

Sacramento City College

Catalog Addendum Curriculum Updates effective Spring 2011

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Organization of Instructional Areas

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Science and Allied Health Division
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**ADVANCED PLACEMENT (AP) CREDITS
2009-11**

Students at Sacramento City College may be awarded units of credit for each Advanced Placement examination (CEEB) they pass with a score of 3, 4, or 5. Students will receive units/credits but not letter grades for these courses, and they will not be used in the computation of cumulative grade point average for graduation or transfer. After successful completion of 12 units at SCC, a student in good standing may submit their official CEEB Advanced Placement Test scores to the Admissions and Records Office for evaluation. Credit may not be earned for courses in which Advanced Placement credits have already been granted.

The following chart shows credit given at SCC to satisfy general education requirements and SCC equivalent courses. For transferring students, AP examination information is listed as it applies to meeting CSU General Education-Breadth or IGETC requirements. Students should check with their transfer institution about policies for using AP scores for admissions and/or their major. Students who have earned credit from an AP exam should NOT take a comparable college course because transfer credit will not be granted for both.

AP TEST SUBJECTS	SCC Courses Only			General Education (AP Scores of 3, 4, or 5)				
	SCORE	Course	Units	SCC GE Area 3 units	CSU GE-BREADTH		IGETC	
					Area	Units	Area	Units
Art History	3, 4, 5	ARTH 302, 304, 306, 308, 310	6 max.	I	C1 or C2	3	3A or 3B	3
Art Studio: Drawing	3, 4, 5	ART 300	3	I	N/A	0	N/A	0
Art Studio: 2D Design	3, 4, 5	ART 320	3	I	N/A	0	N/A	0
Art Studio: 3D Design	3, 4, 5	ART 370	3	N/A	N/A	0	N/A	0
Biology	3 4, 5	BIOL 402 BIOL 412 or 422	5 5	IV	B2 and B3	4	5B with lab	4
Calculus AB	3, 4, 5	MATH 400	5	II (b)	B4	3	2A	3
Calculus BC	3, 4, 5	MATH 400 & 401	10	II (b)	B4	3	2A	3
Chemistry	3 4, 5	CHEM 305 CHEM 400	5 5	IV	B1 and B3	4	5A with lab	4
Chinese Language & Culture	3, 4, 5	N/A	0	I	C2	3	3B and 6A	3
Computer Science A	3, 4, 5	CISP 360	4	II (b)	N/A	0	N/A	0
Computer Science AB	3, 4, 5	CISP 400	4	II (b)	N/A	0	N/A	0
Economics: Macroeconomics	3, 4, 5	ECON 302	3	V (b)	D2	3	4B	3
Economics: Microeconomics	3, 4, 5	ECON 304	3	V (b)	D2	3	4B	3
English Language Composition	3, 4, 5	ENGWR 300	3	II (a)	A2	3	1A	3
English Literature & Composition	3, 4, 5	ENGWR 300 & 301	6	II (a)	A2 and C2	6	1A or 3B	3
Environmental Science (exam taken after F09)	3, 4, 5	BIOL 350	3	IV	B1 and B3	4	5A with lab	3
Environmental Science (exam taken F09 or earlier)	3, 4, 5	BIOL 350	3	IV	B1 and B3 or B2 and B3	4	5A with lab	3
French Language	3, 4, 5	FREN 401 & 402	8	I	C2	3	3B and 6A	3
French Literature	3, 4, 5	N/A	0	N/A	C2	3	3B and 6A	3
					removed F09		6A	
German Language	3, 4, 5	GERM 401 & 402	8	I	C2	3	3B and 6A	3
Government & Politics: Comparative	3, 4, 5	N/A	0	N/A	D8	3	4H	3
Government & Politics: United States	3, 4, 5	POLS 301	3	V (a)	D8 and US-2	3	4H	3
History: European	3, 4, 5	HIST 300	3	I or V (b)	C2 or D6	3	3B or 4F	3
History: United States	3, 4, 5	HIST 310 & 311	6	V (a)	C2 or D6 and US-1	3	3B or 4F	3
History: World	3, 4, 5	HIST 307 & 308	6	V (b)	C2 or D6	3	3B or 4F	3
Human Geography	3, 4, 5	GEOG 310	3	V (b)	D5	3	4E	3
Italian Language and Culture	3, 4, 5	N/A	0	I	C2	3	3B and 6A	3
					remove F10		6A	

