

SAN BERNARDINO VALLEY COLLEGE
SUBMITTED FOR BOARD OF TRUSTEE APPROVAL
December 10, 2009

NEW COURSES

Division: Applied Technology, Transportation & Culinary Arts
Department: Electricity/Electronics
Course ID: ELEC 090
Course Title: OSHA 30-Hour Safety Standards: Construction and Industry
Units: 2
Lecture: 2 contact hour(s) per week
32 - 36 contact hours per semester

Prerequisite: None

Catalog Description: This course covers 30 hours of training required by Occupational Safety and Health Act (OSHA), that apply toward the 30-hour Construction Safety and Health course completion card. The course is comprised of 25 sections, each one or two hours in length, and covers topics pertaining to regulations in Standard 29 Code of Federal Regulations (CFR) 1926.

Schedule Description: This course covers 30 hours of training required by Occupational Safety and Health Act (OSHA), that apply toward the 30-hour Construction Safety and Health course completion card. The course is comprised of 25 sections, each one or two hours in length, and covers topics pertaining to regulations in Standard 29 Code of Federal Regulations (CFR) 1926.

Effective Date: FA10

Rationale: The Career and Technical Education Unit in the California Community Colleges Chancellor's Office now requires this training which helps ensure that all electrician trainees learn the same safety curriculum and meet OSHA competency criteria.

Division: Science & Health Science
Department: Geographic Information Systems
Course ID: GIS 098
Course Title: GIS Work Experience
Units: 1 - 4
Work Experience: 5.00 - 20.00
Departmental Advisory: GIS 135

Catalog Description: Supervised training in the form of on the job employment that will enhance the student's educational goals. The student's major and job must match. Students work 5-20 contact hours per week to earn units using the following formula: For paid work, 75 hours = 1 unit; for volunteer work, 60 hours = 1 unit. Students may earn a total of 16 units toward graduation in Work Experience 098 courses. Students MUST be working for pay or volunteer before registering for a Work Experience class. NOTE: Only one section of Work Experience may be taken during a semester.

Schedule Description: Supervised training in the form of on the job employment that will enhance the student's educational goals. The student's major and job must match. Students work 5-20 contact hours per week to earn units using the following formula: For paid work, 75 hours = 1 unit; for volunteer work, 60 hours = 1 unit. Students may earn a total of 16 units toward graduation in Work Experience 098 courses. Students MUST be working for pay or volunteer before registering for a Work Experience class. NOTE: Only one section of Work Experience may be taken during a semester.

Effective Date: FA10

Rationale: Work experience will afford students the opportunity to apply what is being taught in the classroom.

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

NEW COURSES

Division: Applied Technology, Transportation & Culinary Arts

Department: Refrigeration / Air Conditioning

Course ID: REFRIG 007

Course Title: Refrigeration Welding

Units: 3

Lecture: 1 contact hour(s) per week
16 - 18 contact hours per semester

Laboratory: 6 contact hour(s) per week
96 - 108 contact hours per semester

Prerequisite: None

Catalog Description: This course covers intensive training in soldering, brazing and welding techniques on copper tubing, steel and dissimilar metals using oxyacetylene and special gas torches as practiced in the refrigeration, HVAC industry including blueprint reading and fabrication.

Schedule Description: This course covers intensive training in soldering, brazing and welding techniques on copper tubing, steel and dissimilar metals using oxyacetylene and special gas torches as practiced in the refrigeration, HVAC industry.

Effective Date: FA10

Rationale: The content for this course is specific to refrigeration, HVAC applications, that includes intensive soldering and brazing on tubing with oxyacetylene torches and turbo torches, and more dissimilar metal applications including layout and fabrication.

Division: Applied Technology, Transportation & Culinary Arts

Department: Welding Technology

Course ID: WELD 068

Course Title: Los Angeles City Reinforcing Steel and Structural Sheet Steel (Light Gauge)

Units: 3

Lecture: 2 contact hour(s) per week
32 - 36 contact hours per semester

Laboratory: 3 contact hour(s) per week
48 - 54 contact hours per semester

Departmental Advisory: WELD 045

Catalog Description: This class will prepare students for the Los Angeles Reinforcing Steel and Structural Sheet Steel written examination with emphasis on the American Welding Society (AWS) D1.3 and AWS D1.4 Welding Code. The laboratory will enable students to prepare for the performance (weld test) that can be taken at an approved testing facility registered with the City of Los Angeles Building and Safety Department.

