, and printing. Students will apply the foundational principles and elements of design in a computer setting.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87023</a>	101	Lec	F	09:15 AM—11:05 AM	01/30/17— 05/26/17	T303	Golder, Carla
	101	Lab	F	11:15 AM—03:20 PM	01/30/17— 05/26/17	T303	Golder, Carla

### [ART 078 - Digital Video 3.00 Units](#)

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

Students will learn how to shoot, download, edit, and digitize video for use in a variety of media. Topics will include an overview of tools available for digital video production, selecting and/ or creating video, audio and graphic elements, digitizing and editing video and audio elements. Copyright and legal issues will be discussed. Field trips may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87024</a>	101	Lec	TTH	02:30 PM—03:20 PM	01/30/17— 05/26/17	T303	Sempek, Colby
	101	Lec	TTH	02:30 PM—03:20 PM	01/30/17— 05/26/17	T303	MacGowan, Ciaran
	101	Lab	TTH	03:30 PM—05:20 PM	01/30/17— 05/26/17	T303	Sempek, Colby
	101	Lab	TTH	03:30 PM—05:20 PM	01/30/17— 05/26/17	T303	MacGowan, Ciaran

### [ART 079A - Web Design 1 3.00 Units](#)

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

Students will study the key concepts of building well-designed and functional web sites. Topics will include analysis of web architecture, an introduction to HTML and CSS (Cascading Style Sheets), creation of web appropriate graphics, designing for different devices, and web accessibility issues

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87025</a>	101	Lec	MW	02:30 PM—03:20 PM	01/30/17— 05/26/17	T401	Blumeneau, Audrey
	101	Lab	MW	03:30 PM—05:20 PM	01/30/17— 05/26/17	T401	Blumeneau, Audrey

### [ART 079B - Web Design 2 3.00 Units](#)

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

Prerequisite: ART 079A with C or better

Students who have completed Web Design 1 will take their skills to the next level. Students will study topics that will include analysis and deconstruction of web sites, advanced design concepts, integrating media, designing for multiple platforms, and an exploration of the latest technology. Students will be expected to work independently.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87026</a>	101	Lec	MW	02:30 PM—03:20 PM	01/30/17— 05/26/17	T401	Blumeneau, Audrey
	101	Lab	MW	03:30 PM—05:20 PM	01/30/17— 05/26/17	T401	Blumeneau, Audrey

### [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
<a href="#">87027</a>	101	Lec	TTH	12:15 PM—01:05 PM	01/30/17— 05/26/17	A213	McGinley, John
	101	Lab	TTH	01:15 PM—03:05 PM	01/30/17— 05/26/17	A118	McGinley, John
<a href="#">87028</a>	102	Lec	MW	06:15 PM—07:05 PM	01/30/17— 05/26/17	A213	Gregor, Michelle
	102	Lab	MW	07:15 PM—09:05 PM	01/30/17— 05/26/17	A118	Gregor, Michelle
<a href="#">87029</a>	103	Lec	S	09:15 AM—11:05 AM	01/30/17— 05/26/17	A213	Gregor, Michelle

[ART 090 - Art Appreciation 3.00 Units](#)**Grading:** L | **Advisory Level** — **Read: 4** | **Write: 4** | **Math:**

Students will develop an appreciation of the visual arts, aesthetics, and creative process. They are introduced to the analysis of art in terms of form, function, process, content, and themes. Students receive a broad overview of the visual arts, its elements and principles, media, techniques, and terminology. Students will also examine the role of art criticism and aesthetics in a historical and cultural context. Field trips may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87030</a>	101	Lec	F	09:00 AM—12:05 PM	01/30/17— 05/26/17	GE123	Harris-Sintamarian, Emanuela

[ART 091 - Art History-Prehistoric-Gothic 3.00 Units](#)**Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math:**

Students will study Western and Non-Western art history from the Prehistoric through the Gothic periods. Course content emphasizes painting, sculpture, and architecture from the most important centers of culture, and how art reflects historical, social, political, and religious attitudes of the time. Comparative analysis of styles and artists with critical evaluation of aesthetics will be included. Topics may include prehistoric, Egyptian, Greek, Roman, Early Christian, Romanesque, Byzantine, Islamic, Medieval, and Gothic, plus units on major artistic movements that have occurred in Africa, the Americas, and Asia. A field trip may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87031</a>	101	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	GE123	Adkins, Jason

[ART 092 - Art History-Renaissance to Pres 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
<a href="#">87032</a>	101	Lec	TTH	01:45 PM—03:05 PM	01/30/17— 05/26/17	A112	Connor, Allison
<a href="#">87033</a>	102	Lec	M	06:15 PM—09:20 PM	01/30/17— 05/26/17	A112	Harris-Sintamarian, Emanuela

[ART 095 - Watercolor 1 3.00 Units](#)**Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Recommended: ART 014 and ART 024

Students will learn techniques and the use of basic materials of watercolor painting. Course content includes tool and material selection, and standard techniques. Topics covered may include wash, wet into wet, wet on dry, glazing, and the use of masking. Color theory and composition are emphasized to enable students to create a series of finished paintings.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87034</a>	101	Lec	TTH	12:15 PM—01:05 PM	01/30/17— 05/26/17	A214	Bell, Judith
	101	Lab	TTH	01:15 PM—03:05 PM	01/30/17— 05/26/17	A214	Bell, Judith

[ART 095B - Watercolor 2 3.00 Units](#)**Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Prerequisite: ART 095 with C or better

Students expand their technique and knowledge of materials of watercolor painting in this intermediate-level course. Course content includes intermediate techniques and further exploration of tools and materials. Students will use creative problem-solving and experimentation to develop their aesthetic expression.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87035</a>	101	Lec	TTH	12:15 PM—01:05 PM	01/30/17— 05/26/17	A214	Bell, Judith
	101	Lab	TTH	01:15 PM—03:05 PM	01/30/17— 05/26/17	A214	Bell, Judith

[ART 098 - Directed Study 9.00V Units](#)**Grading:** O | **Advisory Level** — **Read: 2** | **Write: 2** | **Math:**

Individual or small groups of students 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 in consultation with the Division Dean 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
<a href="#">87698</a>	101				01/30/17— 05/26/17		Gregor, Michelle
<a href="#">87746</a>	102				01/30/17— 05/26/17		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
<a href="#">87218</a>	101	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	S213	Christen, Oliver
	101	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	S213	Smay, Jessica
<a href="#">87219</a>	102	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	S213	Christen, Oliver
	102	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	S213	Smay, Jessica
<a href="#">87220</a>	103	Online	M	12:15 PM—01:20 PM	01/30/17— 05/26/17	S213	Smay, Jessica

This is a hybrid class. Part of the class will be taught online.

<a href="#">87221</a>	104	Lec	W	06:15 PM—09:20 PM	01/30/17— 05/26/17	S213	Christen, Oliver
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#### [ASTRO 010L - Intro Lab General Astronomy 1.00 Units](#)

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

Prerequisite: ASTRO 010 with C or better

Corequisite: Or concurrent enrollment in ASTRO 010

ASTRO 010L is an introductory laboratory course in general astronomy. Students will make observations with portable telescopes on campus and use computer simulations to help visualize astronomical events. Students will make use of models to reproduce the apparent motion of planets and stars in the sky. They will investigate the properties of light and how our view of astronomical phenomena is affected by those properties. They will also explore astronomy in the news including current NASA missions and the search for signs of life's footprints outside of Earth. ASTRO 010L satisfies the CSU lab science requirement if taken in the same semester with ASTRO 010.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87222</a>	101	Lab	M	06:15 PM—09:20 PM	01/30/17— 05/26/17	S213	Adham, Nargis

#### [BIOL 004A - General Principles & Cell Biol 5.00 Units](#)

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

Prerequisite: MATH 013 and ENGL (092 or 104) and CHEM 001A; all with C or better

Recommended: Recently completed biology course with high B or better in high school or college (i.e. Biol 20, Biol 21).

Biology 004A is a lecture lab course and the first of a two term sequence for students interested a career in the sciences, teaching, medicine, or biochemistry. Students explore scientific method, biochemistry, cell structure and function, bioenergetics, cell reproduction, Mendelian inheritance, molecular genetics, biotechnology, evolution of the genome, and some biochemical laboratory techniques for proteins and DNA. Field trips may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87223</a>	101	Lec	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	S123	Hurst, Karen
	101	Lab	MW	08:45 AM—11:50 AM	01/30/17— 05/26/17	S130	Hurst, Karen
<a href="#">87224</a>	102	Lec	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	S123	Hurst, Karen
	102	Lab	MW	02:00 PM—05:05 PM	01/30/17— 05/26/17	S130	Hurst, Karen

#### [BIOL 004B - Organismal Bio & Biodiversity 5.00 Units](#)

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

Prerequisite: BIOL 004A with C or better or equivalent

Biology 004B is the second course in a two semester majors-level sequence for students preparing for careers in the sciences, science education, or medicine. This lecture and laboratory course emphasizes the form and function, evolution, and biodiversity of unicellular and multicellular organisms. Topics include protists, fungi, plants, and animals including the

phylogenetic relationships among major taxa, macroevolution and Earth history, ecology, and adaptation. Science, the scientific method, and laboratory techniques are also covered. Field trips may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87225</a>	101	Lec	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	S204	Newton, Mark
	101	Lab	MW	08:45 AM—11:50 AM	01/30/17— 05/26/17	S133	Newton, Mark
<a href="#">87226</a>	102	Lec	MW	06:00 PM—07:20 PM	01/30/17— 05/26/17	S133	Hubbard, Jonathan
	102	Lab	MW	07:30 PM—10:35 PM	01/30/17— 05/26/17	S133	Hubbard, Jonathan

#### [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
<a href="#">87227</a>	101	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	S122	Datta, Sanhita
	101	Lab	T	11:15 AM—02:20 PM	01/30/17— 05/26/17	S133	Datta, Sanhita
<a href="#">87228</a>	102	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	S122	Datta, Sanhita
	102	Lab	TH	11:15 AM—02:20 PM	01/30/17— 05/26/17	S133	Datta, Sanhita
<a href="#">87229</a>	103	Lec	T	02:30 PM—05:35 PM	01/30/17— 05/26/17	S133	Datta, Sanhita
	103	Lab	TH	02:30 PM—05:35 PM	01/30/17— 05/26/17	S133	Datta, Sanhita
<a href="#">87230</a>	104	Lec	T	06:15 PM—09:20 PM	01/30/17— 05/26/17	S133	Sainten, Adrienne
	104	Lab	TH	06:15 PM—09:20 PM	01/30/17— 05/26/17	S133	Sainten, Adrienne
<a href="#">87231</a>	105	Lec	S	09:15 AM—12:20 PM	01/30/17— 05/26/17	S133	Krylova, Irina
	105	Lab	S	01:00 PM—04:05 PM	01/30/17— 05/26/17	S133	Krylova, Irina

#### [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
<a href="#">87232</a>	101	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	S123	Fitzgerald, Matthew
	101	Lab	M	12:40 PM—03:45 PM	01/30/17— 05/26/17	S134	Fitzgerald, Matthew
<a href="#">87233</a>	102	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	S123	Fitzgerald, Matthew
	102	Lab	W	12:40 PM—03:45 PM	01/30/17— 05/26/17	S134	Fitzgerald, Matthew
<a href="#">87234</a>	103	Lec	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	S122	Drazkiewicz, Aneta
	103	Lab	T	12:40 PM—03:45 PM	01/30/17— 05/26/17	S134	Drazkiewicz, Aneta
<a href="#">87236</a>	105	Lec	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	S122	Johnson, Robert
	105	Lab	M	08:40 AM—11:45 AM	01/30/17— 05/26/17	S134	Johnson, Robert
<a href="#">87237</a>	106	Lec	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	S122	Johnson, Robert
	106	Lab	W	08:40 AM—11:45 AM	01/30/17— 05/26/17	S134	Johnson, Robert
<a href="#">87239</a>	107	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	S205	Hurst, Karen
	107	Lab	T	08:40 AM—11:45 AM	01/30/17— 05/26/17	S134	Hurst, Karen
<a href="#">87240</a>	108	Lec	M	06:15 PM—09:20 PM	01/30/17— 05/26/17	S123	Keys, Sherri
	108	Lab	T	06:15 PM—09:20 PM	01/30/17— 05/26/17	S134	Keys, Sherri
<a href="#">87241</a>	109	Lec	M	06:15 PM—09:20 PM	01/30/17— 05/26/17	S123	Keys, Sherri
	109	Lab	W	06:15 PM—09:20 PM	01/30/17— 05/26/17	S134	Keys, Sherri

#### [BIOL 061 - Human Heredity 3.00 Units](#)

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

Students will study the importance of human heredity in our lives, emphasizing the rapidly changing areas of human heredity and specific genetic disorders. The course includes the role of genetics in medicine, agriculture, and recombinant DNA Technology, and will explore the role and importance of genetic counselors and the genetic tests for disorders. This course is designed for non-science majors.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87242</a>	101	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	S204	Rojo, Carlos

[BIOL 066 - Botany 3.00 Units](#)

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

Students study plant anatomy, physiology, cellular morphology, and the ecological and social issues concerning plants. Students will also examine terrestrial and aquatic organisms and their evolution. BIOL 066 is a course designed to introduce majors and non-majors to plant biology. Field trips are required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87243</a>	101	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	S203	Mejia, Dionne

[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
<a href="#">87245</a>	101	Lec	TTH	10:50 AM—12:10 PM	01/30/17— 05/26/17	S123	D'Eliscu, Peter
	101	Lab	TTH	07:35 AM—10:40 AM	01/30/17— 05/26/17	S126	D'Eliscu, Peter
<a href="#">87246</a>	102	Lec	TTH	10:50 AM—12:10 PM	01/30/17— 05/26/17	S123	D'Eliscu, Peter
	102	Lab	TTH	02:00 PM—05:05 PM	01/30/17— 05/26/17	S126	D'Eliscu, Peter
<a href="#">87247</a>	103	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	S205	Koppikar, Saneet
	103	Lab	TTH	10:45 AM—01:50 PM	01/30/17— 05/26/17	S126	Koppikar, Saneet
<a href="#">87248</a>	104	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	S203	D'Eliscu, Peter
	104	Lab	MW	07:30 AM—10:35 AM	01/30/17— 05/26/17	S126	D'Eliscu, Peter
<a href="#">87249</a>	105	Lec	MW	06:00 PM—07:20 PM	01/30/17— 05/26/17	S122	Cabanilla, Joanne
	105	Lab	MW	07:30 PM—10:35 PM	01/30/17— 05/26/17	S126	Cabanilla, Joanne

[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 are introduced to cellular physiology and metabolism. Students study the physiological processes of the human body systems including nervous, endocrine, muscular, urinary, respiratory, sensory, digestive, cardiovascular and reproductive. Other topics include disease and the loss of homeostasis in the body. This course is designed for college degrees in nursing, physical and occupational therapy, and certain science and preprofessional majors.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87250</a>	101	Lec	MW	02:00 PM—03:20 PM	01/30/17— 05/26/17	S123	Rojo, Carlos
	101	Lab	MW	10:45 AM—01:50 PM	01/30/17— 05/26/17	S126	Rojo, Carlos
<a href="#">87251</a>	102	Lec	MW	02:00 PM—03:20 PM	01/30/17— 05/26/17	S123	Rojo, Carlos
	102	Lab	MW	03:30 PM—06:35 PM	01/30/17— 05/26/17	S126	Rojo, Carlos
<a href="#">87252</a>	103	Lec	TTH	05:00 PM—06:20 PM	01/30/17— 05/26/17	S123	Taylor, David
	103	Lab	TTH	06:30 PM—09:35 PM	01/30/17— 05/26/17	S126	Taylor, David

[BIOL 074 - General Microbiology 5.00 Units](#)

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

Prerequisite: CHEM 001A or CHEM 015 or CHEM 030A (EVC) or CHEM 032A or CHEM 065 and BIOL 004A or BIOL 071 or BIOL 072

Students are introduced to the structure and activities of microorganisms, including bacteria, viruses, protozoa, fungi, helminths, and algae. Students will study the principles of microbial control, metabolism, environmental microorganism genetics, genetic engineering, disease, modes of infection, and immunity. Emphasis is on aseptic laboratory technique and the application of microbiology to human welfare.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87253</a>	101	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	S122	Daniel, Ann
	101	Lab	TTH	08:30 AM—11:35 AM	01/30/17— 05/26/17	S132	Daniel, Ann

<a href="#">87254</a>	102	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	S122	Daniel, Ann
	102	Lab	TTH	01:45 PM—04:50 PM	01/30/17— 05/26/17	S132	Gosavi, Nirmal
<a href="#">87255</a>	103	Lec	TTH	05:15 PM—06:35 PM	01/30/17— 05/26/17	S122	Stryker, Joel
	103	Lab	TTH	06:45 PM—09:50 PM	01/30/17— 05/26/17	S132	Stryker, Joel

#### [BIOL 098 - Directed Study 0.50 Units](#)

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

Individual or small groups of students 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 in consultation with the Division Dean 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
<a href="#">87758</a>	101				02/14/17— 05/26/17		Hurst, Karen

#### [BROAD 042A - Intro Radio Broadcast & Theory 3.00 Units](#)

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

Students will be introduced to the theory, fundamentals and practices of radio production. They will develop basic knowledge and skills needed for live and pre-recorded broadcasting. Students will operate radio equipment, use audio editing software, and write and broadcast within a variety of radio formats.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86492</a>	101	Lec	W	03:00 PM—05:25 PM	01/30/17— 05/26/17	T212	Gebhart, Elizabeth
	101	Lab	M	03:00 PM—04:20 PM	01/30/17— 05/26/17	T212	Gebhart, Elizabeth

#### [BROAD 042B - Intermediate Radio Production 3.00 Units](#)

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

Prerequisite: BROAD 042A with C or better

Students will increase understanding of broadcasting fundamentals, including on-air performance, technical operations, history, government regulations, and industry standards. Students will be introduced to station management skills. Field trips may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86493</a>	101	Lec	W	03:00 PM—05:25 PM	01/30/17— 05/26/17	T212	Gebhart, Elizabeth
	101	Lab	M	03:00 PM—04:20 PM	01/30/17— 05/26/17	T212	Gebhart, Elizabeth

#### [BROAD 042C - Advanced Radio Production 3.00 Units](#)

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

Prerequisite: BROAD 042B with C or better

Students will study advanced on-air presentation, station management and operations, and multi-platform broadcasting. Students will manage, operate equipment, and lead on-air programs for the campus radio station. Field trips may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86494</a>	101	Lec	W	03:00 PM—05:25 PM	01/30/17— 05/26/17	T212	Gebhart, Elizabeth
	101	Lab	M	03:00 PM—04:20 PM	01/30/17— 05/26/17	T212	Gebhart, Elizabeth

#### [BUS 007A - Business Language Skills 3.00 Units](#)

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

Students use and apply English language skills for business letter writing. Students practice and study grammar, word and number usage, punctuation, vocabulary, spelling, and other mechanics that apply to business writing.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87467</a>	101	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	T213	Johnson, Christina

#### [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
<a href="#">87468</a>	101	Online			01/30/17— 05/26/17		Layman, Norma

This is a hybrid class. Part of the class will be taught online.

#### [BUS 060 - Business 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 statistics with an emphasis on business applications. Students will learn how to collect, analyze, interpret, and present numerical data for the purpose of making more effective decisions. Students will cover topics including collection and presentation of data, measures of central value and spread, probability, sampling methods, estimation via confidence intervals, hypothesis testing, and regression and correlation. This course requires the use of quantitative skills acquired in intermediate algebra and finite math.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87470</a>	101	Lec	M	06:00 PM—09:05 PM	01/30/17— 05/26/17	T313	Shee, Steven

#### [BUS 068 - Small Business Management 3.00 Units](#)

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

Students will study the basic elements of starting and managing a small business. Students study management fundamentals including planning, organizing, staffing, directing, and controlling the business. Students learn how to develop a business plan which includes: site location, legal form of business, capital requirements, raising capital, cash flow budget, and marketing and promotional plans.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87471</a>	101	Lec	M	06:00 PM—09:05 PM	01/30/17— 05/26/17	T312	Lahai, Momoh

#### [BUS 071 - Legal Environment of Business 3.00 Units](#)

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

Students study laws and regulations affecting business decisions including legal concepts and cases in the areas of ethics, business torts, contracts, consumer and merchant sales, competition, business environment, agency, employment and business organizations.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87472</a>	101	Lec	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	T424	Pham, Phu
<a href="#">87473</a>	102	Lec	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	T424	Pham, Phu
<a href="#">87474</a>	103	Lec	W	06:00 PM—09:05 PM	01/30/17— 05/26/17	T424	Pham, Phu

#### [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
<a href="#">87475</a>	101	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	T424	Lahai, Momoh
<a href="#">87476</a>	102	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	T424	Speight, Lonnie
<a href="#">87477</a>	103	Lec	W	06:00 PM—09:05 PM	01/30/17— 05/26/17	T312	Lahai, Momoh
<a href="#">87478</a>	104	Online			01/30/17— 05/26/17		Shan, Wenlei

This is an online class.

<a href="#">87708</a>	106	Lec	MW	03:15 PM—04:40 PM	01/30/17— 05/26/17	MIL-C1	Jiang, Lan
<a href="#">87748</a>	107	Online			02/13/17— 05/26/17		Shan, Wenlei

This is an online class.

#### [BUS 112 - Advertising/Promotion/Sales 3.00 Units](#)

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

Students are introduced to the fast-changing field of advertising and promotion. Students will study advertising through the integrated marketing communications approach. Topics include the marketing communication (Marcom) process and



challenges, advertising decision making and management, and product and service promotions. Students will also study ethical, environmental and regulatory issues in Marcom and examine the role of various kinds of advertising media in product and service promotion.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87479</a>	101	Lec	TH	06:00 PM—09:05 PM	01/30/17— 05/26/17	T312	Lahai, Momoh

#### [BUS 124 - International Marketing 3.00 Units](#)

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

Students study the essentials of marketing in the global market emphasizing areas necessary for developing and implementing a successful international marketing operation. Topics include: the dynamic global economy, differences in cultural, legal, political, social and economic systems, product development, pricing strategies, selection of distribution channels, logistics management, promotional strategies, negotiation styles, and personal selling.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87480</a>	101	Lec	T	06:00 PM—09:05 PM	01/30/17— 05/26/17	T312	Lahai, Momoh

#### [BUS 126 - Retail Management 3.00 Units](#)

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

Students are introduced to the principles and practices of retail management. Topics covered include: site location, store design, staffing, merchandise strategy, pricing, advertising, and promotion.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87481</a>	101	Lec	F	09:00 AM—12:05 PM	01/30/17— 05/26/17	T312	Lahai, Momoh

#### [CA 040D - MS Word 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 specialist level features 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 advanced table features.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87458</a>	101	Lab			01/30/17— 05/26/17	T202	Branom, Mark

Students must attend one lab session per week for CA 040D, 045D, 050D, 055D, 060D, 065D, 070D, 075D at one of the lab sessions: Wednesday: 1:00-4:05 pm, in T202 and T203 Wednesday: 6:00-9:05 pm, in T202 and T203 Thursday: 1:00-4:05 pm, in T202 and T203 Friday: 1:00-4:05 pm, in T202 and T203

#### [CA 045D - Microsoft Word Expert 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
<a href="#">87459</a>	101	Lab			01/30/17— 05/26/17	T202	Branom, Mark

Students must attend one lab session per week for CA 040D, 045D, 050D, 055D, 060D, 065D, 070D, 075D at one of the lab sessions: Wednesday: 1:00-4:05 pm, in T202 and T203 Wednesday: 6:00-9:05 pm, in T202 and T203 Thursday: 1:00-4:05 pm, in T202 and T203 Friday: 1:00-4:05 pm, in T202 and T203

#### [CA 050D - MS Excel 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 specialist level features of Excel to create charts, work with built in mathematical functions, create tables, and manage large worksheets. Students will work with graphics and diagrams and save files under different file formats. Students will create excel databases as well as sort and filter data.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87460</a>	101	Lab			01/30/17— 05/26/17	T202	Branom, Mark

Students must attend one lab session per week for CA 040D, 045D, 050D, 055D, 060D, 065D, 070D, 075D at one of the lab sessions: Wednesday: 1:00-4:05 pm, in T202 and T203 Wednesday: 6:00-9:05 pm, in T202 and T203 Thursday: 1:00-4:05 pm, in T202 and T203 Friday: 1:00-4:05 pm, in T202 and T203

[CA 055D - MS Excel Expert 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 use the expert level 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.

<b>Reg ID</b>	<b>Sec</b>	<b>Type</b>	<b>Days</b>	<b>Time</b>	<b>Date</b>	<b>Room</b>	<b>Instructor</b>
<a href="#">87461</a>	101	Lab			01/30/17— 05/26/17	T202	Branom, Mark

Students must attend one lab session per week for CA 040D, 045D, 050D, 055D, 060D, 065D, 070D, 075D at one of the lab sessions: Wednesday: 1:00-4:05 pm, in T202 and T203 Wednesday: 6:00-9:05 pm, in T202 and T203 Thursday: 1:00-4:05 pm, in T202 and T203 Friday: 1:00-4:05 pm, in T202 and T203

[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 specialist level features of Microsoft Access to create database objects such as tables, queries, forms, and reports. Students will import and export data and use templates and wizards to create reports. The course will focus on concepts of good relational database design and building different types of queries.

<b>Reg ID</b>	<b>Sec</b>	<b>Type</b>	<b>Days</b>	<b>Time</b>	<b>Date</b>	<b>Room</b>	<b>Instructor</b>
<a href="#">87462</a>	101	Lab			01/30/17— 05/26/17	T203	Branom, Mark

Students must attend one lab session per week for CA 040D, 045D, 050D, 055D, 060D, 065D, 070D, 075D at one of the lab sessions: Wednesday: 1:00-4:05 pm, in T202 and T203 Wednesday: 6:00-9:05 pm, in T202 and T203 Thursday: 1:00-4:05 pm, in T202 and T203 Friday: 1:00-4:05 pm, in T202 and T203

[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 use expert level features of Microsoft Access to customize forms and reports, create macros, Pivot Tables, and Pivot Charts, integrate with other applications, secure databases, and write SQL statements. Students learn to group, sort, and perform summary calculations in reports, create main forms and subforms, and add subreports to main reports. They will learn to import and export data between Access, Excel, and Word.

<b>Reg ID</b>	<b>Sec</b>	<b>Type</b>	<b>Days</b>	<b>Time</b>	<b>Date</b>	<b>Room</b>	<b>Instructor</b>
<a href="#">87463</a>	101	Lab			01/30/17— 05/26/17	T203	Branom, Mark

Students must attend one lab session per week for CA 040D, 045D, 050D, 055D, 060D, 065D, 070D, 075D at one of the lab sessions: Wednesday: 1:00-4:05 pm, in T202 and T203 Wednesday: 6:00-9:05 pm, in T202 and T203 Thursday: 1:00-4:05 pm, in T202 and T203 Friday: 1:00-4:05 pm, in T202 and T203

[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 specialist level features of Microsoft PowerPoint including creating new presentation, formatting, enhancing presentations with animation, video, tables, and charts. Students will also learn how to create templates, review, publish, compare, combine, and protect presentations.

<b>Reg ID</b>	<b>Sec</b>	<b>Type</b>	<b>Days</b>	<b>Time</b>	<b>Date</b>	<b>Room</b>	<b>Instructor</b>
<a href="#">87464</a>	101	Lab			01/30/17— 05/26/17	T203	Branom, Mark

Students must attend one lab session per week for CA 040D, 045D, 050D, 055D, 060D, 065D, 070D, 075D at one of the lab sessions: Wednesday: 1:00-4:05 pm, in T202 and T203 Wednesday: 6:00-9:05 pm, in T202 and T203 Thursday: 1:00-4:05 pm, in T202 and T203 Friday: 1:00-4:05 pm, in T202 and T203

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

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

Recommended: Touch-keyboarding of 25 wpm, and completion of CA 070D is strongly recommended.

Students will learn the expert level features of Microsoft PowerPoint including applying advanced graphic techniques and inserting and embedded audio and video, delivering a presentation and using tables and pie charts in presentations. They will also learn about publishing presentations.

<b>Reg ID</b>	<b>Sec</b>	<b>Type</b>	<b>Days</b>	<b>Time</b>	<b>Date</b>	<b>Room</b>	<b>Instructor</b>
<a href="#">87465</a>	101	Lab			01/30/17— 05/26/17	T203	Branom, Mark

Students must attend one lab session per week for CA 040D, 045D, 050D, 055D, 060D, 065D, 070D, 075D at one of the lab sessions: Wednesday: 1:00-4:05 pm, in T202 and T203 Wednesday: 6:00-9:05 pm, in T202 and T203 Thursday: 1:00-4:05 pm, in T202 and T203 Friday: 1:00-4:05 pm, in T202 and T203

[CA 100D - MS Office 3.00 Units](#)

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

Prerequisite: CA 010A

Recommended: Basic touch keyboarding skill of at least 25 net words a minute.

Students will gain practical hands-on experience in creating business documents using the current version of Microsoft Office applications. Students will learn to create, format and integrate Word and Excel documents, Access databases and PowerPoint presentations.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87466</a>	101	Lec	TH	06:00 PM—08:25 PM	01/30/17— 05/26/17	T202	Branom, Mark
	101	Lab	TH	08:35 PM—09:55 PM	01/30/17— 05/26/17	T202	Branom, Mark

[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
<a href="#">87256</a>	101	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	S204	Burce, Gary
	101	Lab	MW	12:35 PM—03:40 PM	01/30/17— 05/26/17	S209	Burce, Gary
<a href="#">87257</a>	102	Lec	TTH	10:50 AM—12:10 PM	01/30/17— 05/26/17	S204	Fisher, Gary
	102	Lab	TTH	07:35 AM—10:40 AM	01/30/17— 05/26/17	S209	Esfandiari, Melody
<a href="#">87258</a>	103	Lec	TTH	10:50 AM—12:10 PM	01/30/17— 05/26/17	S204	Fisher, Gary
	103	Lab	TTH	12:30 PM—03:35 PM	01/30/17— 05/26/17	S209	Fisher, Gary
<a href="#">87259</a>	104	Lec	MW	05:00 PM—06:20 PM	01/30/17— 05/26/17	S209	Guha, Nisha
	104	Lab	MW	06:30 PM—09:35 PM	01/30/17— 05/26/17	S209	Guha, Nisha

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

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

Prerequisite: CHEM 001A with C or better

Students will study topics including organic chemistry, thermodynamics, chemical kinetics, chemical equilibrium, electrochemistry, coordination compounds, and nuclear chemistry. The laboratory emphasizes qualitative and quantitative analysis of inorganic compounds and introduces electronic instrumentation. This course is a continuation of CHEM 001A, the second semester of a one year college level general chemistry sequence.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87260</a>	101	Lec	TTH	12:30 PM—01:50 PM	01/30/17— 05/26/17	S202	Wilcox, Allan
	101	Lab	TTH	09:00 AM—12:05 PM	01/30/17— 05/26/17	S212	Wilcox, Allan
<a href="#">87261</a>	102	Lec	TTH	12:30 PM—01:50 PM	01/30/17— 05/26/17	S202	Wilcox, Allan
	102	Lab	TTH	02:00 PM—05:05 PM	01/30/17— 05/26/17	S212	Song, John
<a href="#">87262</a>	103	Lec	TTH	05:45 PM—07:05 PM	01/30/17— 05/26/17	S212	Shah, Jigisha
	103	Lab	TTH	07:15 PM—10:20 PM	01/30/17— 05/26/17	S212	Shah, Jigisha

[CHEM 010 - Everyday Chemistry 4.00 Units](#)

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

Prerequisite: MATH 111 with P grade

Students will study how chemistry impacts their everyday life. This course includes topics that address socio-cultural aspects of chemistry such as consumer products, and food production and nutrition. Students will also examine the design, use, and life cycle of synthetic materials and their environmental impact. This course is geared for non-science majors or for students without previous background in science.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87263</a>	101	Online			01/30/17— 05/26/17		Lazik, Iyun

This is an online class.

