

SACRAMENTO CITY COLLEGE



2011-2012 CATALOG ADDENDUM

Sacramento City College

2011-2012 Catalog Addendum



This addendum to the 2011-2012 Sacramento City College Catalog contains changes that offer new educational opportunities for students. These updates were approved after the 2011-2012 College Catalog went to press in March and are effective for Summer/Fall 2011.

Rev., 7/12/2011

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Student Grievance Policy

The California Community Colleges Chancellor's Office has provided this disclosure in compliance with the requirement of the Higher Education Act of 1965, as amended, as regulated in CFR 34, Sections 600.9 (b) (3) and 688.43(b). Effective July 1, 2011, eligible institutions must have and disclose a state administered complaint process. The California Community Colleges Chancellor's Office complaint process and form are available at <http://californiacommunitycolleges.cccco.edu/ComplaintsForm.aspx>.

Chemistry - Course Revisions

CHEM 400 General Chemistry

54 hours Lecture; 72 hours LAB; 18 Discussion

CHEM 401 General Chemistry

54 hours Lecture; 72 hours LAB; 18 Discussion

Communication Studies – New Degree Associate in Arts for Transfer Degree

Program Information

Beginning in Fall 2011, community colleges are required to develop and offer “associate degrees for transfer” that require students to meet both of the following requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

- (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
- (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0. Students must earn a C or better in all courses required for the major or area of emphasis.

The Communication Department offers a variety of courses designed to meet students’ needs for graduation, transfer, and personal and professional development.

This degree is designed for students who plan to transfer to a California State University (CSU). Completion of the CSU General-Breadth Requirements or IGETC general education pattern is required. It is highly recommended that students meet with a counselor because major requirements vary for each CSU campus.

Students earning the Associate in Arts in Communication Studies for Transfer degree will be able to understand and apply human communication concepts relating to presentational speaking, critical thinking, group and interpersonal relationship development, and professional growth.

Transfer

Courses offered by the Communication Department meet a wide range of lower division transfer requirements for CSU and UC colleges. The department offers many courses designed to prepare students for transfer to a variety of disciplines including Business, Communication Studies, Criminal Justice, Education, Liberal Arts, Pre-Law, Mass Media, Management, Psychology, Sociology, and Social Work.

Forensics

The Los Rios Forensics team helps students improve their critical thinking and oral presentation skills. The Forensics team provides a high level of intercollegiate competition through the Forensics Laboratory course. Students who participate in this award-winning team compete in debate, public speaking, oral interpretation of literature/drama, impromptu speaking, and reader’s theater. This program enhances the college experience and polishes the skills that employers actively request.

Career Opportunities

The number one skill employers seek is effective communication. Courses in communication enhance understanding and skills for transfer preparation, professional development, and personal growth. The degree and program enhances opportunities for employment and promotion in fields including education, law enforcement, law, health, management, organizational development, psychology, public service, sales, training, entertainment, and social services.

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

- demonstrate an understanding of the history, evolution, and multidisciplinary nature of communication theories.
- identify and differentiate amongst various perspectives across the communication discipline.
- critically analyze evidence and reasoning to identify and provide appropriate and credible support for written and oral communication.
- identify and demonstrate effective and appropriate written and/or oral communication skills, both verbal and nonverbal, across diverse contexts.
- demonstrate individual responsibility, integrity, respect, and influence to effectively and appropriately communicate with diverse audiences.
- identify and access a variety of professional and academic opportunities related to the communication discipline.

Required Program	Units
COMM 301 Introduction to Public Speaking	3
A minimum of 6 units from the following:	6
COMM 311 Argumentation and Debate (3)	
COMM 321 Interpersonal Communication (3)	
COMM 331 Group Discussion (3)	
 A minimum of 6 units from the following:	 6
COMM 311 Argumentation and Debate (3)	
COMM 321 Interpersonal Communication (3)	
COMM 325 Intercultural Communication (3)	
COMM 331 Group Discussion (3)	
COMM 351 Mass Media and Society (3)	
or ENGWR 384 Mass Media and Society (3)	
or JOUR 310 Mass Media and Society (3)	
COMM 374 Forensics Laboratory (1 - 3)	
 A minimum of 3 units from the following:	 3
COMM 302 Persuasive Speech (3)	
COMM 305 Oral Interpretation (3)	
COMM 311 Argumentation and Debate (3)	
COMM 315 Persuasion (3)	
COMM 316 Advanced Argumentation and Critical Thinking (3)	
COMM 321 Interpersonal Communication (3)	
COMM 323 Listening (3)	
COMM 325 Intercultural Communication (3)	
COMM 328 Gender Communication (3)	
COMM 331 Group Discussion (3)	
COMM 335 Conflict Management (3)	
COMM 341 Organizational Communication (3)	
COMM 345 Interviewing (3)	
COMM 351 Mass Media and Society (3)	
or ENGWR 384 Mass Media and Society (3)	
or JOUR 310 Mass Media and Society (3)	
COMM 361 The Communication Experience (3)	
COMM 363 Introduction to Communication Theory (3)	
COMM 371 Voice and Diction (3)	
COMM 374 Forensics Laboratory (1 - 3)	
 Total Major Units Required	 18
 CSU General Education or IGETC Pattern	 37-39
 Transferable Electives	 3-5
(as needed to reach 60 transferable units)	
 Total Units Required for the Degree	 60