AP TEST SUBJECTS	SCC Courses Only			General Education (AP Scores of 3, 4, or 5)				
	SCORE	Course	Units	SCC GE Area 3 units	CSU GE-BREADTH		IGETC	
					Area	Units	Area	Units
Japanese Language & Culture	3, 4, 5	N/A	0	I	C2	3	3B and 6A	3
Latin Literature	3, 4, 5	N/A	0	N/A	C2	3	3B and 6A	3
Latin: Vergil	3, 4, 5	N/A	0	N/A	C2	3	3B and 6A	3
Music Theory	3, 4, 5	MUFHL 400 & 401	6	I	C1	3	N/A	0
Physics B	3, 4, 5	PHYS 310	3	IV	B1 and B3	4	5A with lab	4
Physics C: Electricity & Magnetism	3, 4, 5	PHYS 420	5	IV	B1 and B3	4	5A with lab	3
Physics C: Mechanics	3, 4, 5	PHYS 410	5	IV	B1 and B3	4	5A with lab	3
Psychology	3, 4, 5	PSYC 300	3	V (b)	D9	3	4I	3
Spanish Language	3, 4, 5	SPAN 401 & 402	8	I	C2	3	3B and 6A	3
Spanish Literature	3, 4, 5	N/A	0	N/A	C2	3	3B and 6A	3
Statistics	3, 4, 5	STAT 300	4	II (b)	B4	3	2A	3

New UC Transferable Courses (effective Summer/Fall 2010)

Art History:

ARTH 488, Modern Art – Honors, 3 Units

Biology:

BIOL 332, Introduction to Ornithology, 3 Units

BIOL 434, Pathology: The Study of Disease, 3 Units

Geography:

GEOG 305, Global Climate Change, 3 Units

Nutrition:

NUTRI 322, Nutrition Issues Throughout Life, 3 Units

Physical Education, Health and Athletics:

PET 453, Training and Conditioning of Sports, 2 Units

Psychology:

PSYC 352, Psychology of Peace and Conflict, 3 Units

PSYC 364, Psychology of Sexual Orientation, 3 Units

Sign Language Studies:

SILA 331, Deafhood Seminar 1, 3 Units

Course Revisions

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GCOM 361 Beginning Creative Web Design 3 Units

Prerequisite: GCOM 360 with a grade of "C" or better.

Course Transferable to CSU

Hours: 36 hours lecture, 54 hours laboratory

Description: In this course, students will explore a range of approaches in designing for the World Wide Web, while introducing students to an industry-standard Web authoring tool. Through a series of incremental assignments, students will explore fundamental Web design concepts within a non-static, non-linear environment, culminating in the development of a live and functioning website. Additionally, this course provides an overview of standards-compliant HTML/CSS, techniques for adding interactivity, accessibility, and support in preparing graphics for Web use and for prototyping site designs.

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PHOTO 390 Studio Lighting Techniques 3-4 Units

Prerequisite: PHOTO 301 or 302 and PHOTO 310 or 312 with grades of "C" or better, equivalent or technical competency determined by a photography department faculty member upon evaluation of photography portfolio.

Course Transferable to CSU

Hours: 36 hours lecture, 54 - 108 hours laboratory

Description: This course is a study in studio lighting techniques used in commercial and editorial photography. Topics of instruction include correct exposure using strobe lighting, lighting ratios, and using color correction gels for strobes. Other topics include the use of professional studio equipment, using strobe lighting on location, and studies in composition of commercial photographs. The class includes lectures, visual presentations and discussions, an on-location field trip, lab time, exams, and a final portfolio. This course may be taken three times for credit provided there is no duplication of topics. Students must provide their own adjustable cameras and related instructional materials.