Schedule Description: This class will prepare students for the Los Angeles Reinforcing Steel and Structural Sheet Steel written examination with emphasis on the AWS D1.3 and AWS D1.4 Welding Code.

Effective Date: FA10

Rationale: With the demand for new freeway construction and tougher codes in seismic zones, there is a need for certified reinforcing steel and structural sheet steel welders.

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

MODIFIED COURSES

COURSE ID	COURSE TITLE
ACAD 600A-IX4	SUPERVISED TUTORING

Course ID: ACAD 600Ax4

Course Title: Supervised Tutoring - Applied Technology, Transportation & Culinary Arts

Limitation on Enrollment: Students will be assigned to the Supervised Tutoring course by a counselor or an instructor on the basis of an identified learning need (Title 5, Section 58170:e).

Catalog Description: Students enrolling in this noncredit class will receive assistance in understanding course-specific content in areas in which they are having difficulty. Peer tutors will provide examples and supplementary instruction based on course texts and homework exercises. Enrollment in this class is limited to students who have been recommended by an instructor or counselor on the basis of an identified learning need.

Schedule Description: Students enrolling in this noncredit class will receive assistance in understanding course-specific content in areas in which they are having difficulty.

Effective Date: FA10

Rationale: Content Review

Course ID: ACAD 600Bx4

Course Title: Supervised Tutoring - Criminal Justice

Limitation on Enrollment: Students will be assigned to the Supervised Tutoring course by a counselor or an instructor on the basis of an identified learning need (Title 5, Section 58170:e).

Catalog Description: Students enrolling in this noncredit class will receive assistance in understanding course-specific content in areas in which they are having difficulty. Peer tutors will provide examples and supplementary instruction based on course texts and homework exercises. Enrollment in this class is limited to students who have been recommended by an instructor or counselor on the basis of an identified learning need.

Schedule Description: Students enrolling in this noncredit class will receive assistance in understanding course-specific content in areas in which they are having difficulty.

Effective Date: FA10

Rationale: Content Review

Course ID: ACAD 600Cx4

Course Title: Supervised Tutoring - General Studies

Limitation on Enrollment: Students will be assigned to the Supervised Tutoring course by a counselor or an instructor on the basis of an identified learning need (Title 5, Section 58170:e).

Catalog Description: Students enrolling in this noncredit class will receive assistance in understanding course-specific content in areas in which they are having difficulty. Peer tutors will provide examples and supplementary instruction based on course texts and homework exercises. Enrollment in this class is limited to students who have been recommended by an instructor or counselor on the basis of an identified learning need.

Schedule Description: Students enrolling in this noncredit class will receive assistance in understanding course-specific content in areas in which they are having difficulty.

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

MODIFIED COURSES

Course ID: ACAD 600Dx4

Course Title: Supervised Tutoring - Arts & Humanities

Limitation on Enrollment: Students will be assigned to the Supervised Tutoring course by a counselor or an instructor on the basis of an identified learning need (Title 5, Section 58170:e).

Catalog Description: Students enrolling in this noncredit class will receive assistance in understanding course-specific content in areas in which they are having difficulty. Peer tutors will provide examples and supplementary instruction based on course texts and homework exercises. Enrollment in this class is limited to students who have been recommended by an instructor or counselor on the basis of an identified learning need.

Schedule Description: Students enrolling in this noncredit class will receive assistance in understanding course-specific content in areas in which they are having difficulty.

Effective Date: FA10

Rationale: Content Review

Course ID: ACAD 600Ex4

Course Title: Supervised Tutoring - Library, Learning Resources & Communication Media

Limitation on Enrollment: Students will be assigned to the Supervised Tutoring course by a counselor or an instructor on the basis of an identified learning need (Title 5, Section 58170:e).

Catalog Description: Students enrolling in this noncredit class will receive assistance in understanding course-specific content in areas in which they are having difficulty. Peer tutors will provide examples and supplementary instruction based on course texts and homework exercises. Enrollment in this class is limited to students who have been recommended by an instructor or counselor on the basis of an identified learning need.