Early Childhood Education - New Course

ECE 406 Field Experience 4 Units
Working with Children
with Special Needs

Prerequisites: ECE 300 and 400 with grades of "C" or better; ECE 312 (same as FCS 312) is a prerequisite to ECE 400.

Enrollment Limitation: Students must show proof of negative T.B. test prior to participating in the lab.

Acceptable for credit: CSU

Hours: 36 hours LEC; 108 hours LAB

This course provides supervised experience working with children with special needs in an inclusive early care and education setting. Topics include integration strategies, classroom environments, and individualized instructional strategies for children. Emphasis will be on creating modifications, accommodations, and/or adaptations to the environment. In this supervised field experience course, students are enrolled in both a lecture and lab section. Students are required to attend a lab section each week where they have the opportunity to apply and practice what they are learning in the lecture section. The students will be assigned to the Campus Child Development Center during specific times of the day for supervised laboratory experiences.

Division of Advanced Technology
 Donnetta Webb, Dean
 Technology 106
 916-558-2491

Graphic Communication - New Certificates

3D Animation and Modeling Certificate of Achievement

Program Information

This program introduces students to the 3D animation and computer modeling industry. Through lectures and hands-on assignments, students will master real-world production techniques in both animation and 3D modeling. Rendering, compositing, and camera tracking is also covered.

Career Opportunities

Upon completion of this program, students will have mastered the necessary skills to complete short animated films and commercial projects for the television, film, biomedical, architectural visualization legal, product design, and video game industries.

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

- demonstrate an understanding of the animation production process.
- recognize and articulate the principles of animation.
- create effective storyboards for use in the animation process.
- design and create a 3D character model.
- create and manipulate a wireframe mesh using a variety of tools.
- work with surfaces, including procedural textures and texture maps.
- demonstrate an understanding of the 3D rendering process.

Required Program	Units
GCOM 400 Introduction to the Principles of Animation	3
GCOM 401 Introduction to Computer Animation.....	3
GCOM 402 Beginning 3D Modeling and Rigging.....	3
GCOM 410 Advanced Computer Animation	3
Total Units	12

Game Design Certificate of Achievement

Program Information

In this program, students will study the art, technology, science, and design principles for the creation and development of video games. This program covers video game history, game theory, design of computer-based games, delivery systems, development cycles, case studies, ethical and social issues, emerging technologies, industry trends, and the development of 3D art assets. This program emphasizes the understanding and the interdisciplinary nature of video game design, production, and delivery. This program does not include computer programming topics.

Career Opportunities

Students who successfully complete this program and continue their education in four year programs will find job opportunities in the video game industry.

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

- demonstrate an understanding of the game design process.
- demonstrate an understanding of game structure and elements.
- demonstrate an understanding of the various roles in a professional game development environment.
- build a working game prototype.
- create 3D art assets for video games.
- optimize 3D art assets to run correctly in a real-time game engine.

Required Program	Units
GCOM 420 Video Game Design	3
GCOM 424 Video Game Art.....	3
GCOM 426 Video Game Level Design	3
GCOM 400 Introduction to the Principles of Animation	3
GCOM 401 Introduction to Computer Animation.....	3
GCOM 402 Beginning 3D Modeling and Rigging.....	3
GCOM 330 Digital Imaging 1	3
Total Units	21

Interactive Design

Certificate of Achievement

Program Information

This program offers in-depth design explorations into interactive development techniques. This program emphasizes the application of design principles to the elements of motion and interactivity. Students will learn the principles of interactive design in an effort to create Web sites with animation, interactive buttons, video, and sound. The program also covers creative processes for Web design, working with a client, and optimal delivery.

Career Opportunities

This program will provide students with the core interactive web design skills that are required to fulfill an entry level position at an interactive design or web design firm.