[CHEM 012A - Organic Chemistry 5.00 Units](#)**Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Prerequisite: CHEM 001B with C or better

This is the first semester of a year-long comprehensive organic chemistry course with emphasis on structure, reaction mechanisms, and kinetics. Students will study topics that include nomenclature, stereochemistry, mechanisms, reactions, and spectroscopic studies of organic compounds. They will use problem-solving techniques in order to elucidate mechanistic, structural, and stereochemical features of reactions and molecules, respectively. In lectures and laboratory students will implement methods that focus on synthesis, isolation, purification, elucidation, and identification of organic structures, instrumental methods, and data interpretation.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87264</a>	101	Lec	MW	07:35 AM—08:55 AM	01/30/17— 05/26/17	S205	Lazik, Iyun
	101	Lab	MW	09:05 AM—12:10 PM	01/30/17— 05/26/17	S208	Lazik, Iyun
<a href="#">87265</a>	102	Lec	TTH	05:45 PM—07:05 PM	01/30/17— 05/26/17	S203	Jahangir, Alam
	102	Lab	TTH	07:15 PM—10:20 PM	01/30/17— 05/26/17	S208	Jahangir, Alam

[CHEM 012B - Organic Chemistry 5.00 Units](#)**Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Prerequisite: CHEM 012A with C or better

The second semester of a year-long organic chemistry course designed to follow Chemistry 12A. Students will study topics including nomenclature, stereochemistry, mechanisms, reactions, and spectroscopic studies of aliphatic and aromatic alcohols, aldehydes, ketones, acids, and other classes of organic and biological compounds. Students will use problem-solving techniques in order to elucidate mechanistic and structural and stereochemical features of reactions and molecules, respectively. In lectures and laboratory students will implement methods that focus on synthesis, isolation, purification, elucidation and identification of organic structures, instrumental methods and data interpretation.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87266</a>	101	Lec	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	S202	Nguyen, Kimloan
	101	Lab	TTH	12:30 PM—03:35 PM	01/30/17— 05/26/17	S208	Nguyen, Kimloan
<a href="#">87267</a>	102	Lec	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	S202	Nguyen, Kimloan
	102	Lab	TTH	07:30 AM—10:35 AM	01/30/17— 05/26/17	S208	Nguyen, Kimloan

[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
<a href="#">87268</a>	101	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	S202	Lazik, Iyun
	101	Lab	T	10:45 AM—01:50 PM	01/30/17— 05/26/17	S211	Lazik, Iyun
<a href="#">87269</a>	102	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	S202	Lazik, Iyun
	102	Lab	TH	10:45 AM—01:50 PM	01/30/17— 05/26/17	S211	Lazik, Iyun
<a href="#">87270</a>	103	Lec	MW	11:00 AM—12:20 PM	01/30/17— 05/26/17	S202	Song, John
	103	Lab	M	07:45 AM—10:50 AM	01/30/17— 05/26/17	S211	Song, John
<a href="#">87271</a>	104	Lec	MW	02:15 PM—03:35 PM	01/30/17— 05/26/17	S211	Song, John
	104	Lab	M	03:45 PM—06:50 PM	01/30/17— 05/26/17	S211	Carlson, William
<a href="#">87276</a>	105	Lec	M	06:15 PM—09:20 PM	01/30/17— 05/26/17	S204	Dipietro, Richard
	105	Lab	W	06:15 PM—09:20 PM	01/30/17— 05/26/17	S211	Dipietro, Richard
<a href="#">87278</a>	106	Lec	M	06:15 PM—09:20 PM	01/30/17— 05/26/17	S204	Dipietro, Richard
	106	Lab	TH	06:15 PM—09:20 PM	01/30/17— 05/26/17	S211	Dipietro, Richard

[CHEM 032A - Intro Gen, Organ & Biol Chem 4.00 Units](#)**Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 2**

Students will learn the basic principles of chemistry with emphasis on descriptive rather than theoretical chemistry. Students

will study topics including the scientific method, classification and properties of matter; measurement and the metric system, atomic structure; chemical periodicity; states of matter; chemical nomenclature; ionic and covalent bonding; types of chemical reactions; mass relationships; the mole concept; properties of electrolytes; chemical equilibria and energetics; and a brief introduction to nuclear medicine. This course is designed to support students majoring in allied health-related fields. This is a first semester course in introductory chemistry.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87281</a>	101	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	S205	Adamczeski, Madeline
	101	Lab	M	11:00 AM—02:05 PM	01/30/17— 05/26/17	S212	Nguyen, Kimloan
<a href="#">87282</a>	102	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	S204	Adamczeski, Madeline
	102	Lab	TH	02:00 PM—05:05 PM	01/30/17— 05/26/17	S211	Adamczeski, Madeline
<a href="#">87283</a>	103	Lec	M	06:15 PM—09:20 PM	01/30/17— 05/26/17	S212	Ibrahim, Sami
	103	Lab	W	06:15 PM—09:20 PM	01/30/17— 05/26/17	S212	Ibrahim, Sami

#### [CHEM 032B - Intro Gen, Organ & Biol Chem 4.00 Units](#)

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

Prerequisite: CHEM 032A or CHEM 015 or CHEM 001A; all with C or better

This is a second-semester course in introductory chemistry covering the major classes of organic and biochemical compounds as they relate to the chemistry of life processes (i.e. metabolic pathways). Students will study hydrocarbons including aromatics, as well as alcohols, phenols, ethers, thiols, disulfides, alkyl halides, amines, aldehydes, ketones, carboxylic acids and derivatives thereof (i.e. esters, amides), carbohydrates, lipids, amino acids, vitamins, enzymes, polymers and nucleic acids. The course is designed to support students majoring in allied health-related fields and the emergency technician programs.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87284</a>	101	Lec	M	11:00 AM—02:05 PM	01/30/17— 05/26/17	S205	Adamczeski, Madeline
	101	Lab	W	11:00 AM—02:05 PM	01/30/17— 05/26/17	S211	Adamczeski, Madeline

#### [CHEM 098 - Directed Study 0.50 Units](#)

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

Prerequisite: Completion of the following course(s) and project approval is required by sponsoring faculty, division dean, and Vice President of Academic Affairs. CHEM-015 or CHEM-032A; both with C or better

Individual or small groups of students, with previous course work 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 in consultation with the Division Dean 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
<a href="#">87760</a>	101				02/14/17— 05/26/17		Ibrahim, Sami
<a href="#">87761</a>	102				02/14/17— 05/26/17		Song, John
<a href="#">87762</a>	103				02/14/17— 05/26/17		Carlson, William
<a href="#">87763</a>	104				02/14/17— 05/26/17		Wilcox, Allan
<a href="#">87780</a>	105				02/14/17— 05/26/17		Adamczeski, Madeline

#### [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 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
<a href="#">87500</a>	101	Online			01/30/17— 05/26/17		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
<a href="#">87501</a>	101	Online			01/30/17— 03/25/17		Sengal, Kidane

This is an online class.

#### [CIS 017B - Windows Server 3.00 Units](#)

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

Prerequisite: CIS 017A with C or better

Students will acquire skills installing, planning, implementing, configuring and maintaining the Windows Server 2008 operating system. Students are introduced to Active Directory and account management, printing, managing data storage, network services, deploying Internet Information Server (IIS) services and Certificate Authority, remote access services, server and network monitoring. The course also includes information on virtualization, application services, data provisioning, backup and data recovery, and managing system reliability and availability.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87502</a>	101	Online			03/27/17— 05/26/17		Sengal, Kidane

This is an online class.

#### [CIS 018C - Scaling Networks 3.00 Units](#)

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

Prerequisite: CIS 018B with C or better

Students acquire knowledge of how Cisco switches are interconnected and configured to provide network access to LAN users. Students also learn how to integrate wireless devices into a LAN. Students acquire the skills necessary to plan and implement small networks using IP routers, basic switches, and wireless access points.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87672</a>	101	Lec	MW	06:00 PM—08:25 PM	01/30/17— 03/22/17	T201	Tajrishi, Majid
	101	Lab	MW	08:35 PM—09:55 PM	01/30/17— 03/22/17	T201	Tajrishi, Majid

#### [CIS 018D - Connecting Networks 3.00 Units](#)

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

Prerequisite: CIS 018C with C or better

Students acquire knowledge of WAN technology used to provide network access to resources across large geographical locations. Students study topics including network security and dynamic IP addressing services that are necessary to implement small networks for a range of applications. Students acquire the skills necessary for implementing WAN using Cisco networks.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87673</a>	101	Lec	MW	06:00 PM—08:25 PM	03/27/17— 05/24/17	T201	Tajrishi, Majid
	101	Lab	MW	08:35 PM—09:55 PM	03/27/17— 05/24/17	T201	Tajrishi, Majid

#### [CIS 020A - Advanced XML 3.00 Units](#)

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

Recommended: Completion of CIS 020, or equivalent, is strongly recommended

Students will study XML markup language to develop advanced, real world applications. Topics will include XML schema languages, web services, APIs, and databases.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87503</a>	101	Online			01/30/17— 05/26/17		Branom, Mark

This is an online class.

#### [CIS 022 - Database Technology 3.00 Units](#)

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

Students will learn how to create a database, implement using SQL (Structured Query Language), and create access to the Internet. Students will study database concepts, structure, access methods, and design considerations. The class will focus on object-relational databases.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87657</a>	101	Online			01/30/17— 05/26/17		Sengal, Kidane

This is an online class.

#### [CIS 024C - Python Programming 3.00 Units](#)

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

Students will study how to use Python, a programming language, to create stand-alone and web-based applications. Students will acquire skills necessary for open source web development.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87671</a>	101	Online			01/30/17— 05/26/17		Tsao, Chung-Wen

This is an online class.

[CIS 037 - SQL Fundamentals 3.00 Units](#)

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

Students study how to use the industry standard database language - SQL (Structured Query Language), to access and manipulate relational databases. Topics include simple and multiple queries, transaction processing, database creation, dynamic and embedded SQL, and data warehousing.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87505</a>	101	Online			01/30/17— 05/26/17		Mandyam, Srinivasan

This is an online class. The orientation meeting is Thursday, Feb 2, 2017 in room T212 from 6:00-7:00 pm.

[CIS 038 - Programming the Mobile Web 3.00 Units](#)

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

Students study how to create effective and rich experiences for mobile web browsers. Students also learn how to create offline applications that will be installed in the device's application menu.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87506</a>	101	Online			01/30/17— 05/26/17		Mandyam, Srinivasan

This is an online class. The orientation meeting for class is Thursday, Feb 2, 2017 in room T212 from 7:00-8:00 pm.

[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
<a href="#">87515</a>	101	Lec	M	09:15 PM—10:05 PM	01/30/17— 05/26/17	T213	Lundie, Clem
	101	Lec	M	06:00 PM—08:05 PM	01/30/17— 05/26/17	T213	Lundie, Clem
	101	Lab	M	08:15 PM—09:05 PM	01/30/17— 05/26/17	T213	Lundie, Clem
<a href="#">87516</a>	102	Lec	TH	06:00 PM—08:05 PM	01/30/17— 05/26/17	T213	Lundie, Clem
	102	Lec	TH	09:15 PM—10:05 PM	01/30/17— 05/26/17	T213	Lundie, Clem
	102	Lab	TH	08:15 PM—09:05 PM	01/30/17— 05/26/17	T213	Lundie, Clem
<a href="#">87517</a>	103	Lec	W	10:45 AM—01:50 PM	01/30/17— 05/26/17	T205	Gee, Larry
	103	Lab	W	02:00 PM—02:50 PM	01/30/17— 05/26/17	T205	Gee, Larry
<a href="#">87518</a>	104	Lec	TH	10:45 AM—01:50 PM	01/30/17— 05/26/17	T205	Gee, Larry
	104	Lab	TH	02:00 PM—02:50 PM	01/30/17— 05/26/17	T205	Gee, Larry
<a href="#">87519</a>	105	Online			01/30/17— 05/26/17		Sengal, Kidane
<a href="#">87520</a>	106	Online			01/30/17— 05/26/17		Lundie, Clem

This is an online class.

[CIS 047 - Apache, PHP, MySQL 3.00 Units](#)

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

Students will study how to build and maintain industry-class websites. Students will study the basics of open-source web-server (Apache). Students will gain knowledge to use and implement the most widely used open-source server-side scripting language (PHP) along with the most popular open-source relational database (MySQL).

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87507</a>	101	Online			01/30/17— 05/26/17		Branom, Mark

This is an online class.

### [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
<a href="#">87508</a>	101	Online			01/30/17— 05/26/17		McElroy, Daniel

This is an online class.

<a href="#">87650</a>	102	Lec	M	10:45 AM—01:10 PM	01/30/17— 05/26/17	T202	Tsao, Chung-Wen
	102	Lab	W	10:45 AM—12:05 PM	01/30/17— 05/26/17	T202	Tsao, Chung-Wen

This course is part of the SJCC AMP program: a cohort-based learning community seeking to increase the number of students in the fields of engineering and computer science. This program is open to all SJCC students. For more info and to apply, contact Tam-Nhu.Nguyen@sjcc.edu

<a href="#">87736</a>	104	Lec	T	06:15 PM—09:05 PM	02/14/17— 05/25/17	MIL-TECH	Ho, Jack
	104	Lab	TH	06:15 PM—07:45 PM	02/14/17— 05/25/17	MIL-TECH	Dorairaj, Sanjay

### [CIS 055 - Data Structures 3.00 Units](#)

**Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 5**

Prerequisite: CIS 054 or CIS 084, both with C or better

Students learn a language-independent treatment of topics including computer organization, data formats, recursion, and abstract data types. Data structures covered include abstract data types, arrays, pointers, link lists, stacks, queues, trees, heaps, hash tables, and graphs. Applications of recursion are discussed in detail. Techniques for sorting and searching, as well as measuring algorithm performance and data structure efficiency using Big-O notation, are presented.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87509</a>	101	Lec	M	06:00 PM—08:25 PM	01/30/17— 05/26/17	T212	Tayco, Philip
	101	Lab	M	08:35 PM—09:55 PM	01/30/17— 05/26/17	T212	Tayco, Philip

### [CIS 060 - Systems Analysis and Design 3.00 Units](#)

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

Recommended: CIS 041 or CIT 010

Students apply the concepts of the systems analysis development cycle which includes problem definition; data collection, and analysis, analysis of system alternatives, determination of feasibility, development of the system proposal, pilot or prototype systems development, systems design, program development, systems implementation, systems review, and evaluation.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87510</a>	101	Lec	T	10:45 AM—01:50 PM	01/30/17— 05/26/17	T205	Ren, Gui

### [CIS 062A - Intro PC Hardware/Diagnostics 2.00 Units](#)

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

Students acquire basic hands-on skills to operate and support today's personal computer (PC) hardware. Students study the hardware architecture and major components of the PC including processors, motherboards, memory, storage devices, peripherals, and video. This class prepares students to take more advanced CompTia A+ PC Technician courses.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87521</a>	101	Lec	TW	05:00 PM—07:20 PM	01/31/17— 03/02/17	T306	Lundie, Clem
	101	Lab	TW	07:30 PM—09:50 PM	01/31/17— 03/02/17	T306	Lundie, Clem

### [CIS 062B - A+ Core PC Hardware Tech 2.00 Units](#)

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

Prerequisite: CIS 062A with C or better

Students acquire the hands-on skills needed to diagnose hardware problems, configure PC components, and replace defective computer parts. Students learn how to install boards, configure multiple hard drives, add peripheral devices, work with network adapters, solve basic printer problems, and modify CMOS setups. Other topics include diagnostic software, hardware procedures, virtualization and hard drive imaging. This class prepares students for the CompTia A+ certification exam.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
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<a href="#">87522</a>	101	Lec	TW	05:00 PM—07:20 PM	03/07/17— 04/05/17	T306	Lundie, Clem
	101	Lab	W	07:30 PM—09:50 PM	03/07/17— 04/05/17	T306	Lundie, Clem

### [CIS 062C - A+ Core OS Technology 2.00 Units](#)

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

Prerequisite: CIS 062A with C or better

Students acquire the hands-on skills to diagnose, load and set up a wide array of operating systems. Topics include the use of the command prompt, essential utilities, boot files, file systems, OS installation procedures, Windows configuration, hard disk partitioning, backup, disaster recovery, virtualization, and hard disk imaging solutions. This class prepares students for the CompTia A+ certification exam.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87523</a>	101	Lec	TW	05:00 PM—06:50 PM	04/18/17— 05/24/17	T306	Lundie, Clem
	101	Lab	TW	07:00 PM—08:50 PM	04/18/17— 05/24/17	T306	Lundie, Clem

### [CIS 068 - Admin Microsoft SQL Server 3.00 Units](#)

**Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 4**

Prerequisite: CIS 017B with C or better

Students acquire skills needed to install and upgrade Microsoft SQL database. Topics include database storage configuration, database backup and restore, data security, disaster recovery, data replication, high availability, and troubleshooting. Students study guidelines for effective data management and administration of SQL server environment.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87511</a>	101	Lec	M	06:00 PM—08:25 PM	01/30/17— 05/26/17	T209	Workeneh, Yeheyis
	101	Lab	M	08:35 PM—09:55 PM	01/30/17— 05/26/17	T209	Workeneh, Yeheyis

### [CIS 073 - Visual Basic Programming 3.00 Units](#)

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

Visual Basic is a programming language that allows rapid development of the Microsoft Windows graphical user interface. Students will learn to use Visual Basic .NET concepts, tools, and programming methodology to create user friendly Microsoft Windows applications.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87512</a>	101	Online			01/30/17— 05/26/17		McElroy, Daniel

This is an online class.

### [CIS 084 - Java Programming 3.00 Units](#)

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

Recommended: CIS 41 or equivalent

Students are introduced to the Java programming language, data types, and control structures using an object-oriented approach. Topics include problem solving, classes, methods argument passing, GUI, input/output, Java libraries, applets, and exception handling.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87513</a>	101	Lec	T	06:00 PM—08:25 PM	01/30/17— 05/26/17	T212	Tayco, Philip
	101	Lab	T	08:35 PM—09:55 PM	01/30/17— 05/26/17	T212	Tayco, Philip

### [CIS 157 - Introduction to Unix/Linux 3.00 Units](#)

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

Students are introduced to the Unix/Linux operating systems. Topics covered include a basic editor, shells, directory and file structure, file permissions, passwords, security, redirection, pipes, filters, regular expressions and shell programming. Additional topics include the use of I/O devices, Internet access, and an introduction to system administration.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87514</a>	101	Lec	W	06:00 PM—08:25 PM	01/30/17— 05/26/17	T212	Workeneh, Yeheyis
	101	Lab	W	08:35 PM—09:55 PM	01/30/17— 05/26/17	T212	Workeneh, Yeheyis

### [CNSTR 101A - Tools, Materials, & Processes 4.00 Units](#) (Materials Fee: \$35)

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

Students will learn to properly use a variety of hand and power tools that are commonly utilized in constructing and repairing

houses. Students will also learn about materials used in the construction industry including dimensional and engineered lumber, manufactured and green building materials, and fasteners and adhesives. These tools and materials will be used to build projects in the shop. Students also learn how to choose the best tool for the job at hand and to use that tool efficiently and safely. This entry-level course to the construction industry is a prerequisite for several of the other Construction Technology courses.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87621</a>	101	Lec	MW	03:00 PM—04:20 PM	01/30/17— 05/26/17	CT113	Cota, Joe
	101	Lab	MW	04:30 PM—05:50 PM	01/30/17— 05/26/17	CT113	Cota, Joe

[CNSTR 101B - Residential Constr Framing 4.00 Units](#) (Materials Fee: \$45)

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

Corequisite: CNSTR 101A

Students are introduced to the requirements and techniques of properly framing residential structures per the Residential Code and local requirements. Students will layout, frame floors and ceilings, and plumb and line walls. Students will also acquire skills in laying subfloor, hanging shear wall and installing metal fasteners. Students will learn to read simple floor plans and identify foundation types and parts. Green building techniques will be stressed. Field trips may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87622</a>	101	Lec	MW	06:00 PM—07:20 PM	01/30/17— 05/26/17	CT112	Lomax, David
	101	Lab	MW	07:30 PM—08:50 PM	01/30/17— 05/26/17	CT111	Lomax, David

[CNSTR 102A - Residential Plumb Systems 3.00 Units](#) (Materials Fee: \$45)

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

Corequisite: CNSTR 101A

Students will be introduced to the concepts of residential plumbing systems and green technology. The course covers the theory and practice of plumbing for residential dwellings. Students will study topics including, but not limited to, drain, waste and vent design and installation, domestic water piping systems design and installation, gas piping systems design and installation, and plumbing fixture installation and repair.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87623</a>	101	Lec	MW	06:00 PM—06:50 PM	01/30/17— 05/26/17	CT112	Krause, Warren
	101	Lab	MW	07:00 PM—08:20 PM	01/30/17— 05/26/17	CT112	Krause, Warren

[CNSTR 102B - Residential/Commercial Wiring 4.00 Units](#)

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

Recommended: General math skills are needed for calculations.

Students will study the fundamentals of residential and commercial electrical wiring including electrical theory, installation of receptacles, switches, GFCIs (Ground Fault Circuit Interrupters), AFCIs (Arc Fault Circuit Interrupters), lighting devices and service panels. Students will develop a working knowledge of circuits, sizing conductors, box fill, load calculations, wiring diagrams, grounding requirements, circuit breakers and pipe bending. Electrical codes, symbols, energy saving technology, tools of the trade and safety will also be covered. This course meets the state requirement for entry level electricians to be get their trainee card.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87624</a>	101	Lec	S	08:30 AM—11:35 AM	01/30/17— 05/26/17	CT113	Hall, Lee
	101	Lab	S	11:45 AM—02:50 PM	01/30/17— 05/26/17	CT117	Hall, Lee
<a href="#">87718</a>	102	Lec	TTH	05:00 PM—06:50 PM	02/16/17— 05/18/17	CT117	Hall, Lee
	102	Lec	TTH	05:00 PM—06:50 PM	02/16/17— 05/18/17	CT117	Gorginian, Edward
	102	Lab	TTH	07:00 PM—08:50 PM	02/16/17— 05/18/17	CT118	Gorginian, Edward
	102	Lab	TTH	07:00 PM—08:50 PM	02/16/17— 05/18/17	CT118	Hall, Lee

[CNSTR 105 - Concrete Construction 4.00 Units](#)

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

Corequisite: CNSTR 101A

Students will be introduced to concepts associated with concrete and many applications of concrete in residential and commercial construction. Industry standards set by the American Concrete Institute and the American Society of Testing and Materials are presented. Students use transit and levels, set hubs and batter boards, construct concrete forms, bend reinforcing steel, and correctly mix, place, and finish concrete. Exposed aggregate, colored and stamped surface textures will be taught. Students will also study admixtures, curing methods, green and air entrained concrete, testing procedures, stair formwork, retaining walls, read blueprints and complete concrete materials estimates.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
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<a href="#">87625</a>	101	Lec	MW	01:45 PM—03:05 PM	01/30/17— 05/26/17	CT111	Lomax, David
	101	Lab	MW	03:15 PM—04:35 PM	01/30/17— 05/26/17	CT111	Lomax, David

[CNSTR 106 - Cnstr BP Rdg, Est, Codes/Spec 3.00 Units](#)

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

Students will be introduced to concepts associated with blueprint reading, sketching, and interpreting light commercial and residential drawings. Topics include construction materials, including green materials, building specifications, codes, and methods of estimating construction costs.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87626</a>	101	Lec	F	12:15 PM—03:40 PM	02/03/17— 05/19/17	CT112	Cota, Joe

[CNSTR 110 - Architect Drawing and Planning 3.00 Units](#) (Materials Fee: \$25)

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

Recommended: Completion of CNSTR 106

Students learn the fundamentals of designing a home, choosing the site area, and the most important factors involved in construction drawings using CADD (Computer Aided Design and Drafting) software. Students will prepare a set of drawings that include a plot plan; foundation, roof and floor plans; electrical and plumbing plans; sectional, detail and elevation views; door, window and finish schedules. The class will also study building codes, building methods, estimating using computer take offs and drawing illustration techniques. Each student will complete a complete set of drawings for their dream house.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87627</a>	101	Lec	TTH	05:00 PM—05:50 PM	01/30/17— 05/26/17	T205	Lowe, Leland
	101	Lab	TTH	06:00 PM—07:50 PM	01/30/17— 05/26/17	T205	Lowe, Leland

[CNSTR 115 - Blueprint Reading 2.00 Units](#)

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

Students will be introduced to blueprint reading, sketching, and interpreting of light commercial and residential drawings. It includes instruction in the recognition of construction materials, procedures, including green materials, Leadership in Energy and Environmental Design (LEED), Building Information Model (BIM), and specifications from blueprints. This course also covers trade-specific symbols found on construction drawings and specifications.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87628</a>	101	Lec	TTH	01:45 PM—05:50 PM	01/31/17— 02/23/17	CT114	Lomax, David

[CNSTR 117 - OSHA Safety Standards 1.00 Units](#)

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

Students will receive 10-hour outreach training which concentrates on OSHA safety for entry level construction workers. Students will be taught to recognize and prevent hazards which a worker may encounter at a construction site. Students will be issued a 10-hour OSHA card upon successful completion of the class.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87630</a>	101	Lec	F	05:00 PM—09:05 PM	02/03/17— 03/03/17	CT114	Abrami, Dan

[CNSTR 118 - Project Mgt for Construction 1.00 Units](#)

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

Students will be introduced to project management, time management, project organization, risk management, and effective management of people in the construction trades. Students will obtain a clearer understanding of the challenges and changes of residential and commercial workplace safety, equipment, and the construction industry as a whole.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87631</a>	101	Lec	TTH	01:45 PM—05:50 PM	02/28/17— 03/09/17	CT114	Lomax, David

[CNSTR 120 - Construction Building Code 2.00 Units](#)

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

Students will be introduced to the California Residential Code (CRC), which is based on the first ten chapters of the International Residential Code (IRC). Topics include interpreting and applying code regulations, requirements for obtaining building permits and the inspection process, and working cooperatively with building inspectors.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87632</a>	101	Lec	T	06:00 PM—10:05 PM	03/28/17— 05/23/17	CT114	Dean, Emanuel

### [CNSTR 125 - Green Construction 3.00 Units](#)

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

Students are introduced to the rapidly evolving field of sustainable construction, including healthy indoor environments, selection of green materials, and conservation of resources. Students study sustainable building practices, solar hot water, photovoltaic and radiant heat, improved insulation, lighting strategies, ERV (energy recovery ventilators) and HRV (heat recovery ventilators), deconstruction, optimum value engineering, SIPS (structurally insulated panel systems), ICF (insulated concrete forms), rammed earth, adobe, straw bale, green roofs, and earthcrete. Field trips are required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87633</a>	101	Lec	T	06:00 PM—09:50 PM	02/21/17— 05/26/17	CT114	Lomax, David

### [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
<a href="#">86445</a>	101	Lec	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	T304	McCallum, Leslyn
<a href="#">86446</a>	102	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	T304	McCallum, Leslyn
<a href="#">86447</a>	103	Lec	T	06:15 PM—09:20 PM	01/30/17— 05/26/17	T304	Tan, Xiaomei

### [COMS 018 - Intro to Communication Studies 3.00 Units](#)

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

Recommended: Prior completion of ENGL 001A is highly recommended

Students examine the discipline of communication studies with emphasis on multiple epistemological, theoretical, and methodological issues relevant to the systematic inquiry and pursuit of knowledge about human communication. Students explore the basic history, assumptions, principles, processes, variables, methods, and specializations of human communication as an academic field of study.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86448</a>	101	Lec	TTH	01:45 PM—03:05 PM	01/30/17— 05/26/17	T304	Lancaster, Christopher

### [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 are taught the skills of speechmaking. 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 will be required to attend speech activities outside of the classroom environment.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86450</a>	102	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	T210	Biagini, Joseph
<a href="#">86451</a>	103	Lec	F	09:15 AM—12:20 PM	01/30/17— 05/26/17	T210	Eckstone, Stephen
<a href="#">86452</a>	104	Lec	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	T313	Eckstone, Stephen
<a href="#">86453</a>	105	Lec	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	T210	Avila, Christina
<a href="#">86454</a>	106	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	T210	Giacalone, Shelley
<a href="#">86455</a>	107	Lec	TTH	01:45 PM—03:05 PM	01/30/17— 05/26/17	T210	Giacalone, Shelley
<a href="#">86456</a>	108	Lec	TTH	03:15 PM—04:35 PM	01/30/17— 05/26/17	T210	Giacalone, Shelley
<a href="#">86458</a>	109	Lec	M	06:15 PM—09:20 PM	01/30/17— 05/26/17	T210	Avila, Christina
<a href="#">86460</a>	110	Lec	W	06:15 PM—09:20 PM	01/30/17— 05/26/17	T210	Avila, Christina
<a href="#">87726</a>	113	Lec	M	06:15 PM—09:40 PM	02/13/17— 05/22/17	MIL-C1	Whitaker, Nathaniel

### [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 study communication transactions among members of differing cultures including definitions, perceptions, models, patterns, values, beliefs, customs, and attitudes that affect intercultural communication. Students will examine culture-specific modes of communication and identify factors that impede effective intercultural understanding.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86465</a>	101	Lec	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	T210	Giacalone, Shelley
<a href="#">86467</a>	102	Lec	TH	06:15 PM—09:20 PM	01/30/17— 05/26/17	T304	Lancaster, Christopher

[COMS 040 - Introduction to Argumentation 3.00 Units](#)

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

Students develop skills in argumentation theory, including methods of research, organization, and delivery of arguments. The primary emphasis is on developing logical and articulate arguments for claims. Critical listening and analytical thinking are developed through the application of argumentation theory to exemplary speeches, cases, debates, and briefs.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86469</a>	101	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	T313	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 study communication and decision making within the group context. Concepts such as group interaction; leadership, status and power; conflict and cohesiveness; rules and roles; verbal and nonverbal messages and problem-solving will be investigated.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86470</a>	101	Lec	TTH	07:45 AM—09:05 AM	01/30/17— 05/26/17	T210	Iyengar, Anya
<a href="#">86471</a>	102	Lec	F	09:15 AM—12:20 PM	01/30/17— 05/26/17	T304	Giacalone, Shelley
<a href="#">86472</a>	103	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	T304	McCallum, Leslyn
<a href="#">86474</a>	104	Lec	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	T304	McCallum, Leslyn
<a href="#">86475</a>	105	Lec	W	06:15 PM—09:20 PM	01/30/17— 05/26/17	T304	Eckstone, Stephen

[COS 010A - Cosmetology Freshman Theory 5.00 Units](#)

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

Corequisite: COS 105A

Students are introduced to the field of cosmetology, including history, career paths, professional image, and communication skills needed in a professional salon setting. Students focus on the structure, growth, and infection prevention of hair, skin, and nails. They also study chemical compounds in cosmetology products and their effect on the human body. Cosmetology 010A is the first course in a sequence required in cosmetology. This course, along with COS 010B, COS 105A, and COS 105B, meets the District lab science requirement for Cosmetology majors only.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87491</a>	101	Lec	MTWTHF	08:00 AM—08:50 AM	01/30/17— 05/26/17	T424	Banks, Roxie