PHOTO 392 Commercial and Advertising Photography 3-4 Units

Prerequisite: PHOTO 312 (Intermediate Digital Photography) and 390 (Studio Lighting Techniques) with grades of "C" or better
Course Transferable to CSU

Hours: 36 hours lecture, 54 - 108 hours laboratory

Description: This course is an advanced study in studio lighting techniques used in the production of commercial and advertising photography. Topics of instruction include advanced studio and location lighting set-ups, shooting with a specific art direction, and studies in composition and meaning of advertising photographs. Students will capture a variety industry specific assignments including Food/Beverage, Fashion/Retail, Travel/Leisure, and Consumers products. Commercial post-processing techniques with imaging software will also be discussed. The class includes: lectures, visual presentations and discussions, an on-location field trip, lab time, written tests, and a portfolio geared toward a professional presentation. This course may be taken three times for credit provided there is no duplication of topics. Students must provide their own adjustable cameras and related instructional materials.

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NURSE 371 Focused Learning in the Associate Degree Nursing Program 1-1.5 Units

Prerequisite: See Enrollment Limitation

Enrollment Limitation: Acceptance into the Registered (Associate Degree) Nursing Program.

Course Transferable to CSU (transfer credit pending)

Hours: 18 - 27 hours lecture

Description: This course offers strategies to enhance student success in each of the four semesters of the Registered (Associate Degree) Nursing Program and in the National Licensure Examination for Nurses after graduation. This course assesses personal aptitudes, learning styles, strengths, and weaknesses in written and verbal communication and potential barriers to successful completion of the nursing program. The course includes the development of personal and professional support systems and development of a purposeful analytic process that results in reasoned decisions and judgments as a healthcare professional. The goal will be to level focused learning from simple to complex as students advance through the nursing program. Course content will address the specific needs of the students as they adapt to clinical, theory, and evaluation methods required in the nursing classes and includes evaluation of mastery of the concurrent Registered (Associate Degree) Nursing Program program course objectives and remediation before the final examination. This course utilizes Regional Health Occupations Resource Centers (RHORC) Student Success materials and online testing and remediation resources that supplement and review the Registered (Associate Degree) Nursing Program content. This course is graded Pass/No Pass and may be taken four times for credit, provided no course topics are repeated, for a maximum of six units. This course was formerly known as NURSE 370.

Program Revisions Effective Spring 2011

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Dental Assisting Associate in Science Degree Certificate of Achievement

Enrollment Process

Eligible students are selected for the program according to the following steps:

- Send application and proof of eligibility directly to the Dental Health Office. Enrollment applications and deadlines are available from the Science and Allied Health Division Office (Mohr Hall, Room 18 or 916-558-2271), the Dental Health Office (Rodda Hall South), or the dental assisting program website at <http://wserver.scc.losrios.edu/~dental/>.
- In the event there are more applicants than spaces available, students who meet the enrollment eligibility requirements will be entered into a random selection pool.
- Students accepted for enrollment in the Dental Assisting Program will be required to provide documentation of:
 - a) capability to perform essential job-related functions of a dental assistant; b) completed physical examination and immunizations; c) TB test; d) current professional level CPR certification; and e) first aid certification. Students are also required to undergo a criminal background check and an 8-panel drug screen test.

Program Description Update

The Dental Assisting program, 27 units, is a full-time day program to which students are admitted in August of each year. The curriculum is approved by the Commission on Dental Accreditation of the American Dental Association and leads to a Certificate of Achievement in Dental Assisting. After successful completion of the curriculum the student is eligible to take the National Board Examination and upon passing becomes a Certified Dental Assistant. This evidence of competence is recognized throughout the United States. In addition, graduates will be able to apply for and take the Dental Board of California examination for state licensure as a Registered Dental Assistant. In addition to normal student expenses (for textbooks, etc.), the Dental Assisting Program requires an expenditure of approximately \$2,230.00 during the one-year program for uniforms and special supplies. If this creates a hardship, check with the Financial Aid Office for possible assistance before entering the program.