Schedule Description: Students enrolling in this noncredit class will receive assistance in understanding course-specific content in areas in which they are having difficulty.

Effective Date: FA10

Rationale: Content Review

Course ID: ACAD 600Fx4

Course Title: Supervised Tutoring - Mathematics, Business & Computer Technology

Limitation on Enrollment: Students will be assigned to the Supervised Tutoring course by a counselor or an instructor on the basis of an identified learning need (Title 5, Section 58170:e).

Catalog Description: Students enrolling in this noncredit class will receive assistance in understanding course-specific content in areas in which they are having difficulty. Peer tutors will provide examples and supplementary instruction based on course texts and homework exercises. Enrollment in this class is limited to students who have been recommended by an instructor or counselor on the basis of an identified learning need.

Schedule Description: Students enrolling in this noncredit class will receive assistance in understanding course-specific content in areas in which they are having difficulty.

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

MODIFIED COURSES

Course ID: ACAD 600Gx4

Course Title: Supervised Tutoring - Science and Health Science

Limitation on Enrollment: Students will be assigned to the Supervised tutoring course by a counselor or an instructor on the basis of an identified learning need (Title5, Section 58170:e).

Catalog Description: Students enrolling in this noncredit class will receive assistance in understanding course-specific content in areas in which they are having difficulty. Peer tutors will provide examples and supplementary instruction based on course texts and homework exercises. Enrollment in this class is limited to students who have been recommended by an instructor or counselor on the basis of an identified learning need.

Schedule Description: Students enrolling in this noncredit class will receive assistance in understanding course-specific content in areas in which they are having difficulty.

Effective Date: FA10

Rationale: Content Review

Course ID: ACAD 600Hx4

Course Title: Supervised Tutoring - Social Science, Human Development & Physical Education

Limitation on Enrollment: Students will be assigned to the Supervised Tutoring course by a counselor or an instructor on the basis of an identified learning need (Title 5, Section 58170:e)

Catalog Description: Students enrolling in this noncredit class will receive assistance in understanding course-specific content in areas in which they are having difficulty. Peer tutors will provide examples and supplementary instruction based on course texts and homework exercises. Enrollment in this class is limited to students who have been recommended by an instructor or counselor on the basis of an identified learning need.

Schedule Description: Students enrolling in this noncredit class will receive assistance in understanding course-specific content in areas in which they are having difficulty.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
AUTO 066	ASE ALTERNATIVE A-6, A-8, L-1 PREP OR CERTIFICATE

Catalog Description: Automotive Service Excellence (ASE) alternative course is designed for students wishing to meet the Bureau of Automotive Repair (BAR) requirements to become a Smog Technician in lieu of ASE certificates or as a preparation for ASE testing. Subject areas include reviewing of A-6 Electrical and Electronics, A-8 Engine Performance, and L-1 Advanced Engine Performance. Students wishing alternative certificate will be asked to pay for testing services for each test; State certificate expires at the end of five years.

Schedule Description: Automotive Service Excellence (ASE) alternative course is designed for students wishing to meet the Bureau of Automotive Repair (BAR) requirements to become a Smog Technician in lieu of ASE certificates or as a preparation for ASE testing. State certificate expires at the end of five years.

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

MODIFIED COURSES

COURSE ID	COURSE TITLE
AUTO 067	BASIC AND ADVANCED CLEAN AIR CAR COURSE

Departmental Advisory: AUTO 066 completion or current ASE Certification or passing test scores in the area of A6, A8 or L1.

Catalog Description: This Bureau of Automotive Repair (BAR) course provides students with the knowledge necessary to perform a smog inspection in the basic and advanced inspection areas according to BAR guidelines. Course includes the Basic Clean Air Car Course (BCACC), Advanced Clean Air car Course (ACACC) and the current BAR update requirements. Students will receive State certificate for each section of this course. Certificates for BCACC and ACACC are good for one year from the date of completion; students must complete their smog technician license or retake the class. The update course certificate has to be renewed every two years.