[COS 010B - Cosmetology Senior Theory 5.00 Units](#)

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

Prerequisite: COS 010A with C or better

Corequisite: COS 105B

Students advance in theory skills learning in-depth information including electricity, light therapy, anatomy, physiology, rules and regulations of Board of Barbering and Cosmetology, business management and people skills. Students are required to keep a note-book and to write reports which include deductive reasoning and critical thinking. This course, along with COS 010A, COS 105A, and COS 105B, meets the District lab science requirement.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87493</a>	102	Lec	MTWTHF	08:00 AM—08:50 AM	01/30/17— 05/26/17	T418	Nassab, Renza

[COS 105A - Cosmetology Freshman Lab 16.00 Units](#)

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

Corequisite: COS 010A

Students will apply the technical and theoretical knowledge related to basic skills in cosmetology, current salon techniques, and trends. Emphasis is placed on application skills of hair coloring, permanent waving, chemical relaxing, hair styling, hair cutting, manicuring, facials, eyebrow arching, make-up, and scalp and hair treatments. Client safety and sanitary precautions for each practical service is emphasized. This course, along with COS 010A, COS 010B, and COS 105B, meets the District lab science requirement.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87494</a>	101	Lec	MTWTHF	09:00 AM—09:50 AM	01/30/17— 05/26/17	C105	Del Rosario-Fontela,

							Eugenia
101	Lec	MTWTHF	09:00 AM—09:50 AM	01/30/17— 05/26/17	C105		Honesto, Sandra
101	Lab	MTWTHF	10:00 AM—04:50 PM	01/30/17— 05/26/17	C105		Honesto, Sandra

[COS 105B - Cosmetology Senior Lab 16.00 Units](#)

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

Prerequisite: COS 105A with C or better

Corequisite: COS 010B

Students advance in lab skills learning in-depth manipulative techniques in hair styling, hair cutting, hair coloring, permanent waving, manicuring, makeup, facials, scalp massage, hair removal, shampooing, chemical relaxing, thermal styling, pedicures, artificial nails, and other procedures required by the Board of Barbering and Cosmetology. Students will also study the social, cultural, psychological, and business implications of a Cosmetology career. This course, along with COS 010A, COS 010B, and COS 105A, meets the District lab science requirement.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87495</a>	101	Lec	MTWTHF	09:00 AM—09:50 AM	01/30/17— 05/26/17	C105	Del Rosario-Fontela, Eugenia
	101	Lab	MTWTHF	10:00 AM—04:50 PM	01/30/17— 05/26/17	C105	Del Rosario-Fontela, Eugenia

[COS 130A - Esthetics I 11.00 Units](#)

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

Students will acquire the skills required to render professional services as an Esthetician. Students are provided with basic knowledge of the theory and practice pertaining to esthetics and skin care. Theory and practical training includes professional image and ethics, sanitation, disinfection, and safety, standard massage, client consultation, skin analysis, and makeup color theory. Students begin to prepare for the State board examination to obtain the Esthetician license. Students are required to attend a field trip. Esthetics I is the first course in a sequence of two in which students are required to complete 300 hours of practice on one another.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87498</a>	101	Lec	WTH	05:30 PM—07:35 PM	01/30/17— 05/26/17	C203	Lipilina, Yelena
	101	Lec	S	08:00 AM—09:50 AM	01/30/17— 05/26/17	C203	Lipilina, Yelena
	101	Lab	WTH	07:45 PM—09:50 PM	01/30/17— 05/26/17	C204	Weeks, Ada
	101	Lab	T	05:30 PM—09:50 PM	01/30/17— 05/26/17	C204	Weeks, Ada
	101	Lab	S	10:00 AM—04:20 PM	01/30/17— 05/26/17	C204	Weeks, Ada

[COS 130B - Esthetics II 11.00 Units](#)

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

Prerequisite: COS 130A with C or better

Students continue to develop skills required to render professional services on clients in the skin care industry. Theory and practical training includes the application of chemical peels, waxing, essential oils, and electrical apparatus. Students are required to attend a field trip. Esthetics II is designed for continuing students to complete the state board requirement of 600 hours.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87499</a>	101	Lec	S	08:00 AM—09:50 AM	01/30/17— 05/26/17	C203	Weeks, Ada
	101	Lec	T	05:30 PM—09:50 PM	01/30/17— 05/26/17	C203	Weeks, Ada
	101	Lab	S	10:00 AM—04:30 PM	01/30/17— 05/26/17	C204	Lipilina, Yelena
	101	Lab	WTH	05:30 PM—09:50 PM	01/30/17— 05/26/17	C204	Lipilina, Yelena

[COS X109 - Senior Lab Special Problems 13.00V Units](#)

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

Prerequisite: COS 010B and COS 105B, both with C or better

Continuing students attend this laboratory class in order to complete the Board of Barbering and Cosmetology state board licensing requirements of 1600 hours and credits. This course is variable unit (1.0 to 13.0 units) depending on the student's requirement needs.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87497</a>	101	Lec			01/30/17— 05/26/17	C102	Ramirez-Bost, Carol
	101	Lab			01/30/17— 05/26/17	C102	Ramirez-Bost, Carol

### [DANCE 002 - Dance Appreciation 3.00 Units](#)

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

Recommended: A solid command of the English language, particularly strong writing skills

Students will explore dance from an aesthetic, historic, and cultural point of view. Students will examine the elements of dance including body, space, time, and dynamic qualities and develop a vocabulary with which to analyze and write critically about dance. Dance will be explored in many of its genres including social dance, jazz dance, ballet, modern, and dance from cultures around the globe from historical and contemporary perspectives. Attendance at a live dance performance may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87183</a>	101	Online			01/30/17— 05/26/17		McCall, Amber

This is an online class.

<a href="#">87667</a>	102	Online			01/30/17— 05/26/17		McCall, Amber
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This is an online class.

### [DANCE 009 - Ballet, Fundamentals 1.00 Units](#)

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

Students will be introduced to fundamental aspects of ballet technique. Students will explore principles of alignment, port de bras, positions and articulation of the feet, as well as concepts of musicality and rhythm. The students will gain an appreciation of their unique bodies in relation to ballet at the most basic level. Attendance at a live dance performance may be required. No previous dance experience necessary.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87185</a>	101	Lab	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	A206	McCall, Amber

### [DANCE 010 - Ballet, Beginning 1.00 Units](#)

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

Recommended: Completion of DANCE 009 or previous dance experience

Students will focus on the beginning level of ballet technique while learning traditional French ballet terminology through barre and centre work. Students will explore principles of alignment, port de bras, coordination, and musicality while developing strength, flexibility, control, and performance quality. The student will gain an appreciation of their unique bodies in relation to ballet as a classical art form. Attendance at a live dance performance may be required. It is recommended that students take DANCE 009, Ballet Fundamentals, or have some previous dance experience before taking this course.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87186</a>	101	Lab	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	A206	McCall, Amber

### [DANCE 011 - Ballet, Intermediate 1.00 Units](#)

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

Prerequisite: DANCE 010 with C or better, or assessment based on instructor evaluation

This course works to develop the student's artistry and technique of classical ballet at the intermediate level. The student will apply theory and technique with attention to musicality and performance in the execution of intermediate level barre and centre combinations. The class will draw from the beginning level class while increasing the difficulty in coordination, complexity, tempo, stamina, and the use of traditional French ballet vocabulary. Attendance at a live dance performance may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87187</a>	101	Lab	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	A206	McCall, Amber

### [DANCE 011B - Ballet, High-Intermediate 1.00 Units](#)

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

Prerequisite: DANCE 011 with C or better, or assessment based on instructor evaluation

This course works to develop the student's artistry and technique of classical ballet at a high-intermediate level. The student will apply theory and technique with attention to musicality and performance in the execution of high-intermediate level barre and centre combinations. The high-intermediate level class will draw from the previous level classes while increasing the difficulty in coordination, complexity, tempo, stamina, and the use of traditional French ballet vocabulary. Attendance at a live dance performance may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87188</a>	101	Lab	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	A206	McCall, Amber

### [DANCE 011C - Ballet, Advanced 1.00 Units](#)

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

Prerequisite: DANCE 011B with C or better, or assessment based on instructor evaluation

This course works to develop the student's artistry and technique in classical ballet at the advanced level. The student will apply theory and technique with attention to musicality and performance in the execution of advanced level barre and centre combinations. The advanced level class will draw from the previous level classes while increasing the difficulty in coordination, complexity, tempo, stamina, and the use of traditional French ballet vocabulary. Attendance at a live dance performance may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87189</a>	101	Lab	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	A206	McCall, Amber

[DANCE 014A - Rehearse/Perform-Modern Dance 1.00 Units](#)

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

Recommended: DANCE 049, DANCE 050, DANCE 051 or DANCE 051B

Students will be involved in the dance rehearsal process which culminates in public performances. Students participate as dancers, rehearsing, and performing newly created or restaged faculty or guest artist choreography in the modern dance genre. This class will require some evening and/or weekend commitments.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87423</a>	102	Lab	TTH	12:15 PM—01:25 PM	02/14/17— 05/04/17	A206	Brosius, Holly
	102	Lab	TTH	12:15 PM—01:25 PM	02/14/17— 05/04/17	A206	Abohatab, Carol
	102	Lab	MTWTHFSSU	06:00 PM—08:50 PM	04/30/17— 05/06/17	D105	Brosius, Holly
	102	Lab	MTWTHFSSU	06:00 PM—08:50 PM	04/30/17— 05/06/17	D105	Abohatab, Carol

[DANCE 014B - Rehearse/Perform-Jazz Dance 1.00 Units](#)

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

Recommended: DANCE 019, DANCE 020, DANCE 021, DANCE 021B

Students will be involved in the dance rehearsal process which culminates in public performances. Students participate as dancers, rehearsing, and performing newly created or restaged faculty or guest artist choreography in the jazz dance genre. This class will require some evening and/or weekend commitments.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87426</a>	101	Lab	MW	12:15 PM—01:30 PM	02/15/17— 05/03/17	A206	Abohatab, Carol
	101	Lab	MTWTHFSSU	06:00 PM—08:50 PM	04/30/17— 05/06/17	D105	Abohatab, Carol

[DANCE 014C - Rehears/Perform-Hip-Hop Dance 1.00 Units](#)

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

Recommended: DANCE 023A, DANCE 023B or DANCE 023C

Students will be involved in the dance rehearsal process which culminates in public performances. Students participate as dancers, rehearsing, and performing newly created or restaged faculty or guest artist choreography in the hip-hop dance genre. This class will require some evening and/or weekend commitments.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87424</a>	101	Lab	TTH	03:15 PM—04:25 PM	02/14/17— 05/04/17	A206	Brosius, Holly
	101	Lab	TTH	03:15 PM—04:25 PM	02/14/17— 05/04/17	A206	Abohatab, Carol
	101	Lab	MTWTHFSSU	06:00 PM—08:50 PM	04/30/17— 05/06/17	D105	Brosius, Holly
	101	Lab	MTWTHFSSU	06:00 PM—08:50 PM	04/30/17— 05/06/17	D105	Abohatab, Carol

[DANCE 014D - Rehearse/Perform-Tap Dance 0.50 Units](#)

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

Recommended: DANCE 040A, DANCE 040B or DANCE 040C

Students will be involved in the dance rehearsal process which culminates in public performances. Students participate as dancers, rehearsing and performing newly created or restaged faculty or guest artist choreography in the tap dance genre. This class will require some evening and/or weekend commitments.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87427</a>	101	Lab	T	08:30 PM—09:35 PM	02/14/17— 05/02/17	A206	Brosius, Holly
	101	Lab	T	08:30 PM—09:35 PM	02/14/17— 05/02/17	A206	Abohatab, Carol
	101	Lab	MTWTHFSSU	06:00 PM—08:50 PM	04/30/17— 05/06/17	D105	Abohatab, Carol
	101	Lab	MTWTHFSSU	06:00 PM—08:50 PM	04/30/17— 05/06/17	D105	Brosius, Holly

[DANCE 014F - Rehearse/Perform - Ballet Danc 0.50 Units](#)



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

Recommended: DANCE 010, DANCE 011, DANCE 011B or DANCE 011C

Students will be involved in the dance rehearsal process which culminates in public performances. Students participate as dancers, rehearsing and performing newly created or restaged faculty or guest artist choreography in the ballet dance genre. This class will require some evening and/or weekend commitments.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87738</a>	101	Lab			01/30/17— 05/26/17		Munday, Virginia

[DANCE 020 - Jazz Dance, Beginning 1.00 Units](#)

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

Recommended: DANCE 019, or previous dance experience

Students will be introduced to beginning skills of jazz dance technique. The student will integrate beginning positions, isolations, and locomotor movements into full body actions and explore movement qualities, polyrhythms, and musical phrasing unique to jazz dance. The students will gain an appreciation of their unique bodies in relation to jazz dance as a dynamic art form. Attendance at a live performance may be required. It is recommended that students take DANCE 019, Jazz Dance, Fundamentals, or have some previous dance experience before taking this course.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87191</a>	101	Lab	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	A206	Abohatab, Carol

[DANCE 021 - Jazz Dance, Intermediate 1.00 Units](#)

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

Prerequisite: DANCE 020 with C or better, or assessment based on instructor evaluation

This course works to develop the students artistry and jazz dance technique at the intermediate level. The student will apply theory and technique with attention to musicality and performance in the execution of intermediate jazz dance combinations. The course will draw from the beginning level class while increasing the difficulty in coordination, complexity, tempo, stamina, artistry, and the use of vocabulary. Attendance at a live performance may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87192</a>	101	Lab	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	A206	Abohatab, Carol

[DANCE 021B - Jazz Dance, High-Intermediate 1.00 Units](#)

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

Prerequisite: DANCE 021 with C or better, or assessment based on instructor evaluation

This course continues to develop the student's artistry and jazz dance technique at the high-intermediate level. The student will apply theory and technique with attention to musicality and performance in the execution of high-intermediate jazz dance combinations. The course will draw from the intermediate level class while increasing the difficulty in coordination, complexity, tempo, stamina, artistry, and the use of vocabulary. Attendance at a live performance may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87193</a>	101	Lab	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	A206	Abohatab, Carol

[DANCE 023A - Hip-Hop Dance, Fundamentals 1.00 Units](#)

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

Students will be introduced to the fundamental aspects of hip-hop dance technique. Students will learn primary positions, isolations, gestures, traveling and jumping steps, turns and level changes as well as rudimentary rhythm and phrasing unique to hip-hop dance and music. The students will gain an appreciation of their unique bodies in relation to hip-hop as an expressive art form. Attendance at a live dance performance may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87194</a>	101	Lab	TTH	01:45 PM—03:05 PM	01/30/17— 05/26/17	A206	Brosius, Holly

[DANCE 023B - Hip-hop, Beginning 1.00 Units](#)

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

Recommended: DANCE 023A

This course works to develop the student's artistry and technique in hip-hop dance at the beginning level. The student will learn positions, isolations, gestures, traveling and jumping steps, turns, and level changes. The student will explore the syncopated rhythm and phrasing unique to hip-hop dance. The students will gain an appreciation of their unique bodies in relation to dance as an expressive art form. It is recommended that students take DANCE 023A, Hip-Hop, Fundamentals, before enrolling in this course. Attendance at a live dance performance may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
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[87195](#) 101 Lab TTH 01:45 PM—03:05 PM 01/30/17— 05/26/17 A206 Brosius, Holly

[DANCE 023C - Hip-hop, Intermediate 1.00 Units](#)

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

Prerequisite: DANCE 023B with C or better, or assessment based on instructor evaluation

This course works to develop the student's artistry and technique in hip-hop dance at the intermediate level. Students continue to gain knowledge of hip-hop history and intermediate level positions, isolations, gestures, traveling and jumping steps, turns and level changes with increasingly more complicated patterns and weight changes. The student will explore the syncopated and polyrhythmic phrasing unique to hip-hop dance. Attendance at a live performance may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87196</a>	101	Lab	TTH	01:45 PM—03:05 PM	01/30/17— 05/26/17	A206	Brosius, Holly

[DANCE 030 - Dance Improvisation 1.50 Units](#)

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

Recommended: Completion of any two of the following dance courses: DANCE 010 or DANCE 011 or DANCE 020 or DANCE 021 or DANCE 050 or DANCE 051

Students will be introduced to the principles and practice of dance improvisation. The course will cover concepts of space, time, energy, rhythm, form, phrasing, style, and environment in relation to movement improvisation. Students will explore dance improvisation as a way to further one's own movement development and creativity. Students will work in pairs or in small groups to explore contact improvisation. Students may be required to attend a live performance.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87197</a>	101	Lec	M	01:45 PM—02:35 PM	01/30/17— 05/26/17	A206	Abohatab, Carol
	101	Lab	M	02:45 PM—03:35 PM	01/30/17— 05/26/17	A206	Abohatab, Carol
	101	Lab	W	01:45 PM—02:35 PM	01/30/17— 05/26/17	A206	Abohatab, Carol

[DANCE 032 - Choreography 1.50 Units](#)

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

Recommended: Completion of any two of the following dance courses: DANCE 010 or DANCE 011 or DANCE 020 or DANCE 021 or DANCE 050 or DANCE 051

Students will be introduced to the principles and practical applications of dance composition. Topics will include concepts of space, time, energy, rhythm, form, phrasing, style, and content in relation to contemporary dance choreography. Students will explore dance as a creative art form by integrating dance movement technique as a form of expression. Students will create movement through improvisations, solo, and small group choreography.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87198</a>	101	Lec	M	01:45 PM—02:35 PM	01/30/17— 05/26/17	A206	Abohatab, Carol
	101	Lab	M	02:45 PM—03:35 PM	01/30/17— 05/26/17	A206	Abohatab, Carol
	101	Lab	W	01:45 PM—02:35 PM	01/30/17— 05/26/17	A206	Abohatab, Carol

[DANCE 040A - Tap Dance, Fundamentals 0.50 Units](#)

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

Students will be introduced to the fundamental techniques of tap dance including steps, rhythms, and elements of improvisation. Students will gain an understanding and appreciation of their own physical coordination and rhythmic sense in relation to tap dance as a traditional and contemporary performing art. Attendance at a live dance performance may be required. No previous dance experience necessary.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87199</a>	101	Lab	T	06:15 PM—08:05 PM	01/30/17— 05/26/17	A206	Brosius, Holly

[DANCE 040B - Tap Dance, Beginning 0.50 Units](#)

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

Recommended: Completion of DANCE 040A, or previous tap dance experience

Students will be introduced to beginning techniques of tap dance including steps, rhythms and elements of improvisation. Students will gain an understanding and appreciation of their own physical coordination and rhythmic sense in relation to tap dance as a traditional and contemporary performing art. Attendance at a live dance performance may be required. It is recommended that students take DANCE 040A, Tap Dance Fundamentals, or have some previous tap dance experience before taking this course.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87200</a>	101	Lab	T	06:15 PM—08:05 PM	01/30/17— 05/26/17	A206	Brosius, Holly

[DANCE 050 - Modern Dance, Beginning 1.00 Units](#)

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

Recommended: DANCE 049, or previous dance experience

This course works to develop the student's artistry and technique of modern dance at the beginning level. The student will learn beginning positions, gestures, traveling and jumping steps, turns and level changes, and spatial orientation. The students will gain an appreciation of their unique bodies in relation to dance as an expressive art form. It is recommended that students take DANCE 049, Modern Dance, Fundamentals, or have some previous dance experience before taking the class. Attendance at a live dance performance may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87203</a>	101	Lab	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	A206	Brosius, Holly

[DANCE 051 - Modern Dance, Intermediate 1.00 Units](#)

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

Prerequisite: DANCE 050 with C or better, or assessment based on instructor evaluation

This course works to develop the student's artistry and technique of modern dance at the intermediate level. The students will learn positions, gestures, traveling and jumping steps, turns, level changes and spatial orientation. The student will work towards a deeper level of artistry and expression through musicality and dynamic qualities of movement. The students will gain an understanding and appreciation of their unique bodies in relation to dance as an expressive art form. Attendance at a live dance performance may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87205</a>	101	Lab	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	A206	Brosius, Holly

[DANCE 051B - Modern Dance, High-Intermed. 1.00 Units](#)

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

Prerequisite: DANCE 051 with C or better, or assessment based on instructor evaluation

This course works to develop the student's artistry and technique at the high-intermediate level. The student will apply theory and technique with attention to musicality and performance in execution of high-intermediate positions, gestures, traveling and jumping steps, turns and level changes with increasingly more complicated patterns and weight changes. Attendance at a live performance may be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87207</a>	101	Lab	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	A206	Brosius, Holly

[DANCE 098 - Directed Study 0.50 Units](#)

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

Individual or small groups of students 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 in consultation with the division dean 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
<a href="#">87710</a>	102				01/30/17— 05/26/17		McCall, Amber

[DENT 151 - Beginning Dental Assisting 1 3.00 Units](#)

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

Corequisite: DENT-152 and DENT-153

Students are introduced to the general principles and basic concepts of anatomy and physiology of the human body with emphasis on the structures of the head and neck, oral cavity, human dentition, tooth morphology, oral embryology and histology and how each component interrelates to the body systems. Students will acquire the skills necessary to obtain a patient's medical and dental health history and vital signs. With the use of diagnostic techniques, students will demonstrate on a patient a clinical examination and chart findings. This course meets the lab science requirement for Dental Assisting majors only.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87540</a>	101	Lec	MW	12:30 PM—02:35 PM	01/30/17— 03/22/17	T513	Sanchez, Laura
	101	Lab	MW	08:30 AM—11:35 AM	01/30/17— 03/22/17	T506	Stodulka, Jitka
	101	Lab	MW	08:30 AM—11:35 AM	01/30/17— 03/22/17	T506	Sanchez, Laura

[DENT 152 - Beginning Dental Assisting 2 3.00 Units](#)

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

Corequisite: DENT 151 and DENT 153

This introductory course covers in-depth principles and concepts of disease transmission, OSHA, and infection control regulations that meet the Dental Board of California's requirement for licensing. Students are introduced to microbiology and concepts in the scientific process. Principles and techniques in sterilization and disinfection of instruments and equipment are covered in-depth. Students learn how to use and maintain dental operator equipment, position operator, assistant, and patient, set-up, instrument transfer, retraction methods, and oral evacuation materials. Properties of gypsum dental materials are presented and models of human dentition are constructed using gypsum materials.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87542</a>	101	Lec	TTH	12:30 PM—02:20 PM	01/31/17— 03/23/17	T513	Dolatre, Edna
	101	Lab	TTH	08:30 AM—11:35 AM	01/31/17— 03/23/17	T506	Dolatre, Edna
	101	Lab	TTH	08:30 AM—11:35 AM	01/31/17— 03/23/17	T506	Stodulka, Jitka

#### [DENT 153 - Beginning Dental Assisting 3 1.50 Units](#)

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

Corequisite: DENT 151 and DENT 152

Students are introduced to policies of the Dental Assisting Program with emphasis on safe work practice and professionalism. The history of dentistry, current concepts in dental care, communication skills, and preventive dentistry are presented along with Dental Assisting functions, education, scope of practice, professional organizations, and licensing requirements for members of the dental team. This course also introduces law and ethics applicable to dentistry and library research methods. Students work collaboratively to present preventive dentistry concepts to the local community as a community service project and will teach a patient how to improve their dental health.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87543</a>	101	Lec	F	12:45 PM—03:10 PM	02/03/17— 03/17/17	T513	Morgan, Paula
	101	Lab	F	08:30 AM—12:35 PM	02/03/17— 03/17/17	T506	Kokoletsos, Jodi
	101	Lab	F	08:30 AM—12:35 PM	02/03/17— 03/17/17	T506	Morgan, Paula

#### [DENT 154 - Fundamental Dental Assisting 1 3.00 Units](#)

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

Prerequisite: DENT 151 and DENT 152 and DENT 153 all with C or better

Corequisite: DENT 155 and DENT 156

This highly technical course prepares the student to take diagnostically effective dental x-rays without exceeding a safe number of re-exposures. The student will learn the principles and biological effects of radiation, components of the dental x-ray equipment, intra-oral exposure techniques, radiation safety, film processing, mounting, and infection control procedures used when exposing film on a mannequin. According to the Dental Board of California, students must pass the written exam with a 75% or higher before beginning dental x-ray exposures on patients.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87541</a>	101	Lec	MW	12:30 PM—02:20 PM	03/27/17— 05/24/17	T513	Sanchez, Laura
	101	Lab	MW	08:30 AM—11:35 AM	03/27/17— 05/24/17	T506	Stodulka, Jitka
	101	Lab	MW	08:30 AM—11:35 AM	03/27/17— 05/24/17	T506	Sanchez, Laura

#### [DENT 155 - Fundamental Dental Assisting 2 3.00 Units](#)

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

Prerequisite: DENT 151 and DENT 152 and DENT 153, all with C or better

Corequisite: DENT 154 and DENT 156

Students focus on principles of four-handed dentistry, which include assisting at chairside during operative procedures performed in a general dental office. Skills include preparing for the administration of local anesthetic, dental dam, matrix systems, instrument identification and transfer, burs and handpiece maintenance, mixing dental materials, and assisting during restorative procedures.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87544</a>	101	Lec	TTH	12:30 PM—02:20 PM	03/28/17— 05/25/17	T513	Dolatre, Edna
	101	Lab	TTH	08:30 AM—11:35 AM	03/28/17— 05/25/17	T506	Dolatre, Edna
	101	Lab	TTH	08:30 AM—11:35 AM	03/28/17— 05/25/17	T506	Stodulka, Jitka

#### [DENT 156 - Fundamental Dental Assisting 3 1.50 Units](#)

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

Prerequisite: DENT 151 and DENT 152 and DENT 153, all with C or better

Corequisite: DENT 154 and DENT 155

Students build on chairside assisting and materials manipulation skills learned in previous courses. Course focuses on the prosthodontic area of dentistry, which includes fixed and removable dental appliances such as dentures, partial dentures, and crowns and bridges. The properties, uses and manipulation of materials, and practicing the chairside assisting skills associated with prosthodontic procedures are emphasized.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87573</a>	101	Lec	F	12:30 PM—02:05 PM	03/24/17— 05/26/17	T513	Morgan, Paula
	101	Lab	F	08:30 AM—11:05 AM	03/24/17— 05/26/17	T506	Kokoletsos, Jodi
	101	Lab	F	08:30 AM—11:05 AM	03/24/17— 05/26/17	T506	Morgan, Paula

#### [DENT 161 - Intermediate Dental Assist 1 3.00 Units](#)

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

Prerequisite: DENT 154 and DENT 155 and DENT 156; all with C or better and current CPR Certification (Adult/Infant/Child)

Corequisite: DENT 162

This highly technical course builds on the knowledge and skills of radiography acquired in DENT 154. Students learn about more advanced techniques including, modifications of paralleling technique, the edentulous patient, occlusal, panoramic radiography, and radiography for children. Concepts of oral pathology, pharmacology, nutrition, and in-depth coverage of medical emergencies in the dental office are presented. The student produces full mouth surveys of dental x-ray film with a minimum of errors. Successful completion of this course and DENT 154 fulfills requirements for the California Radiation Safety Certificate.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87699</a>	102	Lec	MW	09:00 AM—11:05 AM	01/30/17— 03/22/17	T519	Pio, Wendy
	102	Lab	MW	12:00 PM—03:05 PM	01/30/17— 03/22/17	T506	Pio, Wendy
	102	Lab	MW	12:00 PM—03:05 PM	01/30/17— 03/22/17	T506	Dolatre, Edna

#### [DENT 162 - Intermed Dental Assist 2 2.00 Units](#) (Materials Fee: \$100)

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

Prerequisite: DENT 156 with C or better, and current enrollment in the full-time Dental Assisting program

Corequisite: DENT 161 with C or better

This highly technical course builds on the fundamental skills acquired in previous courses. Students will study duties associated with operative dentistry and Registered Dental Assistant (RDA) as described in the California Dental Practice Act. Students are taught to a level of proficiency that meets the required skills for the RDA State Board examination and California Dental Law and Ethics.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87575</a>	101	Lec	F	10:00 AM—11:25 AM	02/03/17— 04/21/17	T519	Pio, Wendy
	101	Lab	F	12:30 PM—05:20 PM	02/03/17— 04/21/17	T506	Pio, Wendy
	101	Lab	F	12:30 PM—05:20 PM	02/03/17— 04/21/17	T506	Kokoletsos, Jodi

#### [DENT 163 - Expanded Dental Assisting 1 3.00 Units](#)

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

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

Corequisite: DENT 161 and DENT 162

Students study the dental specialties: Orthodontics, Periodontics, Oral and Maxillofacial Surgery, Endodontics and the associated assisting functions. Seventeen duties associated with specialty dentistry and delegated to the Registered Dental Assistant in the California Dental Practice Act are taught to the level of competence. Completion of this course fulfills the State Board requirement for certification in coronal polishing. The importance of patient management and the legal/ethical issues are discussed throughout the course.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87576</a>	101	Lec	MW	09:00 AM—10:50 AM	03/27/17— 05/24/17	T519	Pio, Wendy
	101	Lab	MW	12:00 PM—03:05 PM	03/27/17— 05/24/17	T506	Dolatre, Edna
	101	Lab	MW	12:00 PM—03:05 PM	03/27/17— 05/24/17	T506	Pio, Wendy

#### [DENT 164 - Expanded Dental Assisting 2 0.50 Units](#)

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

Prerequisite: DENT 156 with C or better

Corequisite: DENT 163

This course is an introductory course in managing the business office of a dental practice using a computerized management system. The student will apply skills necessary to bill dental insurance, schedule appointments, maintain a recall system, develop telephone etiquette, manage filing systems, update patient accounts and treatment plans. Students will learn basic bookkeeping systems, develop financial arrangements and accounts receivable, and practice professional written and verbal

communication skills. In addition, the student will learn marketing, dental law, ethics, and legal responsibilities as they pertain to the business office and HIPAA (Health Insurance Portability and Accountability Act).

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87577</a>	101	Lec	F	10:00 AM—11:10 AM	04/28/17— 05/12/17	T519	Pio, Wendy
	101	Lab	F	12:30 PM—04:35 PM	04/28/17— 05/12/17	T506	Kokoletsos, Jodi
	101	Lab	F	12:30 PM—04:35 PM	04/28/17— 05/12/17	T506	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 will participate in a clinical internship in a general dental practice for approximately 100-120 hours. During clinic internship the student will practice performing chairside assisting, supportive, and laboratory functions according to the criteria described by the American Dental Association of the Commission on Dental Accreditation, the Dental Practice Act, and the Dental Board of California. This course also focuses on the ethical principles of the dental profession established in the American Dental Association (ADA), and the California Dental Association Code of Ethics. In addition, the Dental Assisting National Board's (DANB) Code of Conduct is presented as guidelines for professional conduct. This course is designed to prepare students for the Dental Board of California Law and Ethics examination.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87578</a>	101	Lec	T	03:00 PM—05:30 PM	01/30/17— 03/24/17	T506	Sivi, Anouk
	101	Lab	TTH		01/30/17— 03/24/17	OFC	Sivi, Anouk
	101	Lab	TTH		01/30/17— 03/24/17	OFC	Kokoletsos, Jodi
	101	Lab	TTH		01/30/17— 03/24/17	OFC	Pio, Wendy

#### [DENT 172 - Clinical Dental Assisting 2 2.50 Units](#)

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

Prerequisite: DENT 171 with C or better

This course is a supervised clinical internship. Students will practice intermediate Registered Dental Assistant (RDA) skills in a dental office with a team of dental healthcare providers under the guidance of a supervising instructor and licensed dentist. Students will increase skills and knowledge to achieve clinical-level dental assisting and RDA skills. The course includes in-depth coverage in securing and maintaining employment, laws governing employment, and CAL-OSHA's Employee's Right to Know act.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87579</a>	101	Lec	T	03:00 PM—05:30 PM	03/27/17— 05/26/17	T506	Sivi, Anouk
	101	Lab	TTH		03/27/17— 05/26/17	OFC	Pio, Wendy
	101	Lab	TTH		03/27/17— 05/26/17	OFC	Sivi, Anouk
	101	Lab	TTH		03/27/17— 05/26/17	OFC	Kokoletsos, Jodi

#### [ECE 020 - Observation and Assessment 3.00 Units](#)

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

Prerequisite: FCS 070 and ECE 102 and ECE 108; all with C or better. ECE 108 may be taken concurrently.