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

- use the creative process to develop an interactive Web site from concept to uploading.
- apply graphic design principles of visual hierarchy, layout, color, typography, and grid to design a fully functional interactive Web site or application.
- apply animation design principles and storyboarding to create a short animation that visually communicates a message.
- analyze a specific audience and cater graphics and interactivity to that audience's needs.
- utilize software tools to develop an interactive Web site with animation, sound, and action scripting.
- apply interactive design principles to a variety of mediums, including Web sites, presentations, and rich internet applications.

Required Program

Units

GCOM 330 Digital Imaging 1	3
GCOM 340 Digital Illustration for Graphic Design 1	3
GCOM 360 Introduction to Web and Interactive Technologies ..	3
GCOM 380 Interactive Design 1	3
GCOM 383 Interactive Design 2	3
GCOM 390 Motion Design 1	3
Total Units	18

Mathematics MATH

Division of Mathematics/Statistics & Engineering
 Anne E. Licciardi, Dean
 South Gym 220
 916-558-2202

Mathematics - New Degree Associate in Science for Transfer Degree

Program Information

Beginning in Fall 2011, community colleges are required to develop and offer "associate degrees for transfer" that require students to meet both of the following requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

(A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.

(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

Students must earn a C or better in all courses required for the major or area of emphasis.

The mathematics program provides students the opportunity to complete the lower-division coursework required for four-year programs in mathematics. This program is for students who plan to transfer to a California State University (CSU). Completion of the CSU General-Breadth or IGETC general education pattern is required. It is highly recommended that students meet with a counselor because major and general education requirements vary for each college/university. Declared majors will be invited to an orientation with the opportunity to meet with mathematics faculty for advising.

Career Opportunities

Mathematicians work as statisticians, analysts, computer programmers, actuaries, researchers, planners, and educators. This major is designed to meet the lower-division requirements for most bachelor's degrees in Mathematics.

The goal of the Associate in Science in Mathematics for Transfer program is prepare students for a baccalaureate major in Mathematics. The courses included in the degree program are specifically designed as transferable courses so students will be prepared for baccalaureate programs at most of the state's four-year institutions. Most of the courses included in the degree meet the lower-division requirements of a mathematics major at four-year institutions.

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

- explain and apply basic concepts of single variable calculus including various forms of derivatives and integrals, their interconnections, and their uses in analyzing and solving real-world problems.
- explain and apply basic concepts of multivariate calculus, linear algebra, or differential equation techniques, their interconnections, and their uses in analyzing and solving real-world problems.
- write logical proofs of basic theorems.
- use appropriate applications to demonstrate mathematical problem solving.

Required Program	Units
MATH 400 Calculus I.....	5
MATH 401 Calculus II.....	5
MATH 402 Calculus III.....	5
MATH 410 Introduction to Linear Algebra.....	3
MATH 420 Differential Equations.....	4
Total Major Units Required	22
CSU General Education or IGETC Pattern	37-39*
Transferable Electives (as needed to reach 60 transferable units)	4-6
Total Units Required for the Degree	60

*NOTE: MATH 400 may be double counted.

Division of Science and Allied Health
James Collins, Dean
Mohr Hall 18
916-558-2271

Nursing, Associate Degree Nursing Program

Revisions to the enrollment Criteria and enrollment process are outlined below. Please visit the Nursing website at http://www.scc.losrios.edu/academics/science_and_allied_health_division/nursing.htm for additional information.

Enrollment Eligibility

To be eligible for enrollment in the program, the student must meet the following criteria:

Graduation from an accredited high school (graduates from outside the United States must have transcripts evaluated by an approved independent agency), or successful completion of General Education Development (GED), or California High School Proficiency Exam (CHSPE). These requirements are defined by the current Nurse Practice Act, Title 16, California Code of Regulations, Section 1412.

Completion of BIOL 430 and BIOL 431 (Anatomy and Physiology) and BIOL 440 (Microbiology) with grades of "C" or better and a cumulative GPA of 3.0 or better.

Completion of NUTRI 300 (Nutrition) or FCS 340, FCS 324/PSYC 370 (Human Development: A Life Span), PSYC 300 (General Principles), and ENGWR 300 (College Composition) with grades of "C" or better and a cumulative GPA of 2.5 or better.

Completion of ENGRD 110 with a grade of "C" or better or eligibility for ENGRD 310 as determined by the reading assessment process for all applicants who do not have an AA degree or higher.

Courses taken for Pass/No Pass will be calculated into GPA's as a "C" grade.