Schedule Description: This Bureau of Automotive Repair (BAR) course provides students with the knowledge necessary to perform a smog inspection in the basic and enhanced inspection areas according to BAR guidelines. Certificates for Basic Clean Air Car Course (BCACC) and Advanced Clean Air car Course (ACACC) are good for one year from the date of completion; students must complete their smog technician license or retake the class. The update course certificate has to be renewed every two years.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
FRENCH 102	COLLEGE FRENCH II

Catalog Description: This course provides students the opportunity to continue to develop conversational, reading and writing skills in French with special emphasis on past tense verbs, grammar, vocabulary expansion and cultural applications of the French language.

Schedule Description: This course provides students the opportunity to continue to develop conversational, reading and writing skills in French with special emphasis on past tense verbs, grammar, vocabulary expansion and cultural applications of the French language.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
GEOG 106	GEOGRAPHIC PERSPECTIVES ON THE ENVIRONMENT

Departmental Advisory: ENGL 015

Catalog Description: This course provides an introductory study of the latest geographic perspectives of critical environmental issues occurring within and across local, regional, national, and global scales. It creates an awareness of the geography of human-environment relationships, in particular how nature and natural resources are defined, contested, distributed, and consumed. Emphasis is on social, political, cultural, psychological, and economic evaluation of natural resources and associated resource management.

Schedule Description: This course is an introductory study of the latest geographic perspectives of critical environmental issues occurring within and across multiple geographic scales. It instills an awareness of the geography of human-environment relationships, in particular how nature and natural resources are defined, contested, distributed, and consumed.

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

MODIFIED COURSES

COURSE ID	COURSE TITLE
GEOG 110	PHYSICAL GEOGRAPHY

Departmental Advisory: MATH 942 and ENGL 015

Catalog Description: Within a human-environment framework, students will review basic physical elements of geography, with emphasis on weather, climate, water, soil, landforms, native animal life and natural vegetation, and their interrelationships and patterns of distribution on a worldwide basis. GEOG 111/GEOG 111H is strongly recommended for students who desire to transfer to CSU/UC.

Schedule Description: Within a human-environment framework, students will review basic physical elements of geography, with emphasis on weather, climate, water, soil, landforms, native animal life and natural vegetation, and their interrelationships and patterns of distribution on a worldwide basis. GEOG 111/GEOG 111H is strongly recommended for students who desire to transfer to CSU/UC.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
GEOG 111	PHYSICAL GEOGRAPHY LABORATORY

Prerequisite/Corequisite: GEOG 110

Catalog Description: This is the laboratory companion for the GEOG 110 physical geography lecture course. This course is recommended for students concurrently enrolled in GEOG 110 or who have successfully completed the course within last three years. Students will apply lecture principles to in-class, hands-on, and field exercises. Students should be prepared to participate in one or more off-campus field exercises.

Schedule Description: This is the laboratory companion for the GEOG 110 physical geography lecture course. This course is recommended for students concurrently enrolled in GEOG 110 or who have successfully completed the course within last three years. Students will apply lecture principles to in-class, hands-on, and field exercises.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
GEOG 285	HONORS IN PHYSICAL GEOGRAPHY LABORATORY

Course ID: GEOG 111H

Course Title: PHYSICAL GEOGRAPHY LABORATORY - HONORS

Prerequisite/Corequisite: GEOG 110

Catalog Description: This is the laboratory companion for the GEOG 110 physical geography lecture course. This course is recommended for students concurrently enrolled in GEOG 110 or who have successfully completed the course within last three years. Students will apply lecture principles to in-class, hands-on, and field exercises. Students should be prepared to participate in one or more off-campus field exercises. This course is intended for students in the Honors Program but is open to all students who desire more challenging coursework. (Formerly GEOG 285)

Schedule Description: This is the laboratory companion for the GEOG 110 physical geography lecture course. This course is recommended for students concurrently enrolled in GEOG 110 or who have successfully completed the course within last three years. Students will apply lecture principles to in-class, hands-on, and field exercises. This course is intended for students in the Honors Program but is open to all students who desire more challenging coursework. (Formerly GEOG 285)

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

MODIFIED COURSES

COURSE ID	COURSE TITLE
GEOL 101	INTRODUCTION TO PHYSICAL GEOLOGY

Departmental Advisory: GEOL 111 and ENGL 015 or eligibility for ENGL 101, as determined through the SBVC assessment process.