Students will learn the appropriate use of formal and informal observation tools, case study portfolios, recording, and rating systems. The use of multiple assessment and observation strategies, in various early childhood settings, will be covered. Emphasis will be on use of assessment strategies that inform and provide for developmentally appropriate curriculum. To ensure accurate observations and assessments, the importance of collaboration between teacher, families, and other professionals will be examined.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87136</a>	101	Lec	TH	06:15 PM—09:20 PM	01/30/17— 05/26/17	B201	Sudarsana, Madhavi

#### [ECE 101 - Introduction to Curriculum 3.00 Units](#)

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

Prerequisite: ECE-107 and FCS-070, both with C or better

Corequisite: ECE 102

Students will explore the major content areas in early childhood curriculum (birth to age 6) and plan, present, and evaluate activities in early childhood classrooms. This course provides developmentally appropriate teaching strategies based on observation and assessments across the curriculum, including: academic content areas; play, art, and creativity; and development of social-emotional, communication, and cognitive skills. Students will analyze their teaching experiences and utilize this knowledge to inform and improve skills in working with children.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
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[87137](#) 101 Lec TTH 09:00 AM—12:05 PM 03/28/17— 05/25/17 CET Reyes, Hermosa

This class is held at the Center for Employment Training, 701 Vine Street, San Jose.

[87138](#) 102 Lec TTH 06:15 PM—09:20 PM 03/28/17— 05/25/17 B104 Ramirez Sharpe, Elizabeth

### [ECE 101B - Practicum in ECE 3.00 Units](#)

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

Prerequisite: FCS 070 and ECE 101 and ECE 102 and ECE 107; all with C or better, TB clearance, and fingerprinting clearance as required by California Department of Justice

Students explore connections between theory and practice using child-centered, play-oriented approaches to teaching, learning and assessment, and knowledge of the major content areas in the early childhood curriculum. Planning, implementing, and evaluating experiences that promote positive development and learning for all young children will be emphasized. Students will utilize practical classroom experiences to demonstrate developmentally appropriate early childhood teaching competencies under the quality supervision of an ECE/CD (Early Childhood Education/Child Development) faculty and other qualified early education professionals. This course requires off-campus attendance at early childhood sites.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87139</a>	101	Lec	T	06:15 PM—07:05 PM	01/30/17— 05/26/17	B201	Sudarsana, Madhavi
	101	Lab			01/30/17— 05/26/17	OFC	Sudarsana, Madhavi

7 scheduled weekly hours to be completed at the preapproved mentor site only. Students must have proof of current TB (Tuberculosis) clearance, proof of MMR and Tdap on the first day of class. Please see your physician for current immunizations. If you do not have health insurance, contact campus Health Services after you register for the class. Lab hours begin the first week of school.

### [ECE 102 - Principles Teach Young Child 3.00 Units](#)

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

Prerequisite: FCS 070 and ECE 107; both with C or better

Students will examine the underlying theoretical principles of developmentally appropriate practices applied to programs, environments, emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development for all young children. This course includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics, and professional identity as well as school environment experiences. Off-site observations will be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87140</a>	101	Lec	TTH	09:00 AM—12:05 PM	01/31/17— 03/23/17	CET	Montgomery, Lynda
<a href="#">87141</a>	102	Lec	TTH	06:15 PM—09:20 PM	01/31/17— 03/23/17	B104	Ramirez Sharpe, Elizabeth

### [ECE 104 - Art and Creativity for Chldrn 3.00 Units](#)

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

Students are introduced to the value of arts, crafts and creative activities in the classroom. Students will explore the distinction between arts and crafts and how these experiences support positive brain development in young children. Developmental levels of children will be examined in planning and selecting appropriate creative experiences for children. Students will gain experience in planning and presenting creative experiences for children. This course is required for a certificate and AS degree in Early Childhood Education.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87190</a>	101	Lec	W	12:15 PM—03:20 PM	01/30/17— 05/26/17	B104	Reyes, Hermosa

### [ECE 106 - Admin & Supervision I 3.00 Units](#)

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

Prerequisite: ECE 102 with C or better

Recommended: Completion of 12 units in Early Childhood Education including core courses in Child Development, Child Family and Community and Programs/Curriculum.

Students will be introduced to the principles and practices of administration and supervision of early childhood education programs. Topics include program goals and philosophies, the roles and responsibilities of program directors, licensing requirements and other regulations, program organization and planning, budgeting, staffing, working with parents and the community, and professionalism.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87143</a>	101	Lec	TTH	06:15 PM—09:20 PM	01/31/17— 03/23/17	B209	Malaspina, Barbara

### [ECE 107 - Child, Family and Community 3.00 Units](#)

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

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

Corequisite: FCS 070

Students examine the developing child in a societal context focusing on the interrelationship of family, school, and community; emphasis will be on historical and social factors. Patterns of development, child rearing, and the value of education in contemporary American society will be discussed. The processes of socialization and identity development will be highlighted. Community resources that foster the positive development of the child in the context of the family will be identified. This course meets licensing and the Child Development Permit requirements for teachers.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87146</a>	101	Lec	MW	06:15 PM—09:20 PM	03/27/17— 05/24/17	B104	Reyes, Hermosa
<a href="#">87147</a>	102	Lec	MW	09:00 AM—12:05 PM	03/27/17— 05/24/17	B106	Montgomery, Lynda

[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
<a href="#">87148</a>	101	Lec	T	06:15 PM—09:20 PM	01/30/17— 05/26/17	B106	Studdert, Sharon
	101	Lec	T	06:15 PM—09:20 PM	01/30/17— 05/26/17	B106	Dev, Vandana

[ECE 109 - Child Rhythm, Music, Movmnt 3.00 Units](#)

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

Students are introduced to designing music, movement, and rhythm activities for children. The predominant theories of movement and music education will be discussed. Students will examine the developmental levels of children to create appropriate lessons. They will learn to evaluate a wide variety of music, movement, and rhythm activities as they gain skills in planning and presenting these activities to children.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87149</a>	101	Lec	M	12:15 PM—03:20 PM	01/30/17— 05/26/17	B104	Reyes, Hermosa

[ECE 110 - Admin & Supervision of ECE II 3.00 Units](#)

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

Prerequisite: ECE 106 with C or better

Recommended: Completion of 12 units in Early Childhood Education including core courses in Child Development, Child Family and Community and Programs/Curriculum.

Students are provided an in-depth study in administration and supervision of early childhood education programs focusing on program quality, and working with staff, parents, and the community. Topics include decision making, management styles, team building, communication in the workplace, marketing and public relations, program evaluation, professionalism, and ethics in early childhood programs. Course meets the California State requirement for site supervisor and program director permits.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87151</a>	101	Lec	TTH	06:15 PM—09:20 PM	03/28/17— 05/25/17	B209	Malaspina, Barbara

[ECE 145 - The Child With Special Needs 3.00 Units](#)

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

Prerequisite: FCS 070 with C or better

Students will be introduced to the development of children with special needs from birth to school age. They will examine how families are affected by their children with special needs. The course gives an overview of laws relating to children with special needs and theories of early intervention in the inclusive classroom.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87156</a>	101	Lec	MW	06:15 PM—09:30 PM	01/30/17— 03/22/17	B106	Ramirez Sharpe, Elizabeth

[ECE 146 - Child Guidance and Discipline 2.00 Units](#)

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

Students study how to manage the behavior of children using a variety of communication, guidance, and discipline strategies.



Students will learn to distinguish between typical developmentally appropriate behaviors, and atypical behaviors that jeopardize the health, safety, and welfare of self and others. Students will also learn to support children in the development of self-regulation skills.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87157</a>	101	Lec	W	06:15 PM—08:05 PM	01/30/17— 05/26/17	B209	Bhatnagar, Ranjana

[ECE 147 - Teaching in a Diverse Society 3.00 Units](#)

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

Prerequisite: ECE 107 with C or better

Students will identify the principles and practices of implementing an Anti-Bias Curriculum (ABC) for children. Emphasis will be placed on culturally and linguistically appropriate anti-bias approaches as they impact the work with young children and their families in early education programs. Students will reflect on issues related to social identity, stereotypes, bias, prejudices, and media influence. This course promotes equity and a deeper understanding of how to best support children as they gain a sense of identity and become confident members of our complex and diverse society.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87159</a>	101	Lec	S	09:00 AM—04:50 PM	02/04/17— 02/04/17	B104	Reyes, Hermosa
	101	Lec	S	09:00 AM—04:50 PM	02/11/17— 02/11/17	B104	Reyes, Hermosa
	101	Lec	S	09:00 AM—04:50 PM	02/25/17— 02/25/17	B104	Reyes, Hermosa
	101	Lec	S	09:00 AM—04:50 PM	03/04/17— 03/04/17	B104	Reyes, Hermosa
	101	Lec	S	09:00 AM—04:50 PM	03/11/17— 03/11/17	B104	Reyes, Hermosa
	101	Lec	S	09:00 AM—04:50 PM	03/25/17— 03/25/17	B104	Reyes, Hermosa

[ECE 149 - Incl of Child W/Spec Needs 3.00 Units](#)

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

Students learn curriculum and intervention strategies for working with children with special needs. The topics include; designing inclusive environments, partnering with families, learning how to conduct observations and assessments from birth to school age, and preparing an education plan.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87158</a>	101	Lec	MW	06:15 PM—09:20 PM	03/27/17— 05/24/17	B106	Ramirez Sharpe, Elizabeth

[ECE 150 - Pract Exprnce Inclusive Class 3.00 Units](#)

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

Prerequisite: ECE 149 with C or better

Students participate in supervised internships as assistants in early intervention or inclusion settings with children with special needs from birth through eight years. They will adapt curriculum, design natural environments, identify and assess special needs, and create individualized educational plans.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87164</a>	102	Lec	T	06:15 PM—07:05 PM	01/30/17— 05/26/17	B201	Sudarsana, Madhavi
	102	Lab			01/30/17— 05/26/17	OFC	Sudarsana, Madhavi

7 scheduled weekly hours to be completed at the preapproved mentor site only. Students must have proof of current TB (Tuberculosis) clearance, proof of MMR and Tdap on the first day of class. Please see your physician for current immunizations. If you do not have health insurance than contact campus Health Services after you register for the class. Lab hours begin the first week of class.

[ECE 191 - Infant Toddler Development 3.00 Units](#)

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

Prerequisite: FCS 070 with C or better

Students learn developmentally appropriate practices, interactions, and environments for infant and toddlers in group care. Students will learn to create environments that offer developmentally appropriate challenges for infants and toddlers. They will also examine how to develop meaningful connections between infant and toddler programs, and their families. Students will be required to complete off-campus classroom observations.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87163</a>	101	Lec	MW	04:45 PM—06:05 PM	01/30/17— 05/26/17	B106	Ramirez Sharpe, Elizabeth

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

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

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
<a href="#">87042</a>	101	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	GE125	Trieu, Hung
<a href="#">87043</a>	102	Lec	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	GE125	Trieu, Hung
<a href="#">87044</a>	103	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	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

Microeconomics focuses on economic behavior of individual economic units such as consumers, firms, and resource owners. It examines the market system as a means of solving the 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. Microeconomic problems, such as monopoly power of big business and big unions, government regulations and consumer protection, the energy crisis, taxes, and welfare will be covered.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87045</a>	101	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	GE125	Trieu, Hung
<a href="#">87046</a>	102	Lec	TTH	01:45 PM—03:05 PM	01/30/17— 05/26/17	GE125	Trieu, Hung
<a href="#">87047</a>	103	Lec	W	06:15 PM—09:20 PM	01/30/17— 05/26/17	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.

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

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87531</a>	101	Lab	W	06:30 PM—09:35 PM	01/30/17— 05/26/17	T517	Finch, Timothy
	101	Lec	W	05:30 PM—06:20 PM	02/01/17— 03/22/17	T517	Finch, Timothy
<a href="#">87670</a>	102	Lec	TH	05:30 PM—06:20 PM	01/30/17— 05/26/17	T517	Finch, Timothy
	102	Lab	TH	06:30 PM—09:35 PM	01/30/17— 05/26/17	T517	Finch, Timothy

#### [EMS 010 - EMT - B 6.00 Units](#)

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

Prerequisite: EMS 005 with C or better, an American Heart Association CPR-Certification Healthcare Provider card, current throughout the length of the program, and student must be 18 years of age prior to first day of class per certification requirements

Recommended: Completion of MA 004, or equivalent knowledge in anatomy, physiology, and medical terminology

Students will acquire the theory, skills, and knowledge necessary to earn an EMT-B certificate of completion in compliance with Department of Transportation (DOT) standards. National Registry of Emergency Medical Technician (NREMT) skills testing is included in the course. Upon course completion the student must take a National Registry written exam through a NREMT approved testing site. This course meets state and national standards for EMT-B training and is approved by Santa Clara County Emergency Medical Services as preparation for EMT-B certification. Students must provide own transportation to a mandatory ride-along and clinical experience.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87533</a>	102	Lec	T	05:00 PM—09:05 PM	01/30/17— 05/26/17	T514	Takahashi, Gerald
	102	Lab	TH	04:00 PM—10:10 PM	01/30/17— 05/26/17	T515	Miller, Scott
<a href="#">87534</a>	103	Lec	M	05:00 PM—09:05 PM	01/30/17— 05/26/17	T514	Miller, Scott
	103	Lab	W	04:00 PM—10:10 PM	01/30/17— 05/26/17	T515	Miller, Scott

#### [EMS 121 - Pediatric CPR/AED 0.50 Units](#) (Materials Fee: \$22)

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

Students acquire skills to respond to and manage illnesses and injuries in a child or infant in the first few minutes until professional help arrives. Topics include the four steps of first aid and first aid skills such as finding the problem, stopping bleeding, bandaging, using an Epinephrine pen (Epi-pen), as well as child CPR AED, infant CPR, child mask, infant mask, and asthma care training. The Heartsaver Pediatric First Aid CPR AED course is designed to meet the regulatory requirements for child care workers in the United States.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">90047</a>	103	Lec	S	09:00 AM—05:00 PM	04/29/17— 04/29/17	T514	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.

English 001A is the first transfer level English course designed to equip students with 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.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86630</a>	101	Lec	MW	07:45 AM—09:05 AM	01/30/17— 05/26/17	B205	Pino, Anthony
<a href="#">86632</a>	102	Lec	TTH	07:45 AM—09:05 AM	01/30/17— 05/26/17	T421	Nestojko, Jennifer
<a href="#">86637</a>	104	Lec	S	09:00 AM—12:05 PM	01/30/17— 05/26/17	B205	Alkire, Scott
<a href="#">86638</a>	105	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	B207	Biswas, Mitali
	105	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	B207	Chen, Lilly
<a href="#">86640</a>	106	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	T313	Sapigao, Janice

This is a Puente Program class. Students must call (408)298-2181 ext 3344 or see the Puente counselor in the LRC room L-108.

<a href="#">86643</a>	107	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	GE211	Fields, Rachael
<a href="#">86645</a>	108	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	B202	Alvarez, Patricia
<a href="#">86647</a>	109	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	B207	Hsia, Bonnie
<a href="#">86648</a>	110	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	B202	Chen, Tina

This class is part of the Umoja Program. Students must call (408) 298-2181 ext 3293 or see Umoja counselor in the Student Center, room SC216I to enroll in both ETH 020 and ENGL 001A.

<a href="#">86650</a>	111	Lec	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	GE113	Torres, Noe
<a href="#">86683</a>	112	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	B202	Heimler, Charles
<a href="#">86684</a>	113	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	B205	Swanson, John
<a href="#">86685</a>	114	Lec	T	06:15 PM—09:20 PM	01/30/17— 05/26/17	B205	Heimler, Charles
<a href="#">86686</a>	115	Lec	W	06:15 PM—09:20 PM	01/30/17— 05/26/17	B205	Haley, Daniel
<a href="#">86687</a>	116	Lec	TH	06:15 PM—09:20 PM	01/30/17— 05/26/17	B205	Kozlowski, Heidi

This class has an ESL focus.

<a href="#">86688</a>	117	Online			01/30/17— 05/26/17		Brennan, Raymond
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This is an online class.

<a href="#">86689</a>	118	Online			01/30/17— 05/26/17		Vetter, Jacquelyn
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This is an online class.

<a href="#">86690</a>	119	Online			01/30/17— 05/26/17		Blair, Michelle
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This is an online class.

<a href="#">86691</a>	120	Online			01/30/17— 03/24/17		McGuire, Jennifer
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This is an online class that will run for 8 weeks and ends on March 24, 2017.

<a href="#">87662</a>	121	Lec	MW	10:45 AM—12:35 PM	02/27/17— 05/24/17	T313	Sapigao, Janice
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This is a late-start class. First class meeting is Monday, Feb 27th.

<a href="#">87714</a>	123	Online			01/30/17— 03/24/17		Adkins, Jan
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This is an online class.

<a href="#">87727</a>	124	Lec	W	06:15 PM—09:40 PM	02/15/17— 05/24/17	MIL-C3	Lahr, Shawn
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### [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
<a href="#">86725</a>	101	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	GE113	Torres, Noe
<a href="#">86727</a>	102	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	B205	Kozlowski, Heidi
<a href="#">86730</a>	103	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	GE113	Torres, Noe
<a href="#">86732</a>	104	Lec	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	B205	Kozlowski, Heidi
<a href="#">86777</a>	105	Lec	T	06:15 PM—09:20 PM	01/30/17— 05/26/17	GE117	Brennan, Raymond
<a href="#">86778</a>	106	Online			01/30/17— 05/26/17		Inguito, Kevin
<a href="#">86779</a>	107	Online			01/30/17— 05/26/17		Heimler, Charles
<a href="#">86781</a>	109	Online			03/27/17— 05/26/17		McGuire, Jennifer
This is a late-start online class. The class is for 8 weeks and begins March 27, 2017.							
<a href="#">87715</a>	115	Online			03/27/17— 05/26/17		Heimler, Charles
This is an online class. This is an 8 week class starting on March 27, 2017.							

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

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

Prerequisite: ENGL 001A with C or better

This course presents the techniques of critical reasoning and advanced composition. Students will learn to identify the basic structures of arguments and the ways people use language to fortify or to falsify arguments. 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
<a href="#">86783</a>	102	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	B205	Pino, Anthony
<a href="#">86784</a>	103	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	GE117	McKimmey, Teresa
<a href="#">86785</a>	104	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	B207	Chen, Lilly
	104	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	B207	Biswas, Mitali
<a href="#">86786</a>	105	Lec	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	B202	Blair, Michelle
<a href="#">86787</a>	106	Lec	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	GE117	Swanson, John
<a href="#">86788</a>	107	Lec	TH	06:15 PM—09:20 PM	01/30/17— 05/26/17	GE117	Haley, Daniel
<a href="#">86789</a>	108	Online			01/30/17— 05/26/17		Kozlowski, Heidi

This is an online class. The instructor will contact the class with textbook information.

<a href="#">86790</a>	109	Online			01/30/17— 05/26/17		Kozlowski, Heidi
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This is an online class. The instructor will contact the class with textbook information.

<a href="#">86791</a>	110	Online			01/30/17— 05/26/17		Inguito, Kevin
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This is an online class.

<a href="#">86792</a>	111	Online	M	03:00 PM—04:20 PM	01/30/17— 05/26/17	B203	Breheny, Jessica
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This course is full and has been reserved for Cultivamos Excelencia Undergraduate Research Scholars, a program in partnership with UC Santa Cruz. We are now accepting applications for undergraduate research scholars to participate in 2017-2018 academic year (fall 2017-spring 2018). More information available at [SJCC.EDU/METAS](http://SJCC.EDU/METAS).

### [ENGL 033 - Women in Literature 3.00 Units](#)

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

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

Students will be introduced to literature focusing on images of women as depicted in drama, short stories, poetry, essays and novels. The relationship of self to characters in the literature will also be examined.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86619</a>	101	Online			01/30/17— 05/26/17		Breheny, Jessica

This is an online class.

### [ENGL 071A - Fund Creative Writing/Poetry 3.00 Units](#)

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

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

Students will be introduced to the fundamentals of writing poetry, such as the sonnet, blank verse, ballad, haiku, villanelle, and

free verse. Students will discuss and analyze poems written by published writers and by their classmates.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86621</a>	101	Lec	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	GE105	Maughn, James

[ENGL 071B - Fund Creative Writing/Fiction 3.00 Units](#)

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

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

Students are introduced to the principles and forms of fiction, such as description, mood, tone, theme, character development, narration, short story, novella, and the novel. Students will read and produce works of fiction.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86623</a>	101	Lec	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	GE105	Maughn, James

[ENGL 071C - Fund Creative Writing /Drama 3.00 Units](#)

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

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

Students are introduced to the principles and forms of drama such as conflict, setting, timing, pace, dialogue, scene-building, radio or television plays, one-act, and full-length plays for the theatre. Students will produce a portfolio of drama.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86625</a>	101	Lec	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	GE105	Maughn, James

[ENGL 084B - Survey of American Lit II 3.00 Units](#)

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

Prerequisite: (ENGL 092 or ENGL 104) and (ENGL 102 or READ 101), all with C or better or placement based on assessment.

Students will study the progression of American literature from 1865 to the present with emphasis on social and cultural backgrounds. This course includes works of writers of the Realist, Naturalist, Modernist, and Contemporary movements.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86628</a>	101	Online			01/30/17— 05/26/17		Alvarez, Patricia

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 (READ 301 and ENGL 335); all with P 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
<a href="#">86793</a>	101	Lec	MW	08:45 AM—10:35 AM	01/30/17— 05/26/17	GE111	Petrosyan, Alla
<a href="#">86794</a>	102	Lec	TTH	08:45 AM—10:35 AM	01/30/17— 05/26/17	GE113	Torres, Noe
<a href="#">86795</a>	103	Lec	F	09:00 AM—01:05 PM	01/30/17— 05/26/17	M201	Edwards, Marlise
<a href="#">86797</a>	104	Lec	MW	09:15 AM—11:05 AM	01/30/17— 05/26/17	GE205	Alkire, Scott
<a href="#">86804</a>	106	Lec	MW	10:15 AM—12:05 PM	01/30/17— 05/26/17	GE105	Maughn, James
<a href="#">86806</a>	107	Lec	TTH	09:30 AM—12:05 PM	02/28/17— 05/26/17	GE205	Inguito, Kevin

This is a late-start class. The first day of class is Tuesday, Feb 28, 2017.

<a href="#">86838</a>	108	Lec	MW	12:15 PM—02:05 PM	01/30/17— 05/26/17	B202	Blair, Michelle
<a href="#">86839</a>	109	Lec	TTH	12:15 PM—02:05 PM	01/30/17— 05/26/17	GE205	Inguito, Kevin
<a href="#">86840</a>	110	Lec	M	05:30 PM—09:35 PM	01/30/17— 05/26/17	B204	Breheny, Jessica
<a href="#">86841</a>	111	Lec	TH	05:30 PM—09:35 PM	01/30/17— 05/26/17	B207	Lahr, Shawn
<a href="#">86842</a>	112	Online	T	09:15 AM—11:50 AM	02/28/17— 05/26/17	GE103	Rice, Leslie

This is a late-start hybrid learning community class. Part of the class will be taught online. Students must also enroll in READ 101 #86393

[ENGL 335 - Basic Writing Skills 4.50 Units](#)

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

Prerequisite: READ 350 or (ESL 312 and ESL 313), all with P grade or placement based on assessment

This course is designed to develop students' competence in basic writing skills two levels below English 1A. Students cover topics including the steps of the writing process, the development of paragraphs and short multi-paragraph compositions, the writing of summaries, and the basic rules of standard English usage. The lab component provides individualized writing help for each student.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86860</a>	101	Lec	W	09:00 AM—10:05 AM	01/30/17— 05/26/17	GE203	Adkins, Jan
	101	Lec	M	09:00 AM—11:25 AM	01/30/17— 05/26/17	GE203	Adkins, Jan
	101	Lab	W	10:15 AM—11:35 AM	01/30/17— 05/26/17	GE203	Adkins, Jan
<a href="#">86861</a>	102	Lec	T	11:00 AM—01:25 PM	01/30/17— 05/26/17	B207	Hsia, Bonnie
	102	Lec	TH	11:00 AM—12:05 PM	01/30/17— 05/26/17	B207	Hsia, Bonnie
	102	Lab	TH	12:15 PM—01:35 PM	01/30/17— 05/26/17	B207	Hsia, Bonnie
<a href="#">86862</a>	103	Lec	M	11:00 AM—01:25 PM	01/30/17— 05/26/17	M101	Edwards, Marlise
	103	Lec	W	11:00 AM—12:05 PM	01/30/17— 05/26/17	M101	Edwards, Marlise
	103	Lab	W	12:15 PM—01:35 PM	01/30/17— 05/26/17	M101	Edwards, Marlise
<a href="#">86863</a>	104	Lec	T	11:00 AM—01:25 PM	01/30/17— 05/26/17	GE111	Edwards, Marlise
	104	Lec	TH	11:00 AM—12:05 PM	01/30/17— 05/26/17	GE111	Edwards, Marlise
	104	Lab	TH	12:15 PM—01:35 PM	01/30/17— 05/26/17	GE111	Edwards, Marlise
<a href="#">86864</a>	105	Lec	T	01:45 PM—04:10 PM	01/30/17— 05/26/17	B205	Heimler, Charles
	105	Lec	TH	01:45 PM—02:50 PM	01/30/17— 05/26/17	B205	Heimler, Charles
	105	Lab	TH	03:00 PM—04:20 PM	01/30/17— 05/26/17	B205	Heimler, Charles
<a href="#">86866</a>	106	Lec	T	06:15 PM—08:40 PM	01/30/17— 05/26/17	D108	Nestojko, Jennifer
	106	Lec	TH	06:15 PM—07:20 PM	01/30/17— 05/26/17	D108	Nestojko, Jennifer
	106	Lab	TH	07:30 PM—08:50 PM	01/30/17— 05/26/17	D108	Nestojko, Jennifer

[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 such as 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
<a href="#">87285</a>	101	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	S122	Datta, Sanhita
	101	Lab	M	12:30 PM—03:35 PM	01/30/17— 05/26/17	S128	Datta, Sanhita
<a href="#">87286</a>	102	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	S122	Datta, Sanhita
	102	Lab	W	12:30 PM—03:35 PM	01/30/17— 05/26/17	S128	Datta, Sanhita
<a href="#">87287</a>	103	Lec	T	06:15 PM—09:20 PM	01/30/17— 05/26/17	S204	Schriber, Jennifer
	103	Lab	TH	06:15 PM—09:20 PM	01/30/17— 05/26/17	S128	Bacigalupi, Gina
<a href="#">87288</a>	104	Lec	T	06:15 PM—09:20 PM	01/30/17— 05/26/17	S204	Schriber, Jennifer
	104	Lab	W	06:15 PM—09:20 PM	01/30/17— 05/26/17	S128	Schriber, Jennifer

[ESL 091 - College Reading and Writing 2 6.00 Units](#)

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

Prerequisite: ESL 302 with P grade or placement based on assessment

Students will write a variety of advanced ESL level texts that exhibit depth, relevance, and complexity in idea development. Texts will include a mini-research paper and a technical report. Students will also apply literal, inferential, interpretive reading, and critical thinking skills, likewise, enhance skills in vocabulary comprehension and acquisition at the advanced level of language learning. Reading materials highlighting current issues and topics of interest across cultures will include articles, essays, a technical report, and literary works. This course is designed for non-native speakers of English one level below English 1A.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86868</a>	101	Lec	M	09:15 AM—11:05 AM	01/30/17— 05/26/17	GE213	Apigo, Maritez
	101	Lec	W	09:15 AM—12:45 PM	01/30/17— 05/26/17	GE213	Apigo, Maritez
	101	Lab	M	11:15 AM—12:35 PM	01/30/17— 05/26/17	GE213	Apigo, Maritez
<a href="#">86869</a>	102	Online	F	10:15 AM—12:45 PM	01/30/17— 05/26/17	GE211	Rice, Leslie

102 Online F 09:15 AM—10:05 AM 01/30/17— 05/26/17 GE211 Rice, Leslie

This is a hybrid class that will be taught partly online and partly onsite. The orientation is on Monday, January 30, 2017 in L113 at 11:00am. Please contact the instructor leslie.rice@sjcc.edu with questions.

<a href="#">86870</a>	103	Lec	M	06:15 PM—09:45 PM	01/30/17— 05/26/17	GE211	Boles, Gabrielle
	103	Lec	W	07:45 PM—09:35 PM	01/30/17— 05/26/17	GE211	Boles, Gabrielle
	103	Lab	W	06:15 PM—07:35 PM	01/30/17— 05/26/17	GE211	Boles, Gabrielle
<a href="#">86871</a>	104	Online	T	07:15 PM—09:45 PM	01/30/17— 05/26/17	GE211	Thistlethwaite, Ann
	104	Online	T	06:15 PM—07:05 PM	01/30/17— 05/26/17	GE211	Thistlethwaite, Ann

This is a hybrid class that will be taught partly online and partly onsite. The first class meeting is Tuesday, January 31, 2017 in GE 211.