Please refer to page 168 in the 2010-11 Catalog for other program requirements.

New Programs Effective Spring 2011

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Engineering Design Technology

Surveying (Geomatics)

Associate in Science Degree

The curriculum provides the student with instruction in survey theory and fundamentals of office and field practice. The objective is to prepare students for employment as described above. Material is sufficient, when coupled with the legally required experience, to prepare the student for the State licensing examinations conducted by The Board of Registration for Professional Engineers. There are numerous specialties in survey employment, and early counseling is suggested to help select the proper optional classes.

Recommended High School Preparation

Courses in algebra, trigonometry, physics, and geography.

Career Opportunities

Students may find employment in field jobs as surveyor assistants to do specific jobs as rod, chain, level, and instrument person and notekeeper. In office jobs, students may do survey computations, draw maps of property lines, topographic maps and profiles of construction sites, and compute acreage. Employers are private survey and engineering firms and government agencies throughout the United States. Job titles are Boundary, Technicians, Survey Technicians, Engineering Technicians, Engineering Aide, and Survey Aide.

Upon completion of this program, the student will be able to:

- operate all surveying measurement instruments commonly in use within the profession.
- demonstrate a knowledge of the techniques and methodology of surveying measurement.
- select appropriate survey measuring instruments to accurately complete a variety of surveying projects.
- list specific requirements of local agencies for approval and filing of survey maps such as, record of surveys, parcel maps, subdivision maps, preliminary and final maps, and also improvement plans.
- demonstrate an understanding of boundary surveying and photogrammetric surveys, theory of geodetic and control surveys, Global Positioning Systems, Geographic Information System and electronic surveys.
- demonstrate knowledge of statutory and common law regulating the surveying industry.
- discuss various types of land ownership and classify effects and intent of various land transfers and transactions.
- prepare and interpret different forms of legal descriptions of land ownership and transfer.

Required Program

SURVY 300 Elementary Surveying.....	4
SURVY 320 Advanced Survey.....	4
SURVY 330 Special Surveying Projects.....	4
SURVY 340 Basics of Photogrammetry	3
SURVY 350 Boundary Control and Legal Principles.....	4
SURVY 352 Evidence and Procedures for Boundary Location....	4

A minimum of 3 units from the following:	3
SURVY 310 Survey Map Production (4)	
SURVY 360 Survey Business Practices (3)	
GEOG 330 Introduction to Geographic Information Systems (3)	

Total Required Units

26

Associate in Science (A.S.) Degree

The Surveying/Geomatics Associate in Science (A.S.) Degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See SCC graduation requirements.

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Fashion, Applied Apparel Studies Construction

Certificate of Achievement

This certificate consists of four core Applied Apparel Studies courses. Textiles gives students an overview of appropriate fabrics to use for different applications. Premier Level Construction builds upon basic skills and adds fit, alteration, and construction of apparel. Intermediate Construction continues the understanding of fit, fabric selection, and detailed seaming techniques. Advanced Couture Construction lifts the skill level to an advanced placement. These four courses provides students the tools needed for entry-level jobs in multiple subject areas.

Career Opportunities

This certificate prepares students for entry level jobs in the apparel industry and costume studios.

Upon completion of this program, the student will be able to:

- identify names and characteristics of various fibers and weaves.
- choose appropriate fabrics for different project applications.
- layout, cut, fit, and build garments from commercial patterns.
- analyze, assess, and alter commercial patterns.

Required Program

FASHN 320 Textiles	3
FASHN 350 Applied Apparel Studies / Premier Level Construction	3
FASHN 351 Applied Apparel Studies / Intermediate Principles of Construction	3
FASHN 352 Applied Apparel Studies / Advanced Couture Construction	3

Total Required Units

12

The Certificate of Achievement may be obtained by completion of the required program with grades of "C" or better.