Catalog Description: This course is an introduction to the study of the Earth, with emphasis on the materials that make up the Earth. It emphasizes Plate Tectonics, the processes that created the continents and the ocean basins, and the processes that change the landscape. GEOL111 is strongly recommended for students who desire to transfer to CSU/UC.

Schedule Description: This course is an introduction to the study of the Earth, with emphasis on the materials that make up the Earth. It emphasizes Plate Tectonics, the processes that created the continents and the ocean basins, and the processes that change the landscape. GEOL 111 is strongly recommended for students who desire to transfer to CSU/UC.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
GEOL 111	INVESTIGATIONS IN PHYSICAL GEOLOGY

Course Title: Physical Geology Laboratory

Catalog Description: This course is a hands-on introduction to the study of the Earth, with emphasis on the materials that make up the Earth. This course is recommended for students concurrently enrolled in GEOL 101 or who have successfully completed the course within the last three years.

Schedule Description: This course is a hands-on introduction to the study of the Earth, with emphasis on the materials that make up the Earth. This course is recommended for students concurrently enrolled in GEOL 101 or who have successfully completed the course within the last three years.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
GIS 139	GLOBAL POSITIONING SYSTEMS (GPS) FIELD TECHNIQUES

Course ID: GIS 039

Departmental Advisory: GIS 135

Catalog Description: The Global positioning systems (GPS) is a satellite-based navigation system comprised of a network of 24 satellites placed into orbit by the US Department of Defense. The aim of this course is to introduce students to the principles of the GPS and to demonstrate its application to GIS. GPS basic components are covered, including satellites, ground control stations, antennas, and receivers. GIS background or work experience in the field are recommended to succeed in this course. (Formerly GIS 139)

Schedule Description: This course introduces students to the principles of the GPS and demonstrates its application to GIS. Basic components are covered, including satellites, ground control stations, antennas, and receivers. GIS background or work experience in the field are necessary and recommended to succeed in this course. (Formerly GIS 139)

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

MODIFIED COURSES

COURSE ID	COURSE TITLE
GIS 130	INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS (GPS)

Lecture: 2.5 contact hour(s) per week
40 - 45 contact hours per semester

Laboratory: 1.5 contact hour(s) per week
24 - 27 contact hours per semester

Departmental Advisory: ENGL 015 and MATH 942 and READ 015

Catalog Description: This course provides an introduction to the fundamentals of Geographic Information Systems (GIS), including the history of automated mapping. The course includes a brief introduction to basic cartographic principles, including map scales, coordinate systems and map projections. GIS hardware and software are explored, as are various applications of GIS technology used in environmental science, business and government.

Schedule Description: This course provides an introduction to the fundamentals of Geographic Information Systems (GIS), including the history of automated mapping. The course includes a brief introduction to basic cartographic principles, including map scales, coordinate systems and map projections.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
GIS 131	GIS APPLICATIONS

Laboratory: 3 contact hour(s) per week
48 - 54 contact hours per semester

Prerequisite: None

Departmental Advisory: ENGL 015 and MATH 942 and READ 015 and GIS 130

Catalog Description: This course provides students the basics of working with existing GIS data, creating GIS data from digitizing, and creating maps. This course will provide hands-on experience in using the latest, industry standard ArcGIS software to analyze both vector and raster based data structures through processes such as map overlays.

Schedule Description: This course provides students the basics of working with existing GIS data, creating GIS data from digitizing, and creating maps. This course will provide hands-on experience in using the latest, industry standard ArcGIS software to analyze both vector and raster based data structures through processes such as map overlays.

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

MODIFIED COURSES

COURSE ID	COURSE TITLE
GIS 133	GIS CARTOGRAPHY AND BASE MAP DEVELOPMENT

Laboratory: 3 contact hour(s) per week
48 - 54 contact hours per semester

Catalog Description: This course covers the nature of cartography, standard cartographic conventions, and graphic symbology. Map projections, scale, types of thematic maps, and map accuracy are reviewed. Current industry standard techniques used in GIS base map development are employed, including production and presentation techniques of professional quality maps.