[ESL 203 - ESL Reading Lab 0.00 Units](#)

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

Corequisite: ESL 313 or ESL 323 or ESL 333 or ESL 343

This open/entry, open/exit course provides individualized support for ESL students in need of reading 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 313 or ESL 323 or ESL 333 or ESL 343.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86875</a>	101	Lab			01/30/17— 05/26/17	L120	Trombly-Christen, Christine
Recommended lab for ESL 313							
<a href="#">86876</a>	102	Lab			01/30/17— 05/26/17	L120	Trombly-Christen, Christine
Recommended lab for ESL 323							
<a href="#">86878</a>	103	Lab			01/30/17— 05/26/17	L120	Erkal, Zerrin

[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
<a href="#">86879</a>	101	Lab			01/30/17— 05/26/17	L120	Brady, Agnes
Recommended lab for ESL 314 and 324							
<a href="#">86881</a>	103	Lab			01/30/17— 05/26/17	L120	Pucay, Dorothy
Recommended lab for repeating ESL 334 or ESL 344							

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

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

Corequisite: ESL 106 or ESL 316

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 106 or ESL 316.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86882</a>	101	Lab			01/30/17— 05/26/17	L120	Trombetta, Tonia
Recommended lab for ESL 91, ESL 302, or ENG 1A							
<a href="#">86883</a>	102	Lab			01/30/17— 05/26/17	L120	Allen, Frederick
Recommended lab for ESL 316							
<a href="#">86884</a>	103	Lab			01/30/17— 05/26/17	L120	Brady, Agnes
Recommended lab for repeating ESL 312 or ESL 322							
<a href="#">87580</a>	104	Lab			01/30/17— 05/26/17	L120	Mitevaska, Margarita
Recommended lab for repeating ESL 332 or ESL 342							

[ESL 207 - ESL Pronunciation Lab 0.00 Units](#)

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

Corequisite: ESL 317 or ESL 327 or ESL 337

This open/entry, open/exit course provides individualized support for ESL students in need of pronunciation 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 317 or ESL 327 or ESL 337.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86885</a>	101	Lab			01/30/17— 05/26/17	L120	Allen, Frederick

Recommended lab for 327

#### [ESL 302 - Intro College Rdg and Wrtg 6.00 Units](#)

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

Prerequisite: ESL 312 and ESL 313, both with P grade or placement based on assessment

Corequisite: ESL 302L

Students will focus on development of multi-paragraph essays that have a clearly stated thesis that controls the logical development of ideas and demonstrates a high level of fluency and accuracy in sentence grammar and word choice. Students will study readings that demonstrate the ways writers organize and express ideas in different genres and for a variety of rhetorical purposes. Reading materials will include articles, essays, and short literary works highlighting current issues and topics of interest across cultures. Concurrent enrollment in ESL 302L is required for computer-assisted and instructor-guided practice. This course is designed for non-native speakers of English two levels below English 1A.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86872</a>	101	Lec	M	09:15 AM—12:45 PM	01/30/17— 05/26/17	GE215	Pucay, Dorothy
	101	Lec	W	09:15 AM—11:05 AM	01/30/17— 05/26/17	GE215	Pucay, Dorothy
	101	Lab	W	11:15 AM—12:35 PM	01/30/17— 05/26/17	GE215	Pucay, Dorothy
<a href="#">86873</a>	102	Lec	TH	09:15 AM—11:05 AM	01/30/17— 05/26/17	GE217	Trombetta, Tonia
	102	Lec	T	09:15 AM—12:45 PM	01/30/17— 05/26/17	GE217	Trombetta, Tonia
	102	Lab	TH	11:15 AM—12:35 PM	01/30/17— 05/26/17	GE217	Trombetta, Tonia
<a href="#">86874</a>	103	Lec	W	06:15 PM—09:45 PM	01/30/17— 05/26/17	GE217	Erkal, Zerrin
	103	Lec	M	07:45 PM—09:35 PM	01/30/17— 05/26/17	GE217	Erkal, Zerrin
	103	Lab	M	06:15 PM—07:35 PM	01/30/17— 05/26/17	GE217	Erkal, Zerrin
<a href="#">87706</a>	104	Lec	M	07:45 PM—09:35 PM	01/30/17— 05/26/17	GE127	Gairaud, Patricia
	104	Lec	W	06:15 PM—09:45 PM	01/30/17— 05/26/17	GE127	Gairaud, Patricia
	104	Lab	M	06:15 PM—07:35 PM	01/30/17— 05/26/17	GE127	Gairaud, Patricia

#### [ESL 312 - Introduction to the Essay 5.00 Units](#)

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

Prerequisite: ESL 322 and ESL 323 and ESL 324, all with P grade or placement based on assessment.

Corequisite: ESL 312L

Students will read and write multiple-paragraph compositions with the depth and complexity of high-intermediate academic texts. They will expand their study of well-written paragraphs to include short essays on academic topics. They will acquire grammar, writing, revision, and editing skills for college-level academic work. Concurrent enrollment in ESL 312L is required for computer-assisted grammar and writing practice with lab assistance. ESL 312 is a high-intermediate writing course for non-native speakers of English three levels below English 001A.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86886</a>	101	Lec	MW	08:10 AM—10:35 AM	01/30/17— 05/26/17	GE217	Hamilton, Webster
<a href="#">86887</a>	102	Lec	TTH	09:40 AM—12:05 PM	01/30/17— 05/26/17	GE211	Cao, Dongmei
<a href="#">86888</a>	103	Lec	MW	07:05 PM—09:30 PM	01/30/17— 05/26/17	GE213	Welles, Norma

#### [ESL 312L - ESL Skills Development Lab 0.50 Units](#)

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

Corequisite: ESL 312

This laboratory course is required learning assistance for students enrolled in ESL 312. Students will receive individualized instructional support and use educational software that expands students' experience with writing short essays that demonstrate logical development of a thesis and grammatical and lexical proficiency at an intermediate-high proficiency level.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86889</a>	101	Lab			01/30/17— 05/26/17	L120	Hamilton, Webster
Required lab for ESL 312-101 reg ID 86886							
<a href="#">86890</a>	102	Lab			01/30/17— 05/26/17	L120	Trombly-Christen, Christine



Required lab for ESL 312-102 reg ID 86887

[86891](#) 103 Lab 01/30/17— 05/26/17 L120 Welles, Norma

Required lab for ESL 312-103 reg ID 86888

### [ESL 313 - Intro to College Reading 3.00 Units](#)

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

Prerequisite: ESL 322 and ESL 323 and ESL 324, all with P grade, or placement based on assessment

Recommended: Concurrent enrollment in (ESL 312 or ESL 314 or ESL 317) and ESL 203 is strongly recommended

Students will acquire reading and vocabulary skills at a intermediate-high level of English proficiency. They will read and respond to introductory college-level texts, develop literal and critical comprehension, and expand vocabulary for academic purposes.

Concurrent enrollment in (ESL 312 or ESL 314 or ESL 317) and ESL 203 is strongly recommended.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86892</a>	101	Lec	TTH	08:00 AM—09:20 AM	01/30/17— 05/26/17	GE215	Trombly-Christen, Christine
<a href="#">86894</a>	102	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	GE211	Cao, Dongmei
<a href="#">86920</a>	103	Lec	MW	05:30 PM—06:50 PM	01/30/17— 05/26/17	GE123	Crawford, Adrian

### [ESL 314 - Interm-High Listen & Speak 3.00 Units](#)

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

Prerequisite: ESL 324 with P grade or placement based on assessment

Recommended: Concurrent enrollment in (ESL 312 or ESL 313 or ESL 316 or ESL 317) and ESL 204 is strongly recommended.

Students refine listening comprehension and speaking skills in academic, vocational, and social contexts at the intermediate-high level. Students will participate in class activities and use multimedia materials focused on improving aural comprehension, oral communication, and clear pronunciation in a variety of contexts. Concurrent enrollment in (ESL 312 or ESL 313 or ESL 316 or ESL 317) and ESL 204 is strongly recommended.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86921</a>	101	Lec	TTH	07:45 PM—09:05 PM	01/30/17— 05/26/17	GE219	Carrell, Tanya

### [ESL 316 - Grammar for Writers 1 3.00 Units](#)

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

Prerequisite: ESL 322 with P grade or placement based on assessment

Recommended: Concurrent enrollment in (ESL 312 or ESL 313 or ESL 314 or ESL 317) and ESL 206 is strongly recommended

ESL 316 is an intensive grammar course for ESL writers at the intermediate-high level of language proficiency. Students study a wide range of grammatical and syntactical structures in meaningful contexts. Students will acquire skills in the use of grammar structures including verb phrases, noun phrases, modification structures, and various sentence structures, to express meaning appropriately and accurately in oral and written discourse. Concurrent enrollment in (ESL 312 or ESL 313 or ESL 314 or ESL 317) and ESL 206 is strongly recommended.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86922</a>	101	Lec	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	GE217	Allen, Frederick

### [ESL 322 - Paragraph Development 5.00 Units](#)

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

Prerequisite: ESL 332 with P grade or placement based on assessment.

Corequisite: ESL 322L

Recommended: Concurrent enrollment in ESL (323 or 324 or 327) is strongly recommended

ESL 322 is an intermediate writing course for non-native speakers of English. Students write paragraphs and journals on various topics to acquire grammar, writing, and lexical skills. Concurrent enrollment in ESL 322L is required for computer-assisted grammar and writing practice with lab assistance.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86923</a>	101	Lec	MW	08:10 AM—10:35 AM	01/30/17— 05/26/17	GE219	Bernstein, Mark
<a href="#">86924</a>	102	Lec	TTH	09:40 AM—12:05 PM	01/30/17— 05/26/17	GE219	Takei, Leslie
<a href="#">86925</a>	103	Lec	MW	07:00 PM—09:25 PM	01/30/17— 05/26/17	GE219	Jellison, Heather

### [ESL 322L - ESL Skills Development Lab 0.50 Units](#)

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

Corequisite: ESL 322

This laboratory course is required learning assistance for students enrolled in ESL 322. Students will receive individualized instructional support and use educational software that expands the students' experience with paragraphing and sentence grammar.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86926</a>	101	Lab			01/30/17— 05/26/17	L120	Mitevaska, Margarita
Required lab for ESL 322 day sections							
<a href="#">86928</a>	103	Lab			01/30/17— 05/26/17	L120	Seidel, Marlo
Required lab for ESL 322-103 reg ID 86925							

#### [ESL 323 - Reading and Vocabulary Develop 3.00 Units](#)

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

Prerequisite: ESL 333 with P grade or placement based on assessment

Recommended: Concurrent enrollment in (322 or 324 or 327) and ESL 203 is strongly recommended.

Students acquire reading and vocabulary skills at the intermediate level of proficiency in English. Students will develop reading comprehension and vocabulary development and engage in discussion and writing activities. Concurrent enrollment in (ESL 322 or ESL 324 or ESL 327) and ESL 203 is strongly recommended.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86929</a>	101	Lec	TTH	08:00 AM—09:20 AM	01/30/17— 05/26/17	GE219	Cao, Dongmei
<a href="#">86930</a>	102	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	GE217	Allen, Frederick
<a href="#">86931</a>	103	Lec	TTH	05:30 PM—06:50 PM	01/30/17— 05/26/17	GE105	Carrell, Tanya

#### [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
<a href="#">86932</a>	101	Lec	MW	12:15 PM—02:05 PM	01/30/17— 05/26/17	GE219	Cao, Dongmei
<a href="#">86933</a>	102	Lec	TTH	12:15 PM—02:05 PM	01/30/17— 05/26/17	GE213	Apigo, Maritez
<a href="#">86934</a>	103	Lec	TTH	07:00 PM—08:50 PM	01/30/17— 05/26/17	GE217	Brady, Agnes

#### [ESL 332 - Basic Writing Skills 2 4.00 Units](#)

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

Prerequisite: ESL 342 or ESL 345 with a P or placement by assessment

Corequisite: ESL 332L

Recommended: Concurrent enrollment in (ESL 333 and/or ESL 334 and/or ESL 337)

ESL 332 is an intermediate-low grammar/writing course for non-native speakers of English. Students learn grammar and writing techniques for composing sentences and short paragraphs. Students also study grammar topics including simple and compound sentences, commonly used verb tenses, modal auxiliaries, gerunds, and infinitives. Concurrent enrollment in ESL 333 or ESL 334 or ESL 337 is strongly recommended. Concurrent enrollment in ESL 332L is required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86936</a>	101	Lec	TTH	09:40 AM—11:30 AM	01/30/17— 05/26/17	GE213	Apigo, Maritez
<a href="#">86937</a>	102	Lec	MW	08:00 AM—09:50 AM	01/30/17— 05/26/17	GE201	Mitevaska, Margarita
<a href="#">86938</a>	103	Lec	TTH	07:00 PM—08:50 PM	01/30/17— 05/26/17	GE215	Simonson, Novella

#### [ESL 332L - ESL Skills Development Lab 0.50 Units](#)

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

Corequisite: ESL 332

This laboratory course is required learning assistance for students enrolled in ESL 332. Students will receive individualized instructional support and use educational software that expands the students' experience with writing narrative and descriptive paragraphs and developing sentence skills.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86939</a>	101	Lab			01/30/17— 05/26/17	L120	Apigo, Maritez

Required lab for ESL 332 day sections

<a href="#">86941</a>	103	Lab		01/30/17— 05/26/17	L120	Mitevaska, Margarita
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Required lab for ESL 332-103 reg ID 86938

### [ESL 333 - Basic Reading Skills 2 3.00 Units](#)

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

Prerequisite: ESL 343 or ESL 346 with P grade or placement based on assessment

Recommended: Concurrent enrollment in (ESL 332 and/or ESL 334 and/or ESL 337) and ESL 203 is strongly recommended

ESL 333 is an intermediate-low reading course for non-native speakers of English. Students expand reading and vocabulary skills by focusing on strategies for the literal and critical comprehension of text. Reading comprehension skills include identifying and analyzing organizational patterns, logical organizers, and author's purpose. Students also develop speaking and writing skills through interactive activities based on the reading material. Concurrent enrollment in ESL 332 or ESL 334 or ESL 337 and ESL 203 is strongly recommended.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86943</a>	102	Lec	MW	10:00 AM—11:20 AM	01/30/17— 05/26/17	GE115	Takei, Leslie
<a href="#">86945</a>	103	Lec	TTH	05:30 PM—06:50 PM	01/30/17— 05/26/17	GE219	Welles, Norma

### [ESL 334 - Basic Listening/Speaking 2 5.00 Units](#)

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

Prerequisite: ESL 344 or ESL 347 with P grade or placement based on assessment

Corequisite: ESL 334L

Recommended: Concurrent enrollment in ESL 332 or ESL 333 is strongly recommended.

ESL 334 is an intermediate-low listening/speaking course for non-native speakers of English. Students will learn listening skills such as distinguishing main idea from details, and speaker's role, intent, tone, and mood. Students will also learn speaking skills at the intermediate-low level of proficiency such as restating main idea and supporting ideas, and asking questions and effective discussion techniques to exchange and verify information. Concurrent enrollment in ESL 332 or ESL 333 is strongly recommended. Concurrent enrollment in 334L is required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86946</a>	101	Lec	MW	11:45 AM—02:10 PM	01/30/17— 05/26/17	GE205	Takei, Leslie
<a href="#">86947</a>	102	Lec	TTH	11:45 AM—02:10 PM	01/30/17— 05/26/17	GE215	Simonson, Novella
<a href="#">86948</a>	103	Lec	MW	07:00 PM—09:25 PM	01/30/17— 05/26/17	GE215	Simonson, Novella

### [ESL 334L - ESL Skills Development Lab 0.50 Units](#)

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

Corequisite: ESL 334

This laboratory course is required learning assistance for students enrolled in ESL 334. Students will receive individualized instructional support and use educational software that expands the students' listening/speaking skills and cultural awareness.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86949</a>	101	Lab			01/30/17— 05/26/17	L120	Takei, Leslie

Required lab for ESL 334 day sections

<a href="#">86951</a>	103	Lab			01/30/17— 05/26/17	L120	Takei, Leslie
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Required lab for ESL 334-103 reg ID86948

### [ESL 342 - Basic Writing Skills 1 4.00 Units](#)

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

Corequisite: .5 unit ESL 342L

Recommended: Concurrent enrollment in ESL 344 and/or ESL 343 is strongly recommended

ESL 342 is a novice-high grammar and writing course for non-native speakers of English. Students will study the grammar and syntax of written discourse in sentences and short passages. Students will learn how to write, revise, and edit a variety of sentences and short paragraphs. Concurrent enrollment in .5 unit of ESL 342L is required for technology-based grammar and writing practice with lab assistance.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86952</a>	101	Lec	TTH	09:40 AM—11:30 AM	01/30/17— 05/26/17	GE223	Pucay, Dorothy
<a href="#">86953</a>	102	Lec	TTH	07:00 PM—08:50 PM	01/30/17— 05/26/17	GE105	Jellison, Heather

### [ESL 342L - ESL Skills Development Lab 0.50 Units](#)

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

Corequisite: ESL 342

This laboratory course is required learning assistance for students enrolled in ESL 342. Students will receive individualized instructional support and use educational software that expands students' experience with writing and grammar at a novice-high proficiency level.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86954</a>	101	Lab			01/30/17— 05/26/17	L120	Seidel, Marlo
Required lab for ESL 342-101 reg ID 86952							
<a href="#">86955</a>	102	Lab			01/30/17— 05/26/17	L120	Seidel, Marlo
Required lab for ESL 342-102 reg ID 86953							

[ESL 343 - Basic Reading Skills 1 3.00 Units](#)

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

Recommended: Concurrent enrollment in (ESL 342 and/or ESL 344) and ESL 203 is strongly recommended

ESL 343 is a novice-high reading course for non-native speakers of English. Students learn comprehension skills such as identifying and distinguishing main ideas and details and finding meaning of new words through context clues. Students also develop post-reading strategies such as paraphrasing important information and brief writing responses to readings. Concurrent enrollment in ESL 342 and ESL 344 is strongly recommended.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86957</a>	101	Lec	TTH	05:30 PM—06:50 PM	01/30/17— 05/26/17	GE215	Simonson, Novella
<a href="#">86958</a>	102	Lec	TTH	08:00 AM—09:20 AM	01/30/17— 05/26/17	GE213	Pucay, Dorothy

[ESL 344 - Basic Listening and Speaking 1 5.00 Units](#)

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

Corequisite: ESL 344L

ESL 344 is an novice-high listening/speaking course for non-native speakers of English. Students will learn listening skills such as listening for main idea and details, phonemic differences, intonation and stress patterns, and sound reductions. Students will also learn speaking skills at novice-high level of restatement of important information, use of key words and phrases in questions and statements, description of speakers' opinions and feelings, and pronunciation of phonemic pairs, stress patterns, and sound reductions. Concurrent enrollment in ESL 344L is required for technology-based listening and speaking practice with lab assistance. Concurrent enrollment in ESL 342 or ESL 343 is strongly recommended

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86960</a>	102	Lec	MW	07:00 PM—09:25 PM	01/30/17— 05/26/17	GE123	Crawford, Adrian

[ESL 344L - ESL Skills Development Lab 0.50 Units](#)

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

Corequisite: ESL 344

This laboratory course is required learning assistance for students enrolled in ESL 344. Students will receive individualized instructional support and use educational software that expands students' experience with listening comprehension and speaking at a novice-high proficiency level.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86961</a>	101	Lab			01/30/17— 05/26/17	L120	Brady, Agnes
Required lab for ESL 344-101 reg ID 86959							
<a href="#">86962</a>	102	Lab			01/30/17— 05/26/17	L120	Pucay, Dorothy
Required lab for ESL 344-102 reg ID 86960							

[ETH 020 - African American Culture 3.00 Units](#)

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

Students survey the African American experience in the United States. Students will critically examine past, present, and evolving socio-political, economic, and cultural dynamics that help to create African American culture.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87048</a>	101	Lec	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	B201	White, Khalid

[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
<a href="#">87049</a>	101	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	GE121	Tran, Quynh-Hoa
<a href="#">87050</a>	102	Lec	W	06:15 PM—09:20 PM	01/30/17— 05/26/17	B204	Gamboa, Jacqueline
<a href="#">87051</a>	103	Online			01/30/17— 05/26/17		White, Khalid

This is an online class.

### [ETH 030 - Chicana/o Culture 3.00 Units](#)

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

Students study the development of Mexican and Chicana/o culture in Mexico and the U.S. Southwest including theory, an analysis of the concept of culture and its application to the Mexican and Chicano community. Emphasis will be placed on the cultural history as well as the socio-psychological realities in the study of people of Mexican origin. Other areas of interest include the Pre-Columbian period, the religions and philosophies, art, language, music, folklore, and lifestyles of the Chicana/o.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87052</a>	101	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	T418	Gamboa, Jacqueline
<a href="#">87417</a>	102	Lec	F	09:00 AM—12:05 PM	01/30/17— 05/26/17	B201	Ayala, Adriana

### [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
<a href="#">87053</a>	101	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	B201	Covarrubias, Jesus
<a href="#">87419</a>	102	Lec	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	B102	Covarrubias, Jesus
<a href="#">87648</a>	103	Lec	TTH	06:15 PM—07:35 PM	01/30/17— 05/26/17	MIL-C2	Ponce, Felipe

### [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
<a href="#">87054</a>	101	Lec	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	B201	Covarrubias, Jesus
<a href="#">87055</a>	102	Lec	M	06:15 PM—09:20 PM	01/30/17— 05/26/17	GE115	Loyola, Angelina

### [FCS 019 - Nutrition 3.00 Units](#)

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

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

Students are introduced to basic nutrition principles, including physiological, psychological, and sociological considerations. Students will analyze the human diet in relation to health, lifestyle choices, personal behaviors, and disease prevention. Individual recommended nutrient intake, the body's use of nutrients, and optimum dietary health across the lifespan will be discussed. Students will also examine the influence of culture, food supply, food choices, and nutritional status, as well as socioeconomic conditions, food fads, and diet misinformation.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87036</a>	101	Online			01/30/17— 05/26/17		Antonelli, Sharon

This is an online class.

<a href="#">87037</a>	102	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	A213	Antonelli, Sharon
<a href="#">87038</a>	103	Lec	TH	06:15 PM—09:20 PM	01/30/17— 05/26/17	B106	Studdert, Sharon

### [FCS 070 - Child Development 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 the child from the prenatal period through adolescence. The physical, social-emotional and cognitive aspects of development are explored. This course is required for ECE majors and recommended for nursing and psychology majors, and anyone wanting to understand the development of children. This course is equivalent to CHAD 60 at SJSU.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">85618</a>	101	Lec	TH	11:45 AM—12:50 PM	02/07/17— 05/04/17	OFC	Sudarsana, Madhavi
	101	Lec	TH	11:45 AM—12:50 PM	02/07/17— 05/04/17	OFC	Sudarsana, Madhavi
	101	Lec	T	11:45 AM—12:35 PM	02/07/17— 05/04/17	OFC	Sudarsana, Madhavi
	101	Lec	T	11:45 AM—12:35 PM	02/07/17— 05/04/17	OFC	Sudarsana, Madhavi
	101	Lec	T	11:45 AM—12:35 PM	09/08/16— 12/08/16	OFC	Sudarsana, Madhavi
	101	Lec	TH	11:45 AM—12:50 PM	09/08/16— 12/08/16	OFC	Sudarsana, Madhavi
	101	Lec	TH	11:45 AM—12:50 PM	09/08/16— 12/08/16	OFC	Sudarsana, Madhavi
	101	Lec	T	11:45 AM—12:35 PM	09/08/16— 12/08/16	OFC	Sudarsana, Madhavi
<a href="#">87039</a>	102	Lec	MW	09:00 AM—12:15 PM	01/30/17— 03/22/17	B106	Bhatnagar, Ranjana
<a href="#">87040</a>	103	Lec	MW	06:15 PM—09:30 PM	01/30/17— 03/22/17	B104	Simon, Deborah
<a href="#">87041</a>	104	Online			01/30/17— 05/26/17		Sudarsana, Madhavi

This is an online class.

### [FMT 100 - Intro Facilities Maintenance 3.50 Units](#)

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

Recommended: Mechanical aptitude, and good command of communication skills.

This course introduces students to industrial maintenance and operations, and OSHA-approved industrial safety procedures and practices. Students acquire knowledge in and apply the use of basic tools and specialized equipment for use in lubrication, maintenance, electrical operation, and repair for industrial facilities equipment.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87524</a>	101	Lec	M	05:30 PM—08:35 PM	01/30/17— 05/26/17	210	Rowhani, Rahm
	101	Lab	M	08:45 PM—10:05 PM	01/30/17— 05/26/17	210L	Rowhani, Rahm
<a href="#">87525</a>	102	Lec	W	12:45 PM—03:50 PM	01/30/17— 05/26/17	208L	Rowhani, Rahm
	102	Lab	W	04:00 PM—05:20 PM	01/30/17— 05/26/17	208L	Rowhani, Rahm

### [FMT 105 - Intro Indust Elect & Controls 2.50 Units](#)

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

Prerequisite: FMT 100 with C or better

Recommended: Completion of AIRC 121 and AIRC 122 is strongly recommended

Students of Facilities Maintenance Technology will develop a working knowledge of the common electronic control devices used in industry. Students will learn the use of sophisticated electronic test equipment.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87526</a>	101	Lec	W	06:00 PM—07:50 PM	01/30/17— 05/26/17	107D	Elsa Jr., Arthur
	101	Lab	W	08:00 PM—09:20 PM	01/30/17— 05/26/17	208L	Elsa Jr., Arthur

### [FMT 120 - Low/High Pressure Boilers 3.00 Units](#)

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

The student will learn to identify, maintain, and operate small and large heating systems used in commercial, institutional, and industrial applications. Types of equipment include hot water, low-pressure and high-pressure steam boilers, auxiliary, safety and flame safeguard controls, steam traps, condensate return, and water treatment systems. Safe and efficient operation of boilers and related central plant machinery and equipment will be emphasized.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87529</a>	101	Lec	M	06:00 PM—09:05 PM	01/30/17— 05/26/17	207J	Bui, Johnny
	101	Lab	M	09:15 PM—10:05 PM	01/30/17— 05/26/17	207J	Bui, Johnny

### [FMT 122 - Intro PLC 4.00 Units](#)

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

Prerequisite: FMT 100 with C or better

Recommended: It is helpful to have experience using a PC and completed CIS 041

Students will study principles of programmable logic controllers (PLCs) operation. Students learn control applications using PLCs in a systematic approach involving problem analysis, ladder diagrams, selection of PLC input and output modules, programming logic functions, and testing. Students will focus on implementation of simple applications in the laboratory.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87527</a>	101	Lec	T	06:00 PM—09:05 PM	01/30/17— 05/26/17	107A	Elsea Jr., Arthur
	101	Lab	TH	06:00 PM—09:05 PM	01/30/17— 05/26/17	107A	Elsea Jr., Arthur

#### [FMT 123 - Intermediate PLCs 4.00 Units](#)

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

Prerequisite: FMT 122 with C or better

Recommended: Student should be comfortable working with office applications on the Windows desktop. Familiarity with the Rockwell Automation RSLogix 5000 integrated development environment is a plus.

Students continue the study of programmable logic controllers (PLCs). Students examine applications of control systems for factory automation and robotics. They will focus on digital and analog inputs and outputs.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87528</a>	101	Lec	T	06:00 PM—09:05 PM	01/30/17— 05/26/17	107B	Elsea Jr., Arthur
	101	Lab	TH	06:00 PM—09:05 PM	01/30/17— 05/26/17	107B	Elsea Jr., Arthur

#### [FREN 001A - Elementary French 5.00 Units](#)

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

Students develop elementary skills in listening, reading, speaking and writing. Students will acquire vocabulary, structures and patterns necessary for comprehension of standard spoken and written French at the American Council on the Teaching of Foreign Languages (ACTFL) Novice Mid to Novice High sub-levels. The course provides insights into the diversity of French and francophone cultures and civilizations.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87558</a>	101	Lec	TTH	10:45 AM—01:10 PM	01/30/17— 05/26/17	GE101	Berke, Michael
<a href="#">87559</a>	102	Lec	MW	06:15 PM—08:40 PM	01/30/17— 05/26/17	GE101	Berke, Michael

#### [GEOG 011 - Intro to Cultural Geography 3.00 Units](#)

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

Students will explore the human elements of geography, including population distribution, land use patterns, religion, language, trade, economics, migration, development, and political landscapes. Students will study the correlation of these human elements with physical elements using maps, globes, mapping exercises, and possibly a field trip.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87062</a>	101	Lec	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	B208	Baurmeister, Ken

#### [GEOL 010 - Physical Geology 3.00 Units](#)

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

Students are introduced to geologic processes related to volcanoes, earthquakes, landslides, erosion, tsunami, and Earth resources. The relationship of these processes to each other and to overarching geologic concepts, such as plate tectonics, the rock cycle and the water cycle will be examined. Major focuses include the impact these processes have on civilization and communicating geologic concepts. The scientific method is illustrated as it relates to analyzing geologic problems. GEOL 010 taken with GEOL 010L meets the lab science requirement for graduation/transfer.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87289</a>	101	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	S213	Lenci, Anthony

#### [GEOL 015 - Earth Science 3.00 Units](#)

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

Students survey the major fields of earth science including geology, astronomy, oceanography and meteorology. Plate tectonics, the lives of stars, earthquakes, tides, and extreme weather will be covered. The relationship of these processes to each other and to overarching earth science concepts, such as the rock cycle, the water cycle, and the evolution of the universe will be examined. Major focuses include the impact these processes have on civilization and communicating science concepts. The scientific method is illustrated as it relates to analyzing earth science problems.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87290</a>	101	Lec	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	S213	Lenci, Anthony

#### [GEOL 015L - Earth Science Laboratory 1.00 Units](#)

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

Corequisite: GEOL 015

Students will study the highlights of geology, astronomy, oceanography, and meteorology. Students will perform laboratory experiments and modeling activities covering topics such as plate tectonics, the lives of stars, earthquakes, tides and extreme weather. Students examine the relationship of these processes to each other and to overarching earth science concepts such as the rock and water cycles, ocean currents, weather patterns, and the solar system. A major focus is on using the scientific method to study these processes and concepts.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87292</a>	101	Lab	T	12:30 PM—03:35 PM	01/30/17— 05/26/17	S213	Lenci, Anthony
	101	Lab	T	12:30 PM—03:35 PM	01/30/17— 05/26/17	S213	Smay, Jessica

[GLOBL 002 - Global Issues 3.00 Units](#)

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

Students are introduced to the origins, current status, and future trends of major transnational issues confronting the global community. They will study current world population trends, and explore meeting human needs for food, water, energy, and health care. Issues addressed include human rights, global inequality, international conflict and cooperation, and our collective responsibility to establish a sustainable environment for future generations.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87063</a>	101	Online			01/30/17— 03/24/17		Conroy, Mary

This is an online class.

[GLOBL 007 - Global Citizenship/Civics 3.00 Units](#)

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

Students will acquire knowledge and skills to gain a better understanding of multicultural perspectives on national and transnational political issues, the global economy, and worldwide social development. Students, as global citizens, will be encouraged to envision and effect positive change in their communities and develop an understanding of how local, national, and global challenges affect them, and how their actions affect others in the world.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87064</a>	101	Online			03/27/17— 05/26/17		Conroy, Mary

This is an online class.