To be eligible for application to the nursing program students must complete the Test of Essential Academic Skills (TEAS), Version 5, developed by the Assessment Technologies Institute, LLC (ATI). A composite score of 62 is required. Additional information is available from the SCC Nursing website.

In-progress grades will not be accepted for prerequisite courses.

The Sacramento City College Nursing Program reserves the right to make changes in the enrollment criteria, academic requirements, grading standards, and other processes without notice at any time.

Enrollment Process

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

Enrollment Criteria, enrollment applications, and deadlines are available from the Science & Allied Health Division Office (Mohr Hall, Room 18 or 558-2271) or the SCC website at <http://www.scc.losrios.edu/~nursing/>.

Applications for enrollment and official transcripts supporting completion of prerequisite courses must be submitted to the Science and Allied Health Division by the posted due date.

Students accepted to the nursing program will be required to complete a physical examination, immunizations, drug screen, background check, and possess a current CPR card and malpractice insurance prior to the start of the semester.

Psychology - New Degree Associate in Arts for Transfer Degree

Program Information

Beginning in Fall 2011, community colleges are required to develop and offer "associate degrees for transfer" that require students to meet both of the following requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

- (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
- (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

Students must earn a C or better in all courses required for the major or area of emphasis.

This program is designed to provide a clearly articulated curricular track for Sacramento City College students preparing to transfer in Psychology while also serving the diverse needs of students interested in the breadth and depth of the field. Additionally, this program will expose students to the core principles and practices of the field in order to build a foundation for their future personal, academic, or vocational paths. In addition to transfer, this foundation would be appropriate for entry into a variety of paraprofessional careers and careers in related fields.

The goal of the Associate in Arts in Psychology for Transfer program is to prepare students for a baccalaureate major in Psychology. The courses included in the degree program are specifically designed as transferable courses so students will be prepared for baccalaureate programs at most of the state's four-year institutions. Many of the courses included in the degree meet the lower-division requirements of a Psychology major at four-year institutions.

Career Opportunities

The Psychology degree is designed to facilitate students' successful transfer to BA programs and, in so doing, prepare them for advanced study in a variety of graduate programs. Psychologists with graduate degrees and professional certificates have a broad range of employment opportunities including, but not limited to, clinical practice, research, and teaching. Clinical psychologists work in a variety of settings and with a wide range of clients. Research psychologists work in a range of fields associated with the study of human behavior, including biomedical, sports psychology, and cognitive neuroscience. The A.A. degree for Transfer in psychology can also provide a foundation for students interested in working in paraprofessional careers and careers in related fields.

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

- differentiate between scientifically derived knowledge and myth and conjecture about the topics of psychology and demonstrate understanding of psychological theory and the scientific method.
- compare and contrast the major theoretical orientations in psychology, demonstrate knowledge of basic psychological terminology regarding behavior, cognition, and emotion, and be able to express this clearly when writing or speaking about psychology.
- integrate content knowledge, cognitive skills, and technical proficiency in completing exams, term papers, presentations and other class assignments. These cognitive skills include: learning, memory, logical thinking, problem-solving, decision-making, and critical thinking.
- evaluate psychological data, draw reasonable conclusions, recognize the ethical implications of these conclusions, and apply these conclusions to personal, community, and scientific problems.
- apply psychological principles to the development of interpersonal, occupational, and social skills and life-long personal growth.
- recognize the complexity of social, cultural, and international diversity and the principles of equity, justice, and inclusion in their lives.

Required Program

Units

PSYC 300 General Principles (3).....	3
or PSYC 480 Honors General Principles (3)	
PSYC 310 Biological Psychology	3
PSYC 335 Research Methods in Psychology	3
STAT 300 Introduction to Probability and Statistics (4)	4
or STAT 480 Introduction to Probability and Statistics - Honors (4)	
A minimum of 3 units from the following:	3
PSYC 320 Social Psychology (3)	
or PSYC 316 Cognitive Psychology (3)	
or PSYC 370 Human Development: A Life Span (3)	
or FCS 324 Human Development: A Life Span (3)	

A minimum of 3 units from the following: 3

- One course not taken from list above (3) or
- PSYC 314 Animal Behavior (3)
- or PSYC 315 Psychopharmacology (3)
- or PSYC 340 Abnormal Behavior (3)
- or PSYC 353 Psychology of Adjustment (3)
- or PSYC 356 Human Sexuality (3)
- or PSYC 358 Principles of Interpersonal Relations (3)
- or PSYC 360 Psychology of Women (3)
- or PSYC 364 Psychology of Sexual Orientation (3)
- or PSYC 367 Psychology of Minorities (3)
- or PSYC 374 Psychology of Aging: Adult Development and Aging (3)
- or PSYC 376 Personality (3)
- or PSYC 390 Psychology of Death and Dying (3)
- or PSYC 405 Substance Abuse: Effects on Body and Behavior (3)
- or PSYC 410 Psychology of Creativity, Intuition and Problem Solving (3)