[GUIDE 096 - Career and Life Planning 3.00 Units](#)

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

Students examine career/major options, as well as attainment of life-long success in academic, professional, and personal development. Emphasis is on interest and personality testing, values clarification, career information, research skills, individual skills assessment, decision making and goal setting. Students acquire skills in professional planning including job search techniques, resume writing, and interviewing.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87391</a>	101	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	T203	Chiem, Lila
<a href="#">87392</a>	102	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	T212	Ngo, Tuan
<a href="#">87393</a>	103	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	M102	Harris, Veronica
<a href="#">87394</a>	104	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	GE121	Chenportillo, Lezra
<a href="#">87395</a>	105	Lec	T	06:15 PM—09:20 PM	01/30/17— 05/26/17	T209	Barbosa-Egbuonye, Claudia

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

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

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
<a href="#">89277</a>	101	Lec	S	12:30 PM—02:20 PM	03/18/17— 04/15/17		Martinez, Maricela

[GUIDE 100 - Diagnostic Learning 0.50 Units](#)

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

This course is designed for students whose learning styles have impeded academic performance in traditional classroom settings. Using designated assessment tools students will learn their academic strengths and weaknesses. Students will also be



introduced to services and accommodations provided through Disabilities Support Program and Services (DSP&S) for those who have a specific learning disability. Appropriate recommendations and referrals will be made.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87384</a>	101	Lec	M	08:00 AM—08:50 AM	01/30/17— 03/27/17	SC106	Patel, Cathy

#### [GUIDE 102 - Reading Strategies 1.00 Units](#)

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

This is an individualized course designed for students who have difficulty reading due to a weakness in one or more of the learning modalities involved in the reading process. Students will acquire skills in left-to-right visual tracking, decoding, sight vocabulary, reading rate, comprehension, and use of curriculum materials appropriate to their needs.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87412</a>	101	Lab	TTH	09:00 AM—10:20 AM	01/30/17— 05/26/17	B107	Corelis, Steven

#### [GUIDE 108 - Mathematical Strategies 1.00 Units](#)

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

This is an individualized course designed for students who have difficulty with one or more of the learning modalities involved in the acquisition of math skills. Students will use curriculum materials and acquire learning strategies appropriate to their needs in achieving skills mastery in arithmetic and algebra.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87387</a>	101	Lab	MW	09:00 AM—10:20 AM	01/30/17— 05/26/17	B107	Corelis, Steven
<a href="#">87388</a>	102	Lab	TTH	10:30 AM—11:50 AM	01/30/17— 05/26/17	B107	Corelis, Steven

#### [GUIDE 115 - Computer Assisted Instruction 1.00 Units](#)

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

Students with disabilities will learn basic computer skills. Students will use adaptive hardware and software technology depending on their functional limitations and abilities. This is a self-paced introductory course.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87389</a>	101	Lab	MW	10:30 AM—11:50 AM	01/30/17— 05/26/17	L119	Mendez, Frank

#### [GUIDE 130 - College and Life Success 3.00 Units](#)

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

Students will acquire skills and resources that will help them to become successful college students as well as aid them throughout their lives. Topics will include college policies, procedures, programs, and academic and student services. They will develop critical thinking and study skills, gain awareness of learning styles and strategies, and time management. Career research, selection, self-assessment, and educational planning will be introduced. Students examine their health wellness, stress management, and financial literacy. They will increase awareness of cultural diversity and intercultural communication both professionally and personally, including instructor-student interaction and student-student relationships.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87396</a>	101	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	B106	Reyes, William
<a href="#">87398</a>	103	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	T213	Chavez, Carlos
<a href="#">87400</a>	105	Lec	TTH	02:00 PM—04:25 PM	03/21/17— 05/25/17	GE117	Ronzano, Gina

#### [GUIDE 150 - Adaptive MS Office & Word Pro 2.00 Units](#)

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

Recommended: Knowledge of the keyboard

Students with various disabilities will receive training on specialized adaptive hardware and software while learning introductory Microsoft (MS) Office and word processing skills. Students will use adaptive hardware and software technology depending on their functional limitations and abilities. This is a self-paced introductory course.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87390</a>	101	Lec	M	09:00 AM—10:20 AM	01/30/17— 05/26/17	L119	Mendez, Frank
	101	Lab	W	09:00 AM—10:20 AM	01/30/17— 05/26/17	L119	Mendez, Frank

#### [GUIDE 151 - Job Readiness Skills 2.00 Units](#)

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

Students with various disabilities will learn basic computer skills related to job readiness skills and resume development. Students will be introduced to specialized adaptive hardware and software technology to create basic resumes, cover letters,

and be able to use the internet for basic job readiness tasks.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87413</a>	101	Lec	M	01:00 PM—02:20 PM	01/30/17— 05/26/17	L119	Mendez, Frank
	101	Lab	W	01:00 PM—02:20 PM	01/30/17— 05/26/17	L119	Mendez, Frank

#### [HED 011 - Dynamic Health Concepts 3.00 Units](#)

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

Students will explore current issues in health and wellness with emphasis on making lifelong healthy choices. Highlighted topics include global and national issues, mental health, use of tobacco, alcohol and illicit drugs, nutrition, infectious and noninfectious diseases including risk factors and prevention, human sexuality, and environmental health. Primary emphasis is directed to the individual's total emotional, intellectual, and social health.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87446</a>	101	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	T424	Keck, Rebekah
<a href="#">87447</a>	102	Lec	W	06:30 PM—09:35 PM	01/30/17— 05/26/17	T313	Chang, Janet

#### [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
<a href="#">87066</a>	101	Lec	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	GE207	Yancey, David
<a href="#">87067</a>	102	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	B201	Wood, Diane
<a href="#">87068</a>	103	Online			01/30/17— 05/26/17		Manian, Padma

This is an online class.

#### [HIST 009 - Women in American History 3.00 Units](#)

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

Students will analyze the social, political, and economic aspects of women's lives. Students will examine the interaction of race, class, gender and the issue of dominance and subordination of women. This is a historical survey course on women in the United States from pre-Columbian to present times.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87069</a>	101	Online			01/30/17— 03/24/17		Manian, Padma

This is an online class.

#### [HIST 011B - World History from 1500 3.00 Units](#)

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

Students are introduced to the world's regions and civilizations as interconnected entities from 1500 to the present. Students will examine the fundamental economic, social, political, and ideological elements of human culture in historical context. Students are also introduced to the ideas and accomplishments of significant men and women in each period and region.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87071</a>	101	Online			01/30/17— 03/24/17		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:**

Students will learn about the history of the United States from pre-Columbian times to Reconstruction. 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
<a href="#">87072</a>	101	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	GE207	Rouse, Wendy
<a href="#">87073</a>	102	Lec	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	GE207	Yancey, David
<a href="#">87074</a>	103	Lec	TTH	01:45 PM—03:05 PM	01/30/17— 05/26/17	GE207	Yancey, David
<a href="#">87075</a>	104	Lec	M	06:15 PM—09:20 PM	01/30/17— 05/26/17	GE207	Graham, Steven

<a href="#">87076</a>	105	Online			01/30/17— 03/24/17		Manian, Padma
This is an online class.							
<a href="#">87077</a>	106	Online			03/27/17— 05/26/17		Coburn, Justin
This is an online class.							
<a href="#">87741</a>	110	Online			03/27/17— 05/26/17		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
<a href="#">87078</a>	101	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	GE207	Yancey, David
<a href="#">87079</a>	102	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	GE207	Yancey, David
<a href="#">87080</a>	103	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	GE207	Yancey, David
<a href="#">87081</a>	104	Lec	MW	01:45 PM—03:05 PM	01/30/17— 05/26/17	B204	Wood, Diane
<a href="#">87082</a>	105	Lec	T	06:15 PM—09:20 PM	01/30/17— 05/26/17	GE207	Millner, Steven
<a href="#">87083</a>	106	Online			01/30/17— 03/24/17		Manian, Padma
This is an online class.							
<a href="#">87084</a>	107	Online			03/27/17— 05/26/17		Manian, Padma
This is an online class.							

#### [HIST 021 - African American History 3.00 Units](#)

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

Students will examine the historical development of African Americans from pre-Colonial Africa, to enslavement in the "New World", to their establishment as US citizens who shape the economic, political, social actions and consciousness of the nation. Topics will include slavery and race, the Era of Reconstruction, the Jim Crow south, and the Civil Rights era.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87085</a>	101	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	B201	White, Khalid

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

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

Students receive a thorough grounding in basic medical terminology through a study of root words, prefixes and suffixes. Medical terminology is the study of the principles of medical word building to help the student develop the extensive medical vocabulary used in health care occupations. The study focuses on correct pronunciation, spelling and use of medical terms. Students will develop a base 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
<a href="#">87444</a>	101	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	T418	Keck, Rebekah
<a href="#">87445</a>	102	Lec	MW	01:15 PM—02:35 PM	01/30/17— 05/26/17	T313	Keck, Rebekah
<a href="#">87732</a>	104	Lec	TTH	06:15 PM—07:45 PM	02/14/17— 05/25/17	MIL-L1	Rangaswamy, Anupama

#### [HUMNT 001 - Intro Visual & Performing Arts 3.00 Units](#)

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

Students will be introduced to the basic conceptual vocabulary used in the perception and descriptive analysis of dance, music, theater, and visual art in this interdisciplinary course. Students will use these concepts to interpret art objects in context and in life situations. Examples presented are chosen for their artistic integrity and cultural diversity. Field trips at live art events are typically required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87094</a>	101	Online	TTH	07:45 AM—09:05 AM	01/30/17— 03/24/17	A112	Modirzadeh, Hafez
This is a hybrid class. Part of the class will be taught online.							
<a href="#">87095</a>	102	Lec	TH	06:15 PM—09:20 PM	01/30/17— 05/26/17	A112	Connor, Allison
<a href="#">87096</a>	103	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	A112	Connor, Allison

#### [HUMNT 002 - Intro to World Literature 3.00 Units](#)

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

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

Students are introduced to a variety of literary works from around the world, from the 17th to the 21st century, the present, which are significant in illuminating both the universality and diversity of human experience. Readings in this course are chosen for their literary, historical, cultural, philosophical, and psychological importance.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86615</a>	101	Online			01/30/17— 05/26/17		Inguito, Kevin

#### [HUMNT 003 - Intro to Women's Studies 3.00 Units](#)

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

Students will study the experiences and history of women in the United States and around the world. They will examine the effect of gender on issues such as race, class, sexual orientation, and globalization. Students will analyze the social, political, and economic conditions of women both past and present. This is an interdisciplinary course that incorporates perspectives from history, ethnic studies, anthropology/sociology, literature, economics, art, theater, and science.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87097</a>	101	Online			01/30/17— 05/26/17		Manian, Padma

This is an online class.

#### [IRON 110 - Mixed Base 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 receive an overview of the type of construction blue prints commonly used with emphasis on function and interpretation. Apprentices will review and apply basic math skills and solve typical problems relevant to the construction trades.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">90038</a>	101	Lec	MTWTHF	07:35 AM—10:50 AM	03/13/17— 03/17/17	207L	Ziegler, Peter
	101	Lab	MTWTHF	11:00 AM—03:35 PM	03/13/17— 03/17/17	207L	Ziegler, Peter

#### [IRON 120 - Rigging 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 rigging operations such as wire rope, chains, slings, cranes, helicopters, ladders, and scaffolds. Other topics include rigging safety, knot recognition and strength identification, as well as knot application to rigging.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">90108</a>	101	Lec	MTWTHF	07:35 AM—10:50 AM	05/01/17— 05/05/17	207L	
	101	Lab	MTWTHF	11:00 AM—03:35 PM	05/01/17— 05/05/17	207L	

#### [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
<a href="#">90107</a>	101	Lec	MTWTHF	07:35 AM—10:50 AM	04/03/17— 04/07/17	207L	
	101	Lab	MTWTHF	11:00 AM—03:35 PM	04/03/17— 04/07/17	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
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<a href="#">90039</a>	101	Lec	MTWTHF	07:35 AM—10:50 AM	03/20/17— 03/24/17	207L	Ziegler, Peter
	101	Lab	MTWTHF	11:00 AM—03:35 PM	03/20/17— 03/24/17	207L	Ziegler, Peter

### [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
<a href="#">90037</a>	101	Lec	MTWTHF	07:35 AM—10:50 AM	03/06/17— 03/10/17	207L	Ziegler, Peter
	101	Lab	MTWTHF	11:00 AM—03:35 PM	03/06/17— 03/10/17	207L	Ziegler, Peter
<a href="#">90109</a>	102	Lec	MTWTHF	07:35 AM—10:50 AM	04/24/17— 04/28/17	207L	
	102	Lab	MTWTHF	11:00 AM—03:35 PM	04/24/17— 04/28/17	207L	

### [IRON 151 - Welding II 1.50 Units](#)

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

Prerequisite: IRON 150 with C or better

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

Ironworker Apprentices continue the study of ferrous metals and their reactions to heat. They will expand their knowledge of equipment and materials employed in the use of shielded metal-arc and gas shielded-arc.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">90106</a>	101	Lec	MTWTHF	07:35 AM—10:50 AM	03/27/17— 03/31/17	207L	
	101	Lab	MTWTHF	11:00 AM—03:35 PM	03/27/17— 03/31/17	207L	

### [IRON 152 - Welding III 1.50 Units](#)

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

Prerequisite: IRON 151 with C or better

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

Ironworker Apprentices focus on advanced skill development in shielded metal arc and gas shielded arc welding on ferrous and non-ferrous metals. Topics include vertical and overhead positions on all types of joints as they relate to structural stability.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">90110</a>	101	Lec	MTWTHF	07:35 AM—10:50 AM	05/15/17— 05/19/17	207L	
	101	Lab	MTWTHF	11:00 AM—03:35 PM	05/15/17— 05/19/17	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
<a href="#">90022</a>	101	Lec	MTWTHF	07:35 AM—10:50 AM	03/06/17— 03/10/17	207L	Ziegler, Peter
	101	Lab	MTWTHF	11:00 AM—03:35 PM	03/06/17— 03/10/17	207L	Ziegler, Peter
<a href="#">90040</a>	102	Lec	MTWTHF	07:35 AM—10:50 AM	03/27/17— 03/31/17	207L	
	102	Lab	MTWTHF	11:00 AM—03:35 PM	03/27/17— 03/31/17	207L	

### [JAPAN 001A - Elementary Japanese 5.00 Units](#)

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

Students are introduced to reading, writing, and speaking skills in novice-level Japanese. Students will learn the sound, grammar, and writing systems of Japanese. Students will also study the language in the context of Japanese culture and history. This course corresponds to two years of high school study and is not recommended for native speakers of Japanese.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87560</a>	101	Lec	MW	12:15 PM—02:40 PM	01/30/17— 05/26/17	GE201	Fukui, Ikuko
<a href="#">87561</a>	102	Lec	TTH	12:15 PM—02:40 PM	01/30/17— 05/26/17	GE201	Fukui, Ikuko

### [JAPAN 001B - Elementary Japanese 5.00 Units](#)

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

Prerequisite: JAPAN 001A with C or better

This course is a continuation of Elementary Japanese 001A. Students are provided continuing practice in the basic communication skills of speaking, reading, and writing of Japanese. Sixty five (65) new Chinese characters will be taught. Customs and cultural aspects will be discussed.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87562</a>	101	Lec	TTH	09:15 AM—11:40 AM	01/30/17— 05/26/17	GE201	Fukui, Ikuko
<a href="#">87563</a>	102	Lec	MW	03:15 PM—05:45 PM	01/30/17— 05/26/17	LND	McDaniel, Kaori

### [JAPAN 002A - Intermediate Japanese 5.00 Units](#)

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

Prerequisite: JAPAN 001B with C or better

This course is a continuation of Japanese 001B. Students review and expand knowledge of the structure of the Japanese language. Students practice speaking, reading and writing at intermediate-level of Japanese language competency. Students also continue to learn social and cultural aspects of Japan, as well as Japanese cultural values.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87649</a>	101	Lec	MW	04:00 PM—06:25 PM	01/30/17— 05/26/17	GE201	Fukui, Ikuko

### [JAPAN 002B - Intermediate Japanese 5.00 Units](#)

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

Prerequisite: JAPAN 002A with C or better

This course is a continuation of Japanese 002A. Students review and expand their knowledge of the structure of the Japanese language. Students practice speaking, reading, and writing at the high-intermediate level of Japanese language competency. Students also continue to learn social and cultural aspects of Japan including different levels of speech to reflect different strata of Japanese society.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87564</a>	101	Lec	TTH	03:15 PM—05:45 PM	01/30/17— 05/26/17	LND	McDaniel, Kaori

### [JOURN 021 - Mass Media & Society 3.00 Units](#)

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

Students will study mass media and its relationship to and impact on society. Students will cover topics including basic theories in mass communication, media history, and analysis of media production. Students will also explore legal, ethical, and social issues related to the media.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86498</a>	101	Online			01/30/17— 05/26/17		McElroy, Gail

This is an online class.

### [JOURN 032A - Media Production I 3.00 Units](#)

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

Recommended: Successful completion of ENGL 092, consumption of commercial news, willingness to commit the time needed to produce the newspaper

Students will focus on the practical application of writing and producing news using the City College Times, a school newspaper, in print, online, and emerging media. Students will work in the following areas: researching, writing, and editing articles; taking photographs and creating graphic illustrations; developing multimedia stories; or designing pages, and advertising. Ethics and legal aspects of communication will also be covered.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86503</a>	101	Lec	TTH	11:15 AM—12:05 PM	01/30/17— 05/26/17	T302	Dada, Farideh
	101	Lab	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	T302	Dada, Farideh

### [JOURN 032B - Media Production 2 3.00 Units](#)

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

Prerequisite: JOURN 032A with C or better

Recommended: Successful completion of ENGL 092, consumption of commercial news, willingness to commit the time needed to produce the newspaper, photography background

Students will continue to develop writing and production techniques and take on a leadership and management role in this

second level media production course. They will use the City College Times, a school newspaper, in print, online, and emerging media. Students will gain practical experience in the following areas: researching, writing, and editing articles, taking photographs and creating graphic illustrations; developing multimedia stories; designing, and advertising. Ethics and legal aspects of communication and media leadership/management are also covered.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86504</a>	101	Lec	TTH	01:45 PM—02:35 PM	01/30/17— 05/26/17	T302	Dada, Farideh
	101	Lab	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	T302	Dada, Farideh

[JOURN 035A - Intro to Editorial Mgt 1.00 Units](#)

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

Corequisite: JOURN 022 or JOURN 032A or JOURN 032B

Students will acquire introductory level skills of managing the production and the editorial function of the college print and online publications. They will focus on working with the media staff to develop news and feature coverage of campus and community events and issues. Students will learn workflow management and develop leadership skills in collaborative project-based classroom environment. This course is designed for editors of the college student media.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86524</a>	101	Lec	TH	02:45 PM—03:35 PM	01/30/17— 05/26/17	T302	Dada, Farideh
	101	Lab	TH	03:45 PM—05:05 PM	01/30/17— 05/26/17	T302	Dada, Farideh

[JOURN 035B - Intermediate Editorial Mgmt 1.00 Units](#)

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

Prerequisite: JOURN 035A with C or better

Students will acquire intermediate level skills of managing the editorial function of producing college media. They will focus on directing media staff to develop news and feature coverage of campus and community events and issues. Students continue to learn workflow management, work under pressure, meet deadlines, and build leadership skills.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86525</a>	101	Lec	TH	02:45 PM—03:35 PM	01/30/17— 05/26/17	T302	Dada, Farideh
	101	Lab	TH	03:45 PM—05:05 PM	01/30/17— 05/26/17	T302	Dada, Farideh

[JOURN 150 - Intro to Public Relations 3.00 Units](#)

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

Recommended: JOURN 022 with a C or better.

Students are introduced to the field of public relations, including its principles, history and development. They will examine the ethical and legal aspects of public relations and its role in society and the global economy. Students will plan and execute effective communications strategies, and they will write and produce messages designed for distribution to various target audiences.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87723</a>	102	Hybrid	T	10:45 AM—12:05 PM	02/28/17— 05/23/17	GE203	McElroy, Gail

This is a hybrid class. There are two required on-campus meetings: Tuesday, Feb 28, 2017 and Tuesday, May 23, 2017. The rest of the coursework will be completed online.

[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
<a href="#">85972</a>	101	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	B204	Robb, Douglas
<a href="#">85973</a>	102	Lec	M	06:00 PM—09:05 PM	01/30/17— 05/26/17	GE125	Numberg, Dieterich
<a href="#">85974</a>	103	Online			01/30/17— 05/26/17		Rafat, Tait

This is an online class.

[KIN 010 - Sports in Society 3.00 Units](#)

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

Students will examine cultural, historical, and political influences and problems associated with sports. Topics include ethics, gender participation, race and ethnicity, and the influence and impact of media on sports.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">85975</a>	101	Lec	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	B102	Connor, Carlton

[KIN 095 - Life Skills for the Athlete 3.00 Units](#)

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

Athletes acquire life skills to manage academics, athletics, and work. Topics will include time management, academics, study skills, personal hygiene, health, nutrition, relationships, and conduct. Athletes will attend a variety of college workshops.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87428</a>	102	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	GE117	Crawford, Lawrence

[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 (CCCAA) eligibility.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">85978</a>	102	Lab	TWTH	03:30 PM—04:20 PM	01/30/17— 05/26/17	TRK	Connor, Carlton

[KINA 057 - Cross-Train Intercoll Athlete 1.00 Units](#)

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

This course is designed to prepare the intercollegiate athlete for the competitive season. Cross-training will include muscular strength and endurance, cardiovascular endurance, and flexibility. It may be repeated to meet the requirements of the California Community College Athletic Association (CCCAA) eligibility.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">85979</a>	101	Lab	TWTH	07:45 AM—08:35 AM	01/30/17— 05/26/17	308	Connor, Carlton
<a href="#">85980</a>	102	Lab	TTH	06:00 AM—07:20 AM	01/30/17— 05/26/17	TRK	Oberg, Terri
<a href="#">85981</a>	103	Lab	WF	06:00 AM—07:20 AM	01/30/17— 05/26/17	PF	Huntze-Rooney, Deborah
<a href="#">85983</a>	104	Lab	TTH	02:30 PM—03:50 PM	01/30/17— 05/26/17	308	Carr, Percy

[KINAM 012B - Int Basketball - Men 1.00 Units](#)

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

Prerequisite: Medical examination clearance and athletic eligibility per Commission on Athletics Constitution and by-laws

Student athletes will practice and participate in men's intercollegiate basketball competition. They will improve skills in leadership, team play, sportsmanship, and in balancing academics and athletics. Students may also participate in college and community activities.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87431</a>	101	Lab	MTTH	04:00 PM—04:50 PM	01/30/17— 05/26/17	MGYM	Carr, Percy

[KINAM 024 - Intercollegiate Golf 3.00 Units](#)

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

Corequisite: Medical examination clearance and athletic eligibility per Commission on Athletics Constitution and by-laws.

Student athletes will practice and participate in men's intercollegiate golf competition. Students will develop skills in leadership, team play, sportsmanship, and in balancing academics and athletics. Students may also participate in college and community activities. Participation in off-campus competitions is required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">85984</a>	101	Lab	MTWTH	01:45 PM—04:00 PM	01/30/17— 05/26/17	OFC	Stagnaro, Donald

[KINAM 048 - Intercoll Track & Field-Men 3.00 Units](#)

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

Corequisite: Medical examination clearance and athletic eligibility per Commission on Athletics Constitution and by-laws

Student athletes will practice and participate in intercollegiate competition in men's track and field. They will improve skills in leadership, team play, sportsmanship, and in balancing academics and athletics. Students may also participate in college and



community activities. Participation in off-campus competitions is required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">85985</a>	101	Lab	MTWTFH	03:00 PM—04:50 PM	01/30/17— 05/26/17	TRK	Nelson, Steven

[KINAW 012B - Int Basketball - Women 1.00 Units](#)

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

Prerequisite: Medical examination clearance and athletic eligibility per Commission on Athletics Constitution and by-laws

Student athletes will practice and participate in women's intercollegiate basketball competition. They will improve skills in leadership, team play, sportsmanship, and in balancing academics and athletics. Students may also participate in college and community activities.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87432</a>	101	Lab	MTTH	02:00 PM—02:50 PM	01/30/17— 05/26/17	MGYM	Oberg, Terri

[KINAW 040 - Intercollege Softball 3.00 Units](#)

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

Corequisite: Medical examination clearance and athletic eligibility per Commission on Athletics Constitution and by-laws.

Student athletes will practice and participate in women's intercollegiate softball competition. They will improve skills in leadership, team play, sportsmanship, and in balancing academics and athletics. Students may also participate in college and community activities. Participation in off-campus competitions is required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">85986</a>	101	Lab	MTWTFH	01:45 PM—03:35 PM	01/30/17— 05/26/17	SB	Huntze-Rooney, Deborah

[KINAW 048 - Intercoll Track & Field-Women 3.00 Units](#)

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

Corequisite: Medical examination clearance and athletic eligibility per Commission on Athletics Constitution and by-laws.

Student athletes will practice and participate in intercollegiate competition in women's track and field. They will improve skills in leadership, team play, sportsmanship, and in balancing academics and athletics. Students may also participate in college and community activities. Participation in off-campus competitions is required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">85987</a>	101	Lab	MTWTFH	03:00 PM—04:50 PM	01/30/17— 05/26/17	TRK	Nelson, Steven

[KINPE 008 - Archery 1.00 Units](#)

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

Students develop the fundamental skills of archery as a target shooting sport. Students acquire knowledge in the safe use and proper care of tackle, along with range safety.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">85988</a>	101	Lab	S	09:00 AM—12:05 PM	01/30/17— 05/26/17	PF	Fraire, Nicolas
<a href="#">85989</a>	102	Lab	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	PF	Rafat, Tait
<a href="#">85990</a>	103	Lab	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	PF	Crawford, Lawrence

[KINPE 012 - Basketball 1.00 Units](#)

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

Students will develop cardiovascular conditioning and learn the techniques, rules and strategies of the game of basketball.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87430</a>	101	Lab	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	MGYM	Carr, Percy

[KINPE 019 - Tae Kwon Do 1.00 Units](#)

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

Students learn the forms, techniques, practice, and etiquette of Tae Kwon Do. Students acquire techniques of Tae Kwon Do including basic forms, basic kicking, and combination of kicking and punching, and self-defense.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">85992</a>	101	Lab	MW	06:15 AM—07:35 AM	01/30/17— 05/26/17	MULTI	Ellis, Bobby Joe

[KINPE 023 - Cardio Kickboxing 1.00 Units](#)

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

Cardio kickboxing is an aerobic conditioning activity combining punches, kicks, and other kickboxing moves. Students acquire kickboxing skills designed to enhance cardiovascular endurance, muscular strength, and balance and coordination.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">85993</a>	101	Lab	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	MULTI	Huerta, Samuel
<a href="#">85994</a>	102	Lab	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	MULTI	Lambdin, Jennae
<a href="#">85995</a>	103	Lab	TTH	06:00 PM—07:20 PM	01/30/17— 05/26/17	MULTI	Nurnberg, Dieterich

[KINPE 030 - Fit for Life 1.00 Units](#)

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

Students will learn about fitness techniques, cardiorespiratory endurance, muscle endurance, strength, and flexibility through a variety of exercises. The effects of nutrition and diet on body composition and weight control will also be covered.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">85996</a>	101	Lab	MW	07:45 AM—09:05 AM	01/30/17— 05/26/17	308	Oberg, Terri
<a href="#">85998</a>	103	Lab	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	TRK	Robb, Douglas
<a href="#">86001</a>	104	Lab	TTH	01:45 PM—03:05 PM	01/30/17— 05/26/17	TRK	Robb, Douglas

[KINPE 038 - Soccer - Recreational 1.00 Units](#)

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

Students acquire the knowledge and physical skills required for playing soccer, including offensive and defensive strategies and rules of soccer. This course is open to all skill levels and is not intercollegiate.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86002</a>	101	Lab	F	09:00 AM—12:05 PM	01/30/17— 05/26/17	PF	Fraire, Nicolas

[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
<a href="#">86004</a>	101	Lab	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	112	Huntze-Rooney, Deborah
<a href="#">86005</a>	102	Lab	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	112	Huntze-Rooney, Deborah
<a href="#">86006</a>	103	Lab	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	112	Bruga, Kathleen
<a href="#">87429</a>	105	Lab	TTH	01:45 PM—03:05 PM	01/30/17— 05/26/17	112	Owens, Linda

[KINPE 041 - Pilates Mat Workout 1.00 Units](#)

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

Students apply the principles of "Pilates" to resistance exercises on the mat to improve muscle strength, joint stability, flexibility, and postural alignment. Emphasis is placed on active movement integrating alignment, breath, control, flow, and precision. Students must provide their own exercise mat.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86217</a>	102	Lab	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	112	Lambdin, Jennae
<a href="#">86218</a>	103	Lab	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	112	Robb, Douglas
<a href="#">86219</a>	104	Lab	MW	01:45 PM—03:05 PM	01/30/17— 05/26/17	112	Robb, Douglas

[KINPE 043 - Body Sculpting 1.00 Units](#)

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

Students will study the muscular system of the human body and the principles of resistance training. They will use total body sculpting techniques and equipment, such as hand weights, resistance bands, and exercise mats.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86374</a>	101	Lab	TTH	06:20 AM—07:40 AM	01/30/17— 05/26/17	308	Ellis, Bobby Joe
<a href="#">86375</a>	102	Lab	F	09:00 AM—12:05 PM	01/30/17— 05/26/17	308	Robb, Douglas

<a href="#">86376</a>	103	Lab	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	308	Oberg, Terri
<a href="#">86377</a>	104	Lab	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	308	Connor, Carlton

[KINPE 052 - Volleyball 1.00 Units](#)

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

Students acquire the skills used in volleyball, including passing, setting, spiking, serving, and blocking. Team offensive and defensive strategies, and rules and regulations are covered. The class is for all skill levels.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86220</a>	101	Lab	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	MGYM	Huerta, Samuel

[KINPE 053 - Walking/Jogging for Health 1.00 Units](#)

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

Students are introduced to the benefits of exercise through walking/jogging and to the principles of exercise which will increase cardiovascular conditioning, endurance, and flexibility.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86221</a>	101	Lab	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	TRK	Robb, Douglas
<a href="#">86222</a>	102	Lab	MW	05:30 PM—06:50 PM	01/30/17— 05/26/17	TRK	Ellis, Bobby Joe
<a href="#">87740</a>	103	Lab	MW	06:00 PM—07:20 PM	01/30/17— 05/26/17	TRK	Connor, Carlton
	103	Lab	MW	06:00 PM—07:20 PM	01/30/17— 05/26/17	TRK	Ellis, Bobby Joe

[KINPE 055 - Step Aerobics 1.00 Units](#)

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

Students will learn how to improve or maintain cardio-vascular fitness using music with step aerobics. Safety, strength, flexibility, and nutrition components will be included. Modifications for various fitness levels will be taught.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86371</a>	101	Lab	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	MULTI	Huerta, Samuel

[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
<a href="#">86379</a>	101	Lab	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	308	Oberg, Terri
<a href="#">86380</a>	102	Lab	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	308	Robb, Douglas
<a href="#">86381</a>	103	Lab	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	308	Robb, Douglas
<a href="#">86382</a>	104	Lab	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	308	Oberg, Terri
<a href="#">86383</a>	105	Lab	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	308	Oberg, Terri
<a href="#">86384</a>	106	Lab	MW	01:45 PM—03:05 PM	01/30/17— 05/26/17	308	Connor, Carlton
<a href="#">86385</a>	107	Lab	TTH	01:45 PM—03:05 PM	01/30/17— 05/26/17	308	Connor, Carlton
<a href="#">87434</a>	110	Lab	MW	06:15 AM—07:35 AM	01/30/17— 05/26/17	308	Oberg, Terri

[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
<a href="#">86387</a>	101	Lab	F	09:00 AM—12:05 PM	01/30/17— 05/26/17	308	Robb, Douglas
<a href="#">86388</a>	102	Lab	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	308	Oberg, Terri
<a href="#">86389</a>	103	Lab	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	308	Connor, Carlton
<a href="#">87433</a>	104	Lab	MW	06:15 AM—07:35 AM	01/30/17— 05/26/17	308	Oberg, Terri
<a href="#">87619</a>	106	Lab	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	308	Oberg, Terri
<a href="#">87620</a>	107	Lab	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	308	Robb, Douglas

[KINPE 059 - Yoga for Stress Mgt 1.00 Units](#)**Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

Students learn yoga asanas (movements), meditation, and relaxation techniques in order to manage their stress at school, home, work, and in every day interactions with others.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86372</a>	101	Lab	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	112	Bruga, Kathleen
<a href="#">86373</a>	102	Lab	W	05:15 PM—08:20 PM	01/30/17— 05/26/17	112	Owens, Linda

[LASER 098 - Directed Study 7.00V Units](#)**Grading:** 0 | **Advisory Level** — **Read: 3** | **Write: 3** | **Math:**

Prerequisite: Completion of the following course(s) and project approval is required by sponsoring faculty, division dean, and Vice President of Academic Affairs.; LASER 102 with C or better

Individual or small groups of students 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 in consultation with the Division Dean 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
<a href="#">90133</a>	101				05/10/17— 05/26/17		Sukuta, Sydney

[LASER 100 - Introduction to Photonics 4.00 Units](#)Credit by Exam: Yes **Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 3**

Students study the principles of photonics and learn the techniques and skills typically performed by an entry-level laser/electro-optics technician. Topics covered include optics and laser principles, laser performance analysis, and good laser (GLP) lab and manufacturing (GMP) practices. LASER 100 is the introductory course leading to certificates and an AS Degree/certificates in Laser Technology.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87442</a>	101	Lec	M	06:00 PM—09:05 PM	01/30/17— 05/26/17	114	Sukuta, Sydney
	101	Lab	W	06:00 PM—09:05 PM	01/30/17— 05/26/17	114	Sukuta, Sydney

[LASER 101 - Laser Optics 4.00 Units](#)**Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 3**

Prerequisite: LASER 100 with C or better

Students study ABCD matrix characterization and prototyping, testing and performance optimization of laser components and systems. Course emphasis is on lenses, polarizers, waveplates, optical coatings, laser resonators and Gaussian beams, interferometers, and spectrometers. Laser Optics is the second course leading to certificates and an AS degree in Laser Technology.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87697</a>	101	Lec	MTWTH	04:00 PM—05:25 PM	01/30/17— 03/22/17	113	Sukuta, Sydney
	101	Lab	MTWTH	05:35 PM—07:00 PM	01/30/17— 03/22/17	113	Pogatchnik, Chris

[LASER 102 - Intermediate Laser Technology 4.00 Units](#)**Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 3**

Prerequisite: LASER 100 with C or better

Students learn the fundamentals of solid state laser technology and introductory theory of pulsed laser systems. Students also learn nonlinear optics, harmonics generation, and principles for q-switching. Intermediate Laser Technology is one of the required courses leading to certificates and an AS degree in Laser Technology.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87598</a>	101	Lec	T	06:00 PM—09:05 PM	01/30/17— 05/26/17	114	Sukuta, Sydney
	101	Lab	TH	06:00 PM—09:05 PM	01/30/17— 05/26/17	114	Sukuta, Sydney
<a href="#">87737</a>	102	Lec	MTWTH	04:00 PM—05:15 PM	03/23/17— 05/25/17	113	Sukuta, Sydney
	102	Lab	MTWTH	05:25 PM—06:40 PM	03/23/17— 05/25/17	113	Farhoodfar, Avid

[LS 090 - Directed Tutoring Experience 1.00 Units](#)**Grading:** L | **Advisory Level** — **Read: 3** | **Write: 3** | **Math:**

Students will gain knowledge about tutoring to provide effective academic assistance to others. Students assess, compare and

contrast tutoring techniques to address different learning styles, and emphasize study skills and discipline-specific tutoring needs.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86618</a>	101	Lec	M	02:00 PM—02:50 PM	01/30/17— 05/26/17	L103	McKimmey, Teresa

[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
<a href="#">87208</a>	101	Tutoring			01/30/17— 05/26/17	L105	Castilla, Guillermo
<a href="#">87209</a>	102	Tutoring			01/30/17— 05/26/17	L105	Frazier, Christopher
<a href="#">87210</a>	103	Tutoring			01/30/17— 05/26/17	L105	Castilla, Guillermo
<a href="#">87211</a>	104	Tutoring			01/30/17— 05/26/17	L105	Kifer, Curtis
<a href="#">87212</a>	105	Tutoring			01/30/17— 05/26/17	L105	Adamczeski, Madeline
<a href="#">87213</a>	106	Tutoring			01/30/17— 05/26/17	L105	Trieu, Phong
<a href="#">87214</a>	107	Tutoring			01/30/17— 05/26/17	L105	Du, Jianbo
<a href="#">87215</a>	108	Tutoring			01/30/17— 05/26/17	L105	Drazkiewicz, Aneta
<a href="#">87216</a>	109	Tutoring			01/30/17— 05/26/17	L105	Chaharsough-Shirazi, Atousa
<a href="#">87217</a>	110	Tutoring			01/30/17— 05/26/17	L105	Singh, Shiva
<a href="#">87382</a>	111	Tutoring			01/30/17— 05/26/17		Patel, Cathy
<a href="#">87383</a>	112	Tutoring			01/30/17— 05/26/17		Patel, Cathy
<a href="#">87546</a>	113	Tutoring			01/30/17— 05/26/17	L103	Bell, Lauran
<a href="#">87547</a>	114	Tutoring			01/30/17— 05/26/17	L103	Bernstein, Mark
<a href="#">87548</a>	115	Tutoring			01/30/17— 05/26/17	L103	Bell, Lauran
<a href="#">87549</a>	116	Tutoring			01/30/17— 05/26/17	L103	McKimmey, Teresa
<a href="#">87550</a>	117	Tutoring			01/30/17— 05/26/17	L103	Bell, Lauran
<a href="#">87551</a>	118	Tutoring			01/30/17— 05/26/17	L103	Vladimirov, Teri
<a href="#">87552</a>	119	Tutoring			01/30/17— 05/26/17	L103	Vladimirov, Teri
<a href="#">87553</a>	120	Tutoring			01/30/17— 05/26/17	L103	Bell, Lauran
<a href="#">87554</a>	121	Tutoring			01/30/17— 05/26/17	L103	Vladimirov, Teri
<a href="#">87555</a>	122	Tutoring			01/30/17— 05/26/17	L103	Stachnick, Michal
<a href="#">87556</a>	123	Tutoring			01/30/17— 05/26/17	L313	Brennan, Raymond
<a href="#">87557</a>	124	Tutoring			01/30/17— 05/26/17	L313	Stachnick, Michal
<a href="#">87652</a>	125	Tutoring			01/30/17— 05/26/17	L313	Jain, Nanda
<a href="#">87653</a>	126	Tutoring			01/30/17— 05/26/17	L313	Jain, Nanda
<a href="#">87654</a>	127	Tutoring			01/30/17— 05/26/17	L313	Lu, Bing
<a href="#">87655</a>	128	Tutoring			01/30/17— 05/26/17	L103	Trombly-Christen, Christine

[MA 004 - Human Structure & Function 4.00 Units](#)

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

Recommended: Completion of MATH 310 or 311 or higher with a P grade or higher

Students will study basic human anatomy structures and physiology concepts related to each of the body systems. Correlating pathologies and therapies will be covered in relation to each of the body systems. This course is designed for, but is not limited to, students in Medical Assisting and Allied Health programs and not recommended for pre-med or nursing majors.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87581</a>	101	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	T515	Kahlon, Jagrup
	101	Lab	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	T515	Kahlon, Jagrup

[MA 005 - Medical Office Emergencies 2.00 Units](#)

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

Students will acquire the knowledge and skills necessary to handle emergency procedures in medical offices including hospital

settings. Students will learn to evaluate cardiac arrest and/or an obstructed airway, and safely perform Cardiopulmonary Resuscitation (CPR) intervention. Students will obtain the knowledge to disseminate information to various regulatory emergency agencies. Upon successful completion, students will earn CPR certification.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87582</a>	101	Lec	T	01:45 PM—03:05 PM	01/30/17— 05/26/17	T519	Bautista, Rosemary
	101	Lab	T	03:15 PM—04:35 PM	01/30/17— 05/26/17	T518	Bautista, Rosemary

#### [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
<a href="#">87583</a>	101	Lec	MW	01:30 PM—02:50 PM	01/30/17— 05/26/17	T418	Kahlon, Jagrup
<a href="#">87584</a>	102	Lec	W	06:00 PM—09:05 PM	01/30/17— 05/26/17	T424	Tatarski, Georgi

#### [MA 008 - Med Off/Financial Procedures 3.00 Units](#)

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

Students will gain the knowledge and skills necessary to perform medical office financial procedures. Topics will include credits and collections, bookkeeping, medical insurance, payroll, and banking procedures in medical office settings or health care facilities.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87585</a>	101	Lec	MW	12:15 PM—01:05 PM	01/30/17— 05/26/17	T212	Ovens, Donna
	101	Lab	MW	01:15 PM—02:35 PM	01/30/17— 05/26/17	T212	Ovens, Donna

#### [MA 011 - Medical Coding 2.00 Units](#)

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

Prerequisite: HSCI 008 and (BIOL 071 or BIOL 020 or MA 004), all with C or better

Students will acquire basic knowledge of the functions of coding used in the medical field. Students will learn to interpret and locate codes in the CPT (Current Procedural Terminology) manual and ICD-10-CM (International Classification of Diseases-10-Clinical Modifiers) manual.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87586</a>	101	Lec	T	11:45 AM—12:35 PM	01/30/17— 05/26/17	T209	Ovens, Donna
	101	Lab	T	12:45 PM—01:35 PM	01/30/17— 05/26/17	T209	Ovens, Donna
	101	Lab	TH	11:45 AM—01:50 PM	01/30/17— 05/26/17	T209	Ovens, Donna

#### [MA 020 - Physical Exam Procedures 3.00 Units](#)

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

Prerequisite: MA 006 and (BIOL 071 or BIOL 020 or MA 004) all with C or better

This course prepares a student to perform a variety of clinical tasks in the medical assisting field. Skill competencies include preparing the exam room, obtaining patient medical histories, taking vital signs, assisting with physical examinations, instruments for examination, nutritional education planning, orthopedic bracing/casting, performing electrocardiograms, and handling medical emergencies.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87587</a>	101	Lec	MW	01:15 PM—02:05 PM	01/30/17— 05/26/17	T519	Golubev, Denis
	101	Lab	MW	02:15 PM—03:35 PM	01/30/17— 05/26/17	T518	Golubev, Denis

#### [MA 021 - Medical Office Lab Procedures 3.00 Units](#)

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

Prerequisite: MA 006 and HSCI 008 and (BIOL 071 or BIOL 020 or MA 004) all with C or better

Recommended: Completion of MATH 310 or 311 or higher with a P grade or higher

Students learn to execute and evaluate typical laboratory tests performed in a medical office or general lab setting. Specimen collection and handling, analysis techniques, quality assurance and control, and the interpretation of normal and abnormal lab values are emphasized. Students will also acquire phlebotomy skills.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
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<a href="#">87588</a>	101	Lec	MW	05:30 PM—06:20 PM	01/30/17— 05/26/17	T513	Golubev, Denis
	101	Lab	MW	06:30 PM—07:50 PM	01/30/17— 05/26/17	T518	Golubev, Denis

[MA 022 - Med Asepsis & Surg Procedures 3.00 Units](#)

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

Prerequisite: MA 006 and HSCI 008 and (BIOL 071 or BIOL 020 or MA 004) all with C or better

Medical assisting students study the theory and practice involved in assisting with minor office surgeries and wound care. This course also includes instrument sterilization procedures, sterile technique, and sterile field protocols.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87589</a>	101	Lec	TTH	09:15 AM—10:05 AM	01/30/17— 05/26/17	T519	Bautista, Rosemary
	101	Lab	TTH	10:15 AM—11:35 AM	01/30/17— 05/26/17	T518	Bautista, Rosemary

[MA 023 - Medical Admin for Med Assist 3.00 Units](#)

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

Prerequisite: MA 006 and HSCI 008 and (BIOL 071 or BIOL 020 or MA 004) all with C or better

Students study the theory and practice of oral, topical, and parenteral medication administration. Students will learn injection safety, techniques, and site selection. Medication dosage calculations are emphasized as well as the handling of possible medication side effects and emergencies pertaining to medication administration.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87590</a>	101	Lec	TTH	05:30 PM—06:20 PM	01/30/17— 05/26/17	T519	Tatarski, Georgi
	101	Lab	TTH	06:30 PM—07:50 PM	01/30/17— 05/26/17	T518	Tatarski, Georgi

[MA 024 - Med Assist Clinical Experience 4.00 Units](#)

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

Prerequisite: MA 020 and MA 021 and MA 022 and MA 023; all with C or better

Students will acquire medical back office clinical 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
<a href="#">87591</a>	101	Lab			01/30/17— 05/26/17	OFC	Kahlon, Jagrup
	101	Lec	T	06:00 PM—09:05 PM	01/31/17— 01/31/17	T513	Kahlon, Jagrup
	101	Lec	T	06:00 PM—08:05 PM	03/07/17— 03/07/17	T513	Kahlon, Jagrup
	101	Lec	T	06:00 PM—08:05 PM	04/18/17— 04/18/17	T513	Kahlon, Jagrup
	101	Lec	T	06:00 PM—06:50 PM	05/16/17— 05/16/17	T513	Kahlon, Jagrup

[MA 500A - Fund of Medical Terminology I 0.00 Units](#)

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

Recommended: It is highly recommended that students successfully complete this course before taking MA 500B.

This is the first course exposing students to the language of Medicine. Students define, build, and analyze terms as well as develop a vocabulary of combining forms, prefixes, and suffixes. They develop the ability to pronounce and spell terms correctly and use to them in an appropriate context. It is highly recommended that students successfully complete this course before taking MA 500B. Unlimited repeats. Pass/No Pass only. Open entry/Open exit.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">90043</a>	101	Lec	TWTH	07:00 PM—08:50 PM	04/18/17— 05/04/17	B202	Golubev, Denis

[MA 500B - Fund of Medical Terminology II 0.00 Units](#)

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

Recommended: It is highly recommended that students successfully complete MA 500A before taking MA 500B.

This is the second course exposing students to the language of Medicine. Students will learn medical terminology as it relates to each body system. Students learn medical terms and their abbreviations for organs, diseases, symptoms, and for diagnostic, treatment and surgical procedures. It is highly recommended that students successfully complete MA 500A before taking MA 500B. Unlimited repeats. Pass/No Pass only. Open entry/Open exit.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">90044</a>	101	Lec	TWTH	07:00 PM—09:05 PM	05/16/17— 06/15/17	B202	Bautista, Rosemary

[MA 501 - Intro to Healthcare Profession 0.00 Units](#)

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

This course exposes students to various aspects of the health care field. Students will explore a variety of health-related disciplines, learn associated entry-level skills, and compare the educational and credentialing requirements, as well as job opportunities of various careers within health care. Professional behavior, effective communication, and time management skills related to health care will also be examined with emphasis on ethics and cultural competence. Unlimited repeats. Pass/No Pass only. Open Entry/Open Exit.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87696</a>	101	Lec	MW	06:30 PM—08:55 PM	01/30/17— 04/05/17	MIL-L1	Bautista, Rosemary

[MACH 101 - Intro to Machine Technology 3.00 Units](#) (Materials Fee: \$20)

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

Students will be introduced to machining, including the safe and correct use of mills, lathes, band saws, grinders, and drill presses. Students will interpret engineering drawings and solid models as well as appreciate the significance of measurement in both inch and metric systems. Student will also learn to identify metals and their significant properties. Geometry will be reviewed.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87635</a>	101	Lec	M	06:30 PM—08:20 PM	01/30/17— 05/26/17	109	McCoun, Robert
	101	Lab	W	05:30 PM—08:35 PM	01/30/17— 05/26/17	109L	McCoun, Robert

[MACH 109 - Intro to CMM 3.00 Units](#)

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

Students will study the parts and requirements of a B&S Microval Coordinate Measuring Machine (CMM). Setup, calibration, and measurement techniques will be demonstrated. Special emphasis will be placed on software differences and macro-programming for measurement routines.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87646</a>	101	Lec	S	08:00 AM—10:05 AM	01/30/17— 05/26/17	107I	Ulate, Isai
	101	Lab	S	10:15 AM—01:20 PM	01/30/17— 05/26/17	107I	Ulate, Isai

[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 will study basic set-up procedures and safe use of CNC (Computerized Numerical Controls) Machining Centers/CNC Mill. Students will be introduced to 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. They will also learn basic blueprint reading and the use of the sine bar.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87636</a>	101	Lec	S	08:00 AM—11:05 AM	01/30/17— 05/26/17	107J	Sorich, Jerome
	101	Lab	S	11:15 AM—04:30 PM	01/30/17— 05/26/17	109L	Sorich, Jerome

[MACH 123 - CNC Lathe 4.50 Units](#) (Materials Fee: \$50)

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

Students will study basic set-up procedures and the safe use of CNC (Computerized Numerical Controls) Turning Centers or CNC Lathes. Students will be introduced to the use of CNC lathe codes and control functions. Students will examine and edit programs, determine proper use of speeds and feeds to produce parts. They will inspect final product according to blueprint specifications.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87705</a>	101	Lec	TTH	05:30 PM—06:50 PM	01/30/17— 05/26/17	107I	Chu, Tom
	101	Lab	TTH	07:00 PM—09:25 PM	01/30/17— 05/26/17	107I	Chu, Tom

[MACH 126 - Adv CNC Mill and CNC Lathe 4.50 Units](#) (Materials Fee: \$50)

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

Prerequisite: MACH 120 or MACH 123, both with C or better

Students study advanced set-up procedures and the safe use of CNC (Computerized Numerical Controls) Mills and CNC Lathes. Students will study industry techniques in the set-up of CNC Mills and CNC Lathes, including work hold devices, indexing and rotary devices, and various machine operations. Students will use different measurement tools to inspect dimensions, applying more advanced concepts.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
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<a href="#">87637</a>	101	Lec	MW	05:30 PM—06:50 PM	01/30/17— 05/26/17	107J	Ulate, Isai
	101	Lab	MW	07:00 PM—09:25 PM	01/30/17— 05/26/17	109L	Ulate, Isai

[MACH 129 - CNC Programming & Operations 4.50 Units](#) (Materials Fee: \$50)

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

Prerequisite: MACH 120 or MACH 123; both with C or better

Students will learn to optimize Computer Numerical Control (CNC) programs and operations in both CNC Mills and CNC Lathes. They will study how to increase equipment utilization and avoid equipment downtime. This class introduces students to different CAD/CAM systems and their application to basic CNC programs. Students learn to create, load, correct, and save CNC programs. They will use a Coordinate Measurement Machine (CMM) to inspect parts and generate inspection reports.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87638</a>	101	Lec	TTH	05:30 PM—06:50 PM	01/30/17— 05/26/17	107J	Ulate, Isai
	101	Lab	TTH	07:00 PM—09:25 PM	01/30/17— 05/26/17	109L	Ulate, Isai

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

**Grading: 0** | **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
<a href="#">87639</a>	101	Work experience			01/30/17— 05/26/17		McCoun, Robert

[MACH 151B - Advanced Milling Machines 4.00 Units](#) (Materials Fee: \$20)

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

Prerequisite: MACH 101 with C or better

Students learn the theory and application of advanced machine tool processes, with focus on all milling machine operations. Students are instructed in the proper and safe operation of equipment and tools, advanced machine set-ups, indexing heads, rotary tables, and vertical shaping attachments. Special emphasis is placed on use of charts and reference data for calculations.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87641</a>	101	Lec	S	08:00 AM—11:05 AM	01/30/17— 05/26/17	109	McCoun, Robert
	101	Lab	S	11:15 AM—02:20 PM	01/30/17— 05/26/17	109L	McCoun, Robert

[MACH 153A - Operator/Programmer I 5.00 Units](#) (Materials Fee: \$20)

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

Prerequisite: MACH 101 or MACH 120 or MACH 123 or MACH 126 or MACH 129; all with C or better

Students are introduced to Computerized Numerical Control (CNC) milling machines. Students are instructed in machining techniques with emphasis on terminology, pre-planning skills, and basic program writing for Manual Data Input (MDI) applications. Laboratory exercises will focus on CNC controls.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87642</a>	101	Lec	MW	05:30 PM—06:50 PM	01/30/17— 05/26/17	107I	March, Christopher
	101	Lab	MW	07:00 PM—10:05 PM	01/30/17— 05/26/17	107I	March, Christopher

[MACH 153B - Operator/Programmer II 5.00 Units](#) (Materials Fee: \$20)

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

Prerequisite: MACH 153A with C or better

This course is designed to develop the skills required of a Computer Numerical Control (CNC) Programmer/Operator. Students learn pre-planning, program generation, machine set-up, machine operation, and editing requirements with emphasis placed on CNC milling. The laboratory applications primarily focus on the use of Electronic International Agency (EIA) controls.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87643</a>	101	Lec	TTH	05:30 PM—06:50 PM	01/30/17— 05/26/17	107I	Hekmatpanah, Homayoun
	101	Lab	TTH	07:00 PM—10:05 PM	01/30/17— 05/26/17	107I	Hekmatpanah,

[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
<a href="#">87293</a>	101	Lec	MTWTH	08:00 AM—09:05 AM	01/30/17— 05/26/17	S123	McCandless, Kevin
<a href="#">87294</a>	102	Lec	MW	08:00 AM—10:25 AM	01/30/17— 05/26/17	M303	Rahim, Hasan
<a href="#">87295</a>	103	Lec	TTH	08:00 AM—10:25 AM	01/30/17— 05/26/17	M204	Cochran, Graciela
<a href="#">87296</a>	104	Lec	S	09:00 AM—02:15 PM	01/30/17— 05/26/17	M106	Trieu, Phong
<a href="#">87298</a>	106	Lec	MW	09:15 AM—11:40 AM	01/30/17— 05/26/17	M302	Solano, Patricia
<a href="#">87299</a>	107	Lec	TTH	09:15 AM—11:40 AM	01/30/17— 05/26/17	M302	Solano, Patricia
<a href="#">87300</a>	108	Lec	MW	10:45 AM—01:10 PM	01/30/17— 05/26/17	M204	Cochran, Graciela
<a href="#">87301</a>	109	Lec	MW	12:30 PM—02:55 PM	01/30/17— 05/26/17	M102	Divinia, Michael
<a href="#">87302</a>	110	Lec	TTH	03:30 PM—05:55 PM	01/30/17— 05/26/17	M203	Tran, Angela
<a href="#">87303</a>	111	Lec	MW	06:15 PM—08:40 PM	01/30/17— 05/26/17	M303	Rahim, Hasan
<a href="#">87304</a>	112	Lec	TTH	06:15 PM—08:40 PM	01/30/17— 05/26/17	M203	Tran, Angela
<a href="#">87305</a>	113	Lec	TTH	06:15 PM—08:40 PM	01/30/17— 05/26/17	M302	Sioshansi, Azar
<a href="#">87306</a>	114	Online			01/30/17— 05/26/17		Ahlberg, David

This is an internet online hybrid course. The course is predominately online except for an orientation and the 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, January 30th at 6:15 to 7:15 pm in the classroom listed for the class. The final exam is on Wednesday, May 24th, at 6:15 pm to 7:30 pm 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. 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 the specific class that they have questions about.

<a href="#">87307</a>	115	Lec	MTWTH	12:15 PM—01:45 PM	02/27/17— 05/25/17	M301	Lu, Bing
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This is a late start class.

<a href="#">87734</a>	117	Lec	MW	06:15 PM—09:05 PM	02/13/17— 05/24/17	MIL-C2	Jensen, Kathy
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[MATH 014 - Geometry 3.00 Units](#)**Grading:** O | **Advisory Level** — **Read: 3** | **Write: 3** | **Math: 0**

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

Students will study logical proofs, simple constructions, and numerical calculations. The course involves the study of plane geometric figures and relationships.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87308</a>	101	Lec	MW	06:15 PM—07:35 PM	01/30/17— 05/26/17	M101	Nguyen, Tuanh

[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
<a href="#">87309</a>	101	Lec	TTH	10:45 AM—12:35 PM	01/30/17— 05/26/17	M204	Cochran, Graciela
<a href="#">87310</a>	102	Lec	MW	06:15 PM—08:05 PM	01/30/17— 05/26/17	M304	Kovaleva, Olga
<a href="#">87716</a>	103	Lec	S	09:00 AM—02:05 PM	02/11/17— 05/20/17	M101	Jain, Nanda

[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

Students will study trigonometric functions and equations, basic identities, graphing, inverse trigonometric functions, vectors, polar coordinates, and polar equations. 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 may not take a combination of MATH 022 and MATH 025..

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87311</a>	101	Lec	TTH	06:15 PM—07:35 PM	01/30/17— 05/26/17	M204	Nguyen, Tuanh

[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
<a href="#">87312</a>	101	Lec	MW	07:30 AM—10:35 AM	01/30/17— 05/26/17	M204	Cochran, Graciela
<a href="#">87313</a>	102	Lec	TTH	10:45 AM—01:50 PM	01/30/17— 05/26/17	M203	Nguyen, Viet
<a href="#">87314</a>	103	Lec	MTWTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	S123	McCandless, Kevin

This course is part of the SJCC AMP program: a cohort-based learning community seeking to increase the number of students in the fields of engineering and computer science. This program is open to all SJCC students. For more info or apply, contact Tam-Nhu.Nguyen@sjcc.edu

<a href="#">87315</a>	104	Online			01/30/17— 05/26/17		McCandless, Kevin
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Note: This is an internet hybrid class that will be taught online with on-campus exams. The course orientation is mandatory and will be held Tuesday, January 31st 6:30-8:30 pm in room M-102; enrolled students who do not complete the orientation will be dropped from the course. Additionally, students wishing to add the course must complete the orientation to receive an add code. For more information, including the course syllabus, required materials, and tentative exam schedule, please email Dr. Kevin McCandless at kevin.mccandless@sjcc.edu.

[MATH 061 - Finite Mathematics 3.00 Units](#)

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

Prerequisite: MATH 013 with C or better

Students will study how to apply algebra to solve problems in economics, the behavioral sciences, and the social sciences. Course topics include systems of linear equations and inequalities, matrices, linear programming, set theory, counting techniques, probability theory, and the mathematics of finance.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87316</a>	101	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	M203	Du, Jianbo

[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

Students study functions and graphs; limits; continuity; differentiation and integration of polynomials, rational functions, power functions, exponential functions, and logarithmic functions; partial differentiation; and applications of these topics in business and social science. This course includes single variable calculus and an introduction to multivariable calculus with applications for students majoring in business or social science.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87317</a>	101	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	M102	Divinia, Michael

[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
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<a href="#">87318</a>	101	Lec	MW	07:45 AM—09:05 AM	01/30/17— 05/26/17	M302	Nguyen, Viet
<a href="#">87319</a>	102	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	S202	Frazier, Christopher
<a href="#">87320</a>	103	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	M303	Rahim, Hasan
<a href="#">87321</a>	104	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	M106	Frazier, Christopher
<a href="#">87322</a>	105	Lec	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	M303	Rahim, Hasan
<a href="#">87323</a>	106	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	M101	McCandless, Kevin
<a href="#">87324</a>	107	Lec	MW	06:15 PM—07:35 PM	01/30/17— 05/26/17	M301	Kifer, Curtis
<a href="#">87325</a>	108	Lec	TTH	06:15 PM—07:35 PM	01/30/17— 05/26/17	M106	Kovaleva, Olga
<a href="#">87326</a>	109	Online			01/30/17— 05/26/17		Ahlberg, David

This is an internet online hybrid course. The course is predominately online except for an orientation and the 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, January 30th at 7:45 to 8:45 pm in the classroom listed for the class. The final exam is on Wednesday, May 24th at 7:45 pm to 9:00 pm in the same classroom and students must attend the final exam to complete the class. Students should not purchase a textbook until logging into Canvas to get specific instructions about the online textbook. 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 the specific class they have questions about.

<a href="#">87729</a>	114	Lec	TTH	06:15 PM—07:45 PM	02/14/17— 05/25/17	MIL-C1	Mittal, Neeti
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### [MATH 070 - Discrete Mathematics 4.00 Units](#)

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

Prerequisite: (MATH 021 and MATH 022) or MATH 25, all with C or better, or equivalent

Students prepare for further study in mathematics, computer science, or other sciences. Students will learn and apply concepts and ideas in logic, Boolean algebra, methods of proofs, induction, sequences, set theory, counting techniques, probability, recursion, relations, graphs, and trees.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87329</a>	101	Lec	MTWTH	09:15 AM—10:05 AM	01/30/17— 05/26/17	M106	Randall, Lucas

### [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
<a href="#">87331</a>	102	Lec	MW	09:15 AM—11:40 AM	01/30/17— 05/26/17	M203	Kifer, Curtis
<a href="#">87332</a>	103	Lec	TTH	12:15 PM—02:40 PM	01/30/17— 05/26/17	M201	Banks, John
<a href="#">87333</a>	104	Online			01/30/17— 05/26/17		Frazier, Christopher

This is an internet hybrid course that will be mostly taught online with 3 mandatory face-to-face exams/meetings. These take place in room M201 at 6:30 pm as follows: There is a face-to-face midterm on Wed, March 29th, a face-to-face final on Wed., May 24th, and there will be a face-to-face orientation Mon, Jan 30th or Wed, Feb 1st. There are two mandatory online midterms which must be taken between 6:30-8:30 pm on Mar 1st and May 5th. Homework requires the purchase of a WebAssign® license. The WebAssign license and accompanying text, Steward 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 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
<a href="#">87334</a>	101	Lec	MTWTH	08:00 AM—09:05 AM	01/30/17— 05/26/17	M106	Randall, Lucas
<a href="#">87335</a>	102	Lec	TTH	06:15 PM—08:40 PM	01/30/17— 05/26/17	M304	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

Students 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-valued functions; partial derivatives; the chain rule; tangent planes; maximum and minimum values of functions of several variables; the Lagrange multiplier method; multiple integrals; and vector calculus. This is the third course in calculus for students majoring in mathematics, physical science, computer science, or engineering.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87336</a>	101	Lec	TTH	12:40 PM—03:05 PM	01/30/17— 05/26/17	M102	Divinia, Michael
<a href="#">87337</a>	102	Lec	TTH	06:15 PM—08:40 PM	01/30/17— 05/26/17	M303	Kalantar, Mansour

#### [MATH 078 - Differential Equations 4.00 Units](#)

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

Prerequisite: MATH 072 with C or better

Students will study ordinary differential equations and their applications, including methods for solving first order equations, linear equations of arbitrary orders, and systems of linear differential equations. Students are introduced to Laplace transforms, series solutions, and some theoretical aspects of differential equations such as existence and uniqueness of solutions, the phase plane, and stability of equilibrium solutions for autonomous equations.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87338</a>	101	Lec	TTH	09:15 AM—11:05 AM	01/30/17— 05/26/17	M102	Divinia, Michael
<a href="#">87656</a>	102	Lec	MTWTH	06:45 AM—07:50 AM	01/30/17— 05/26/17	LND	Du, Jianbo

This class is held at Leland High School.