Total Major Required Units	19
CSU General Education or IGETC Pattern	37-39
Transferable Electives (as needed to reach 60 transferable units)	2-4
Total Units Required for the Degree	60

Division of Behavioral and Social Science
 Jesus (Frank) Malaret, Dean
 RHN 226
 916-558-2401

**Sociology-New Degree
 Associate in Arts for Transfer Degree**

Program Information

Beginning in Fall 2011, community colleges are required to develop and offer “associate degrees for transfer” that require students to meet both of the following requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

- (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
- (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

Students must earn a C or better in all courses required for the major or area of emphasis.

The sociology major is designed to prepare students for further study in sociology leading to the BA, MA, MSW, and/or Ph.D. degrees. The transfer degree program provides students the opportunity to complete the lower-division coursework required for four-year programs in sociology. This program is for students who plan to transfer to a California State University (CSU.) Completion of the CSU General-Breadth or IGETC general education pattern is required. It is highly recommended that students meet with a counselor because major and general education requirements vary for each college/university.

Career Opportunities

Sociologists with graduate degrees may teach at the high school, college, and graduate levels. Research sociologists may manage and execute research at the local, state, and federal levels and in both private and public sector industry. Additional careers facilitated by advanced study of sociology include public policy analysis, jurisprudence, and careers in international fields. Applied sociologists work with social service agencies and community programs developing resources for various populations, i.e. at-risk-youth, the elderly or people experiencing challenges related to poverty, substance abuse or the justice system. Sociology majors are encouraged to participate in community activities and community service internships, and often attend relevant guest lectures and public events.

The goal of the Associate in Arts in Sociology for Transfer program is to prepare students for a baccalaureate major in Sociology. The courses included in the degree program are specifically designed as transferrable courses so students will be prepared for baccalaureate programs at most of the state’s four-year institutions. Many of the courses included in the degree meet the lower-division requirements of a Sociology major at four-year institutions.

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

- apply the sociological perspective on human behavior.
- compare and contrast the major theoretical orientations in sociology.
- analyze the role of theory and social research methods in sociology.
- evaluate data, draw reasonable conclusions, and apply these conclusions to personal, community, and societal-level problems.
- integrate content knowledge and cognitive skills, i.e. logical thinking, problem-solving, and critical reasoning, when completing exams, term papers, and additional class assignments.
- apply sociological principles that contribute to the foundation for life-long personal growth and development of effective interpersonal and social skills.
- apply sociological principles to social institutions such as education, employment, medicine and religion.

Required Program	Units
SOC 300 Introductory Sociology (3)	3
or SOC 480 Introductory Sociology - Honors (3)	
SOC 301 Social Problems.....	3
STAT 300 Introduction to Probability and Statistics (4)	4
or STAT 480 Introduction to Probability and Statistics - Honors (4)	
A minimum of 9 units from the following:	9
SOC 305 Critical Thinking in the Social Sciences (3)	
SOC 310 Marriage and the Family (3)	
or FCS 320 Marriage and the Family (3)	
SOC 321 Race, Ethnicity and Inequality in the United States (3)	
FCS 326 Sex and Gender in the U.S. (3)	
or SOC 341 Sex and Gender in the U.S. (3)	
Total Major Units Required	19
CSU General Education or IGETC Pattern	37-39
Transferable Electives	2-4
(as needed to reach 60 transferable units)	
Total Units Required for the Degree	60

SPORT

Division of Kinesiology, Health, & Athletics
Mitch Campbell, Dean
Hughes Stadium, Section 1 & 3
916-558-2425

SPORT - New Courses

SPORT 301 Off Season 1-3 Units **Conditioning for Baseball**

Prerequisite: None.

Acceptable for credit: CSU

Hours: 54-162 LAB

This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of baseball. Course content will include: sport specific skill development, sport specific strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. The course may be taken four times for a maximum of 12 units for credit.

SPORT 366 Off Season 1-3 Units **Conditioning for Softball**

Prerequisite: None.

Acceptable for credit: CSU

Hours: 54-162 LAB

This physical education course involves sport specific training and conditioning skills and techniques. There is a concentration of basic concepts with emphasis on conditioning. Students will have the opportunity to obtain knowledge and practical experience in a specific intercollegiate sport. The course may be taken four times for a maximum of 12 units for credit.