#### [MATH 098 - Directed Study in Math 0.50 Units](#)

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

Prerequisite: Completion of the following course(s) and project approval is required by sponsoring faculty, division dean, and Vice President of Academic Affairs, MATH 025 or MATH 063 with C or better grade

Individual or small groups of students 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 in consultation with the Division Dean 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
<a href="#">87754</a>	101				02/14/17— 05/26/17		Randall, Lucas
<a href="#">87755</a>	102				02/14/17— 05/26/17		Frazier, Christopher
<a href="#">87756</a>	103				02/14/17— 05/26/17		Cochran, Graciela
<a href="#">87757</a>	104				02/14/17— 05/26/17		McCandless, Kevin

#### [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
<a href="#">87339</a>	101	Lec	MTWTH	08:00 AM—09:05 AM	01/30/17— 05/26/17	M101	Pardo, Ralph
<a href="#">87340</a>	102	Lec	MW	08:00 AM—10:25 AM	01/30/17— 05/26/17	M301	Rios, Gabriela
<a href="#">87341</a>	103	Lec	TTH	08:00 AM—10:25 AM	01/30/17— 05/26/17	M301	Rios, Gabriela
<a href="#">87342</a>	104	Lec	TTH	09:15 AM—11:40 AM	01/30/17— 05/26/17	M201	Vanajakshi, Chandra
<a href="#">87343</a>	105	Lec	MW	09:15 AM—11:40 AM	01/30/17— 05/26/17	M201	Sioshansi, Azar
<a href="#">87344</a>	106	Lec	MW	10:45 AM—01:10 PM	01/30/17— 05/26/17	M303	Rahim, Hasan
<a href="#">87345</a>	107	Lec	TTH	12:15 PM—02:40 PM	01/30/17— 05/26/17	M302	Randall, Lucas
<a href="#">87346</a>	108	Lec	MW	12:15 PM—02:40 PM	01/30/17— 05/26/17	S203	Vanajakshi, Chandra
<a href="#">87347</a>	109	Lec	MW	03:30 PM—05:55 PM	01/30/17— 05/26/17	M203	Tran, Angela
<a href="#">87348</a>	110	Lec	MW	06:15 PM—08:40 PM	01/30/17— 05/26/17	M203	Tran, Angela
<a href="#">87349</a>	111	Lec	TTH	06:15 PM—08:40 PM	01/30/17— 05/26/17	M201	Pardo, Ralph

<a href="#">87350</a>	112	Lec	MTWTH	12:15 PM—01:45 PM	02/27/17— 05/25/17	M304	Singh, Shiva
This is a late-start course. Class starts Feb 27, 2017.							
<a href="#">87735</a>	114	Lec	TTH	06:15 PM—09:05 PM	02/14/17— 05/25/17	MIL-C4	Au, Hai Nguyen

[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
<a href="#">87351</a>	101	Lec	TTH	07:45 AM—09:05 AM	01/30/17— 05/26/17	M302	Solano, Patricia
<a href="#">87352</a>	102	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	S122	Lu, Bing
<a href="#">87353</a>	103	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	M101	Singh, Shiva
<a href="#">87354</a>	104	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	M301	Rios, Gabriela
<a href="#">87355</a>	105	Lec	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	M301	Rios, Gabriela
<a href="#">87356</a>	106	Lec	MW	12:15 PM—01:35 PM	01/30/17— 05/26/17	M302	Solano, Patricia
<a href="#">87357</a>	107	Lec	MW	03:30 PM—04:50 PM	01/30/17— 05/26/17	M304	Nadkarni, Hema
<a href="#">87358</a>	108	Lec	MW	06:15 PM—07:35 PM	01/30/17— 05/26/17	M204	Kalantar, Mansour
<a href="#">87359</a>	109	Lec	TTH	06:15 PM—07:35 PM	01/30/17— 05/26/17	M101	Trieu, Phong
<a href="#">87360</a>	110	Lec	MW	08:45 AM—10:35 AM	02/27/17— 05/24/17	S204	Nadkarni, Hema
This is a late-start course. Class begins Feb 27, 2017.							
<a href="#">87733</a>	112	Lec	MW	06:15 PM—07:50 PM	02/13/17— 05/24/17	MIL-C4	Mittal, Neeti

[MATH 521 - Math for Medical Assisting 0.00 Units](#)

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

Students solve problems and do calculations encountered in the Medical Assisting field. Basic math concepts are applied to problems such as conversion within the Metric system and conversion between Decimal and Metric systems.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87695</a>	101	Lec	MW	06:30 PM—09:00 PM	04/17/17— 05/17/17	MIL-L1	Nguyen, Vinh Kha

This class is held at the Milpitas Extension location. This class is a non-credit class.

[MCUT 002 - Meat Cutting II 3.00 Units](#)

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

Corequisite: Student must be employed as a meat cutter apprentice with a participating employer.

This is the second of two Meat Cutter Apprenticeship courses leading to Journeyman status. Students must be enrolled in the Santa Clara County Meat Cutter Apprenticeship to enroll. Students learn safety and sanitation related to meat cutting as well as classification, identification, handling, and curing of meats.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87663</a>	101	Lec	M	06:00 PM—08:50 PM	01/09/17— 05/22/17	B203	

[MUSIC 083 - Exploring the World of Music 3.00 Units](#)

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

Students will be introduced to the elements of music from a cross-cultural perspective. Religious, cultural societal, and political influences from various geographical locations will be explored.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87091</a>	101	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	A112	Andrade, Kenneth

[MUSIC 095 - Music Appreciation: Jazz 3.00 Units](#)

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

The student who has little or no previous experience in musical performance or listening to the traditions of jazz music will study the musical elements of jazz and appraise the development of the jazz art form as a product of culture. They will also study how to aurally distinguish the elements of jazz music, and trace the evolution of styles and structures of jazz from its inception to the present time.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87092</a>	101	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	A112	Andrade, Kenneth

[MUSIC 099 - Introductory Music 3.00 Units](#)

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

Students study the "language" of music - how to read, notate, interpret, perform, and create with those symbols which represent the four properties of sound: pitch, duration, amplitude, and timbre. This includes the study of the fundamentals of Western notated music and how these elements combine to create musical compositions: pitch identification, rhythm and meter, scales, key signatures, intervals, chord construction, harmonic progression and texture. Students will analyze musical styles relevant to various cultures and historical periods.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87093</a>	101	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	A117	Behroozi, Bahram

[OCEAN 010 - Oceanography 3.00 Units](#)

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

Students will study the ocean environment covering the geological, physical, chemical, and biological aspects of the sea. The course will explore the relationship of these processes to each other and to overarching oceanographic concepts, such as plate tectonics, ocean circulation, and the water cycle. A major focus will include the impact these processes have on civilization. The scientific method is illustrated as it relates to analyzing oceanographic problems.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87361</a>	101	Lec	MW	04:45 PM—06:05 PM	01/30/17— 05/26/17	S213	Christen, Oliver

[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
<a href="#">87098</a>	101	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	B201	Grudzen, Gerald
<a href="#">87099</a>	102	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	B209	Mok, Chaufong
<a href="#">87100</a>	103	Lec	W	06:15 PM—09:20 PM	01/30/17— 05/26/17	B201	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 and critical thinking. 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. 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
<a href="#">87101</a>	101	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	GE121	Mok, Chaufong
<a href="#">87102</a>	102	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	GE121	Mok, Chaufong
<a href="#">87103</a>	103	Lec	T	06:15 PM—09:20 PM	01/30/17— 05/26/17	GE121	Grudzen, Gerald

[PHOTO 022 - Beginning Photography 3.00 Units](#) (Materials Fee: \$25)

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

Students learn the fundamentals of camera use and darkroom technique. The fundamentals of design and composition are explored through various assignments. Students will examine the relationship between photography and other art forms, photography as a social documentary tool, and photography as an art form and vocational skill. Digital photography will be introduced. Students must provide their own 35mm camera. Field trips to museums and galleries may be included.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87104</a>	101	Lec	MW	10:45 AM—11:35 AM	01/30/17— 05/26/17	T310	MacGowan, Ciaran
	101	Lec	MW	10:45 AM—11:35 AM	01/30/17— 05/26/17	T310	Cathey-Adams, Brittney
	101	Lab	MW	11:45 AM—01:35 PM	01/30/17— 05/26/17	T310	MacGowan, Ciaran
	101	Lab	MW	11:45 AM—01:35 PM	01/30/17— 05/26/17	T310	Cathey-Adams, Brittney
<a href="#">87105</a>	102	Lec	F	10:30 AM—12:20 PM	01/30/17— 05/26/17	T310	Garland, Terri

102 Lab F 12:30 PM—04:35 PM 01/30/17— 05/26/17 T310 Garland, Terri

[PHOTO 062 - Intermediate Photography 3.00 Units](#) (Materials Fee: \$25)

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

Prerequisite: PHOTO 022 with C or better

Students learn the intermediate practice and theory of photography. Topics include black-and-white photography skills, color theory and vision, flash, lighting, digital imaging, and the history of photography. Students will examine issues within photography, ways to conceptualize the finished image, and how photography is used in print and electronic media. Students must provide their own 35mm camera. Field trips to museums and galleries may be included.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87106</a>	101	Lec	F	10:30 AM—12:20 PM	01/30/17— 05/26/17	T310	Garland, Terri
	101	Lab	F	12:30 PM—04:35 PM	01/30/17— 05/26/17	T310	Garland, Terri

[PHOTO 076 - Photoshop 1 3.00 Units](#) (Materials Fee: \$25)

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

This is a comprehensive overview of Photoshop basics. Students will study a broad range of topics including selection techniques, channel operations, collaging with layer masks, retouching, tonal range, and color theory, 8-bit grayscale, 24-bit color, colorizing black and white, photo manipulation, artistic effects, design, layout, and type. This course will also provide students with extensive 'hands-on' training.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87107</a>	101	Lec	TTH	10:45 AM—11:35 AM	01/30/17— 05/26/17	T303	Sempek, Colby
	101	Lec	TTH	10:45 AM—11:35 AM	01/30/17— 05/26/17	T303	MacGowan, Ciaran
	101	Lab	TTH	11:45 AM—01:35 PM	01/30/17— 05/26/17	T303	Sempek, Colby
	101	Lab	TTH	11:45 AM—01:35 PM	01/30/17— 05/26/17	T303	MacGowan, Ciaran

[PHOTO 079 - Beginning Digital Photography 3.00 Units](#) (Materials Fee: \$25)

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

Recommended: PHOTO 076

This is a beginner's course in Digital Photography. Students will learn to use DSLR (digital single lens reflex) cameras professionally using both manual and advanced program modes, such as light, lens, shutter, exposure, depth, motion, and color balance. Students will study post-production principles such as tonal range, color correction, dodging and burning, layer masking, print, and multi-device output. Software used are Photoshop, Lightroom, Aperture, and iPhoto. Class activities require weekly shooting assignments, thorough organization, advanced image editing, and on-going print preparation (including wide format).

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87108</a>	101	Lec	MW	02:30 PM—03:20 PM	01/30/17— 05/26/17	T303	Cathey-Adams, Brittney
	101	Lec	MW	02:30 PM—03:20 PM	01/30/17— 05/26/17	T303	MacGowan, Ciaran
	101	Lab	MW	03:30 PM—05:20 PM	01/30/17— 05/26/17	T303	Cathey-Adams, Brittney
	101	Lab	MW	03:30 PM—05:20 PM	01/30/17— 05/26/17	T303	MacGowan, Ciaran

[PHOTO 098 - Directed Study 9.00V Units](#)

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

Individual or small groups of students 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 in consultation with the Division Dean 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
<a href="#">87109</a>	101				01/30/17— 05/26/17		MacGowan, Ciaran
<a href="#">87110</a>	102				01/30/17— 05/26/17		Garland, Terri

[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
<a href="#">87362</a>	101	Lec	MW	12:30 PM—01:50 PM	01/30/17— 05/26/17	S202	Chaharsough-Shirazi, Atousa
	101	Lab	M	02:00 PM—05:05 PM	01/30/17— 05/26/17	S206	Chaharsough-Shirazi, Atousa
<a href="#">87363</a>	102	Lec	MW	12:30 PM—01:50 PM	01/30/17— 05/26/17	S202	Chaharsough-Shirazi, Atousa
	102	Lab	W	02:00 PM—05:05 PM	01/30/17— 05/26/17	S206	Chaharsough-Shirazi, Atousa

#### [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
<a href="#">87364</a>	101	Lec	T	10:45 AM—01:50 PM	01/30/17— 05/26/17	S207	Sandler, Moisey
	101	Lab	TH	10:45 AM—01:50 PM	01/30/17— 05/26/17	S207	Sandler, Moisey
<a href="#">87365</a>	102	Lec	T	06:15 PM—09:20 PM	01/30/17— 05/26/17	S207	Castilla, Guillermo
	102	Lab	TH	06:15 PM—09:20 PM	01/30/17— 05/26/17	S207	Castilla, Guillermo

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

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

Prerequisite: MATH 072 with C or better or equivalent

Corequisite: MATH 072 with C or better

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
<a href="#">87366</a>	101	Lec	TTH	09:15 AM—11:05 AM	01/30/17— 05/26/17	S206	Castilla, Guillermo
	101	Lab	TTH	11:15 AM—12:35 PM	01/30/17— 05/26/17	S206	Castilla, Guillermo

#### [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
<a href="#">87368</a>	101	Lec	MW	06:45 PM—08:35 PM	01/30/17— 05/26/17	S202	Khadka, Dhan
	101	Lab	MW	08:45 PM—10:05 PM	01/30/17— 05/26/17	S207	Khadka, Dhan
<a href="#">87369</a>	102	Lec	MW	06:45 PM—08:35 PM	01/30/17— 05/26/17	S202	Khadka, Dhan
	102	Lab	MW	05:15 PM—06:35 PM	01/30/17— 05/26/17	S207	Khadka, Dhan
<a href="#">87600</a>	103	Lec	TTH	10:15 AM—12:05 PM	01/30/17— 05/26/17	S203	Adham, Nargis
	103	Lab	TTH	08:45 AM—10:05 AM	01/30/17— 05/26/17	S207	Adham, Nargis

#### [PHYS 004C - 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

Students are introduced to general principles of optics and thermodynamics at a calculus-based level. This is one of four courses in calculus-based general physics, serving students majoring in engineering, chemistry, physics, mathematics and other sciences. Several technological applications of these principles are discussed. Topics include waves, geometric optics, wave optics (including interference, diffraction, and polarization), heat, thermal properties of matter, thermodynamics and its laws. Other

topics include special relativity and modern physics. A problem solving approach is used, emphasizing both conceptual understanding and basic mathematical modeling.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87370</a>	101	Lec	MW	11:15 AM—01:05 PM	01/30/17— 05/26/17	S207	Le, Myphuong
	101	Lab	MW	01:15 PM—02:35 PM	01/30/17— 05/26/17	S207	Le, Myphuong

#### [PHYS 098 - Directed Study 0.50 Units](#)

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

Prerequisite: Completion of the following course(s) and project approval is required by sponsoring faculty, division dean, and Vice President of Academic Affairs.; PHYS 002A with C or better

Individual or small groups of students 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 in consultation with the Division Dean 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
<a href="#">87759</a>	101				02/14/17— 05/26/17		Castilla, Guillermo

#### [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
<a href="#">87086</a>	101	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	B208	Noori, Azatullah
<a href="#">87087</a>	102	Lec	MW	01:45 PM—03:05 PM	01/30/17— 05/26/17	GE207	Yancey, David
<a href="#">87088</a>	103	Lec	TH	06:15 PM—09:20 PM	01/30/17— 05/26/17	GE207	Noori, Azatullah
<a href="#">87089</a>	104	Online			01/30/17— 05/26/17		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
<a href="#">87111</a>	101	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	B102	Cohen, Harvey
<a href="#">87112</a>	102	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	B102	Levy, Lorraine
<a href="#">87113</a>	103	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	B208	Sanchez, Laura
<a href="#">87114</a>	104	Lec	W	06:15 PM—09:20 PM	01/30/17— 05/26/17	B102	Jackler, Frances
<a href="#">87115</a>	105	Online			01/30/17— 03/24/17		Conroy, Mary
							This is an online class.
<a href="#">87116</a>	106	Online			03/27/17— 05/26/17		Gutierrez, Suzanne
							This is an online class.
<a href="#">87420</a>	109	Lec	MW	12:15 PM—02:05 PM	02/21/17— 05/25/17	GE123	Jackler, Frances
<a href="#">87731</a>	111	Lec	MW	06:15 PM—07:50 PM	02/13/17— 05/24/17	MIL-L2	Levy, Lorraine
<a href="#">89097</a>	112	Online			03/27/17— 05/26/17		Gutierrez, Suzanne

This is an online class.

#### [PSYCH 012 - Social Psychology 3.00 Units](#)

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

Recommended: PSYCH 010

This course introduces students to the study of how people think about, influence, and relate to one another. Topics include self concept, misperception, beliefs, attitudes, conformity, prejudice, liking, attitude change, first impressions, aggression, conflict,

peacemaking, and service to others.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87117</a>	101	Lec	TTH	01:45 PM—03:05 PM	01/30/17— 05/26/17	B102	Fortino, Frank

[PSYCH 020 - Psychology of Stress Reduction 3.00 Units](#)

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

Recommended: completion of PSYCH 010

Students are presented a comprehensive approach to stress and stress reduction from a psychological perspective. A psychophysiological model of stress will be presented and analyzed. A variety of evidenced-based stress reduction methods will be taught in the contexts of student and work life settings.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87118</a>	101	Lec	MW	01:45 PM—03:05 PM	01/30/17— 05/26/17	GE121	Fortino, Frank

[PSYCH 022 - Research Methods in Psych 3.00 Units](#)

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

Prerequisite: PSYCH 010 and MATH 063, both with C or better

Students will study various research methods with an emphasis on research design, experimental procedures, instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology will be illustrated through a selected review of current research in neurophysiology, sensation, perception, learning, memory and/or human development.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87119</a>	101	Online			01/30/17— 05/26/17		Schellenberger, Tony

This is an online class.

<a href="#">87713</a>	102	Online			01/30/17— 05/26/17		Schellenberger, Tony
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This is an online class.

[PSYCH 031 - Biological Psychology 3.00 Units](#)

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

Prerequisite: PSYCH 010 with C or better

Students are introduced to the scientific study of the biological basis of behavior and its fundamental role in the neurosciences. Physiological, hormonal, and neurochemical mechanisms, and brain-behavior relationships underlying the psychological phenomena of sensation, perception, regulatory processes, emotion, learning, memory, and psychological disorders will be addressed. Ethical standards for human and animal research are discussed. The history of the scientific study of brain-behavior relationships and mental processes will also be addressed.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87120</a>	101	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	B102	Jackler, Frances

[PSYCH 035 - Psychology of Women 3.00 Units](#)

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

Students will study significant physical and psychological issues of women within an historical, familial, societal, and cultural framework. A variety of experiences and issues that uniquely concern women, which are traditionally examined from a male point of view, will be explored. The concepts of development, adaptation, well-being, and the diversity of women will be included using psychological theories and current research.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87121</a>	101	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	GE223	Gutierrez, Suzanne
<a href="#">87122</a>	102	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	GE223	Gutierrez, Suzanne
<a href="#">87123</a>	103	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	GE125	Asai, Toshio

[PSYCH 060 - Personal Growth and Adjustment 3.00 Units](#)

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

This course is a study of psychological processes through which people manage to cope with the demands and challenges of everyday life. Students examine a broad variety of topics including personality patterns, values, social and intimate relationships, adjustments to development through the life span and psychological/physical wellness as they influence and are affected by adjustment. Students analyze effective and ineffective personal growth and adjustment in the context of contemporary and complex society.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87124</a>	101	Lec	M	06:15 PM—09:20 PM	01/30/17— 05/26/17	B102	Cohen, Harvey

[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
<a href="#">87125</a>	101	Lec	MW	10:45 AM—12:05 PM	01/30/17— 05/26/17	B102	Semone, Anne
<a href="#">87126</a>	102	Online			01/30/17— 03/24/17		Conroy, Mary
This is an online class.							
<a href="#">87127</a>	103	Online			03/27/17— 05/26/17		Schellenberger, Tony
This is an online class.							

[PSYCH 098 - Directed Study 1.50 Units](#)

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

Individual or small groups of students 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 in consultation with the Division Dean 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
<a href="#">87719</a>	101				01/30/17— 05/26/17		Cook, Mary

[PSYCH 099 - Abnormal Psychology 3.00 Units](#)

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

Recommended: Completion of PSYCH 010

Students study the application of psychological principles to the diagnosis, understanding, and treatment of abnormal patterns of behavior. Students also study the synthesis of both the practical and theoretic aspects of pathologic behavior, diagnostic techniques, and systems of remediation.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87128</a>	101	Lec	MW	09:15 AM—10:35 AM	01/30/17— 05/26/17	B209	Semone, Anne

[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
<a href="#">87129</a>	101	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	B209	Gutierrez, Suzanne
<a href="#">87130</a>	102	Online			01/30/17— 03/24/17		Gutierrez, Suzanne
This is an online class.							
<a href="#">87131</a>	103	Online			03/27/17— 05/26/17		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
<a href="#">86390</a>	101	Online	M	10:15 AM—12:05 PM	01/30/17— 05/26/17	B206	Vasquez, Lisa

This is a hybrid class. This class meets one day in the classroom and one day online. The first day of class is Monday, January 30, 2017

<a href="#">86391</a>	102	Lec	TTH	10:15 AM—12:05 PM	01/30/17— 05/26/17	B206	Vasquez, Lisa
<a href="#">86392</a>	103	Lec	MW	12:15 PM—02:05 PM	01/30/17— 05/26/17	B206	Vasquez, Lisa
<a href="#">86393</a>	104	Online	TH	09:15 AM—11:50 AM	03/02/17— 05/26/17	B203	Cruz-Johnson, Celia

This is a late-start hybrid class that is part of a learning community. Each class meets one day in the classroom and one day online. The first day of class is Thursday, March 2, 2017

<a href="#">86394</a>	105	Lec	TTH	06:15 PM—08:50 PM	02/28/17— 05/26/17	B206	Vasquez, Lisa
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This is a late-start class that begins on Tuesday February 28, 2017

#### [READ 301 - Essentials of Reading 4.00 Units](#)

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

Prerequisite: 3 units of (ENGL 321 or ENGL 341) or 6 units of READ 350 or (ESL 312 and ESL 313); 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 typical of those found in college courses. Students acquire reading comprehension and vocabulary development skills and are introduced to critical reading and research.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86395</a>	101	Lec	MW	10:45 AM—12:35 PM	01/30/17— 05/26/17	B203	Berke, Michael
<a href="#">86396</a>	102	Online	T	09:15 AM—11:50 AM	02/28/17— 05/26/17	B203	Cruz-Johnson, Celia

This is a late-start hybrid class. This class meets one day in the classroom and one day online The first day of class is Tuesday, Feb 28, 2017

<a href="#">86397</a>	103	Lec	TTH	12:15 PM—02:05 PM	01/30/17— 05/26/17	B206	Vasquez, Lisa
<a href="#">86427</a>	104	Lec	TTH	06:15 PM—08:05 PM	01/30/17— 05/26/17	B203	Vladimirov, Teri

#### [READ 350 - Practical Reading 6.00 Units](#)

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

Students will develop practical reading, writing, and study skills needed for success in college. Emphasis will be on identifying main ideas of readings, improving comprehension, increasing vocabulary, and building basic computer skills. Students will read a range of materials, including magazines and newspapers, online materials, and fiction.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86438</a>	101	Lec	MW	09:00 AM—12:05 PM	01/30/17— 05/26/17	GE117	McGuire, Betty
<a href="#">86440</a>	102	Lec	TTH	12:15 PM—03:20 PM	01/30/17— 05/26/17	B203	Faravashi, Sorena

#### [REST 122 - Principles of Real Estate 3.00 Units](#)

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

Students will explore the fundamental elements of real estate including real property characteristics, ownership, legal aspects, and the business of real estate. Class discussions will include a closer examination of the appropriate methods of co-ownership, the relationship between a broker and his salesperson, California real estate licensing laws, and real estate contracts. Students will solve various problems dealing with the business of real estate. This is a required course for the California Real Estate Salesperson license, an elective for the California Real Estate Broker license, and prepares students to take the state licensing exams.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87439</a>	101	Online			01/30/17— 05/26/17		Votaw, Jesse

This is an online hybrid class. Part of the class will be online and part will be on campus. Mandatory orientation is Tuesday, Jan 31, 2017 at 6:00 pm in room T424.

#### [REST 123 - Real Estate Appraisal 3.00 Units](#)

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

Recommended: REST 122 Principles of Real Estate

Students will learn the fundamental principles and procedures in appraising real property. They will examine and apply highest and best use analysis, the cost, sales comparison, and income approaches to value, and reconciliation of value indicators to valuation problems involving different property types with a primary focus on residential property. This is a required course for the California Real Estate Broker license and an elective for the California Real Estate Salesperson license.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87612</a>	101	Lec	M	06:00 PM—09:05 PM	01/30/17— 05/26/17	T424	Cadieux, Brian

### [REST 125 - Real Estate Practice 3.00 Units](#)

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

Recommended: It is highly recommended that students complete REST-122 Principles of Real Estate either prior to or concurrently with REST 125 - Real Estate Practice.

Students will study the operational aspects of agents engaged in the real estate business. Topics include, getting started in the business with respect to broker business models, regulatory requirements, and legal issues. Students will explore the various duties of an agent with emphasis on dual agency relationships. Students examine the marketing and sales cycle, transaction fulfillment process including listing, valuing, and marketing properties. This course also covers due diligence, contract negotiations, and the escrow process through closing. Tax issues, property management and leasing will also be covered. This is a required course for both the California Real Estate Salesperson and Real Estate Broker licenses.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87440</a>	101	Online			01/30/17— 05/26/17		Votaw, Jesse

This is an online hybrid class. Mandatory orientation meeting is Tuesday, Jan 31, 2017 at 6:00 pm in room T424.

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

**Grading:** L | **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 in class and through attendance at Deaf cultural events. This course corresponds to two years of high school study.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86963</a>	101	Lec	TTH	09:15 AM—10:35 AM	01/30/17— 05/26/17	GE209C	Blair, Rufus
<a href="#">86964</a>	102	Lec	TTH	12:15 PM—01:35 PM	01/30/17— 05/26/17	GE209C	Blair, Rufus
<a href="#">86965</a>	103	Lec	T	06:15 PM—09:20 PM	01/30/17— 05/26/17	GE209C	Blair, Rufus

### [SL 001B - ASL 2 3.00 Units](#)

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

Prerequisite: SL 001A with C or better

Students will continue the development of expressive and receptive skills in American Sign Language (ASL). Students will acquire vocabulary and grammar knowledge to achieve intermediate proficiency in the classroom and through attendance at Deaf cultural events. Students will study aspects of Deaf culture and Deaf history.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86967</a>	102	Lec	TH	06:15 PM—09:20 PM	01/30/17— 05/26/17	GE209C	Blair, Rufus
<a href="#">86968</a>	103	Lec	TTH	03:00 PM—04:25 PM	01/30/17— 05/26/17	LND	Love, Celeste

### [SL 015 - Deaf Culture 3.00 Units](#)

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

Students study the American Deaf community and the relationship of its language, American Sign Language, to its culture. The material will be presented through a psychosocial approach emphasizing past, recent, and evolving dynamics of deaf peoples' language, arts, folklore, heritage, education, family and community structure, employment and values in home and society. Students also study the deaf culture in relation to other cultures in America. Attendance at a Deaf event will be required.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">86969</a>	101	Lec	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	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
<a href="#">87057</a>	101	Lec	TTH	01:45 PM—03:05 PM	01/30/17— 05/26/17	B209	Nuphaus, Maria
<a href="#">87058</a>	102	Lec	M	06:15 PM—09:20 PM	01/30/17— 05/26/17	B201	Nuphaus, Maria
<a href="#">87059</a>	103	Online			01/30/17— 05/26/17		White, Khalid

This is an online class.

<a href="#">87742</a>	105	Online			03/27/17— 05/26/17		White, Khalid
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This is a late start online class. First day of class is March 27, 2017

### [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
<a href="#">87060</a>	101	Lec	TTH	10:45 AM—12:05 PM	01/30/17— 05/26/17	B204	Coker, William
<a href="#">87061</a>	102	Online			01/30/17— 05/26/17		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:**

This is the first of two courses designed to develop basic ability to understand, speak, read, and write the Spanish language. Students will acquire vocabulary and grammar knowledge to achieve novice-level proficiency in Spanish language skills. Students also will study cultural aspects of Latin America and Spain. This course corresponds to two years of high school study and is not recommended for native speakers of Spanish.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87565</a>	101	Lec	MW	09:15 AM—11:40 AM	01/30/17— 05/26/17	GE221	Gamez, Rebecca
<a href="#">87566</a>	102	Lec	TTH	09:15 AM—11:40 AM	01/30/17— 05/26/17	GE221	Gamez, Rebecca
<a href="#">87567</a>	103	Lec	MW	12:15 PM—02:40 PM	01/30/17— 05/26/17	GE221	Mancilla, Jeffrey
<a href="#">87569</a>	105	Lec	MW	06:15 PM—08:40 PM	01/30/17— 05/26/17	GE205	Mancilla, Jeffrey
<a href="#">87675</a>	106	Lec	MW	03:00 PM—05:20 PM	01/09/17— 05/17/17	OFC	Garcia, Silvia

This class is held at Apollo High School: 1835 Cunningham Ave., San Jose, CA 95122. The first day of class is January 9, 2017

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

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

Prerequisite: SPAN 001A with C or better

This is the second of two courses designed to develop basic ability to understand, speak, read, and write the Spanish language. Students will acquire vocabulary and grammar knowledge to achieve mid to advanced-novice-level proficiency in Spanish language skills. Students also will study cultural aspects of Latin America and Spain.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87570</a>	101	Lec	TTH	12:15 PM—02:40 PM	01/30/17— 05/26/17	GE221	Gamez, Rebecca

### [SPAN 091A - Conversational Spanish 3.00 Units](#)

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

Students develop communicative skills through vocabulary acquisition, listening comprehension, pronunciation, and basic grammar. Students will acquire the ability to use colloquial Spanish in everyday situations at a novice level and become acquainted with some cultural aspects of Spanish-speaking communities around the world.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87571</a>	101	Lec	M	06:15 PM—09:20 PM	01/30/17— 05/26/17	GE221	Gamez, Rebecca

### [SPAN 091B - Conversational Spanish 3.00 Units](#)

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

Prerequisite: SPAN 091A, with C or better

Students continue to develop communicative skills through practice with vocabulary acquisition, listening comprehension, pronunciation, and basic grammar. Students work towards competency in the use of colloquial Spanish in everyday situations. They will advance their knowledge of cultural aspects of Spanish-speaking communities around the world.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87572</a>	101	Lec	M	06:15 PM—09:20 PM	01/30/17— 05/26/17	GE221	Gamez, Rebecca

### [THEAT 002 - Beginning Acting 3.00 Units](#)

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

Students will apply basic acting theory and techniques to in-class performances and develop skills of interpretation of drama, using script analysis and characterization. Special attention is paid to skills for performance: memorization, stage movement, vocal production, and improvisation.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87132</a>	101	Lec	TTH	12:55 PM—01:45 PM	01/30/17— 05/26/17	D101	Modirzadeh, Leyla
	101	Lab	TTH	01:55 PM—03:15 PM	01/30/17— 05/26/17	D101	Modirzadeh, Leyla

[THEAT 003 - Intermediate Acting 3.00 Units](#)

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

Prerequisite: THEAT 002 with C or better

Students apply basic acting techniques to intermediate character study and scene work in classical and modern styles. Students will expand their understanding of the acting process through in-class performances, monologues, and scenes.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87133</a>	101	Lec	TTH	12:55 PM—01:45 PM	01/30/17— 05/26/17	D101	Modirzadeh, Leyla
	101	Lab	TTH	01:55 PM—03:15 PM	01/30/17— 05/26/17	D101	Modirzadeh, Leyla

[THEAT 040 - Introduction to Film 3.00 Units](#)

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

Students will be introduced to film and electronic media through viewing and analysis of cinema and video productions from a variety of cultures. The work of filmmakers and videographers is examined including screenwriting, cinematography, editing, visual and sound design, acting, and directing.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87134</a>	101	Lec	F	09:00 AM—11:25 AM	01/30/17— 05/26/17	A112	Feldman, Eric
	101	Lab	F	11:35 AM—12:55 PM	01/30/17— 05/26/17	A112	Feldman, Eric
<a href="#">87135</a>	102	Lec	T	06:00 PM—08:25 PM	01/30/17— 05/26/17	A112	Feldman, Eric
	102	Lab	T	08:35 PM—09:55 PM	01/30/17— 05/26/17	A112	Feldman, Eric

[WE 088A - General Work Experience 6.00V Units](#)

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

Corequisite: 1. Need not be enrolled in any other class during the semester besides Work Experience. 2. Must 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. Each un

General Work Experience Education is supervised employment which is intended to assist students in acquiring desirable work habits, attitudes and career awareness. The work experience need not be related to the students' educational goals, and can be paid or unpaid. Each unit of credit awarded requires 75 hours of paid employment, or 60 hours of unpaid employment. A maximum of 6 units of General Work Experience credit may be earned. Internship/job placement is not guaranteed.

Reg ID	Sec	Type	Days	Time	Date	Room	Instructor
<a href="#">87437</a>	101	Work experience			01/30/17— 05/26/17	206	Castaneda, Susie
<a href="#">87438</a>	102	Work experience			01/30/17— 05/26/17	206	Space, Patricia