Schedule Description: The course covers the fundamental concepts and cartographic conventions of map making. Specific topics covered include history of cartography, projections, map symbology, typography, color, map layouts and visualization.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
GIS 135	SPATIAL ANALYSIS WITH GIS

Laboratory: 3 contact hour(s) per week
48 - 54 contact hours per semester

Catalog Description: This course is an introduction to spatial analysis with fundamental concepts and analytical procedures used to simplify complex spatial modeling. Specific methods covered include spatial queries, buffering, overlay, interpolation, network analysis, surface analysis, and spatial autocorrelation.

Schedule Description: This course is an introduction to spatial analysis with fundamental concepts and analytical procedures used to simplify complex spatial modeling. Students are provided with GIS tools and techniques needed to perform spatial analysis and spatial modeling.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
GIS 136	GIS FOR SCIENCE, GOVERNMENT AND BUSINESS

Laboratory: 3 contact hour(s) per week
48 - 54 contact hours per semester

Catalog Description: This course introduces students to the various GIS techniques deployed to help government, businesses, and consulting firms to operate in a constantly changing social, physical, economic, and political environment. Government agencies and businesses today face challenges that force them to think beyond traditional, non-geographic approaches to problem solving. Students are introduced to data integration, maps, and GIS outputs.

Schedule Description: This course employs case studies and hands-on exercises that demonstrate the power of GIS as specifically applied to science, government, and business applications. Students are introduced to the implementation of a GIS, zoning map design, needs assessment, retail site selection, managing sales territories, and environmental remediation.

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

MODIFIED COURSES

COURSE ID	COURSE TITLE
GIS 137	ADVANCED GIS APPLICATIONS

Laboratory: 3 contact hour(s) per week
48 - 54 contact hours per semester

Catalog Description: This course provides hands-on training in advanced applications of GIS using ArcView and ArcInfo, and a review of Visual Basic for Applications (VBA) for customizing ArcGIS. It includes introduction to ArcGIS Server, ArcIMS, and building maps and models for publishing to the web. Students will learn to build web applications with GIS capabilities using Application Service Provider (ASP).

Schedule Description: This course provides hands-on training in advanced applications of GIS using ArcView and ArcInfo, and a review of Visual Basic for Applications (VBA) for customizing ArcGIS. It includes introduction to ArcGIS Server, ArcIMS, and building maps and models for publishing to the web.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
HIST 100	UNITED STATES HISTORY TO 1877

Departmental Advisory: Eligible for ENGL 015 as determined by SBVC assessment process

Catalog Description: This course provides a general survey of United States history with an emphasis on political, economic, social, and cultural developments from the pre-Colonial period through the Civil War and Reconstruction period.

Schedule Description: This course provides a general survey of United States history with an emphasis on political, economic, social, and cultural developments from the pre-Colonial period through the Civil War and Reconstruction period.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
HIST 101	UNITED STATES HISTORY: 1865 TO PRESENT

Departmental Advisory: Eligible for ENGL 015 as determined by SBVC assessment process

Catalog Description: This course covers a general survey of United States history with an emphasis on social, political, cultural and economic developments from the Reconstruction period to present times.

Schedule Description: This course covers a general survey of United States history with an emphasis on social, political, cultural, and economic developments from the Reconstruction period to present times.

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

MODIFIED COURSES

COURSE ID	COURSE TITLE
HIST 107	THE UNITED STATES AND THE NORTH AMERICAN INDIANS

Catalog Description: This course is a history of Native Americans in the region of current day United States from the time preceding European colonialism through the 21st century.

Schedule Description: This course is a history of Native Americans in the region of current day United States from the time preceding European colonialism through the 21st century.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
HIST 110	INTRODUCTION TO SERRANO CULTURAL STUDIES

Course Title: History of the Serrano People

Departmental Advisory: Eligible for ENGL 015 as determined by SBVC assessment process

Catalog Description: This course provides a general historical overview of Serrano people. This course covers studies and research in Serrano history, as well as archeology, linguistics, and ethnography. Relationships with other Native Americans and European people as influences will also be explored.

Schedule Description: This course provides a general historical overview of Serrano people. This course covers studies and research in Serrano history, as well as archeology, linguistics, and ethnography. Relationships with other Native Americans and European people as influences will also be explored.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
HIST 137	RACIAL AND ETHNIC GROUPS IN UNITED STATES HISTORY

Departmental Advisory: Eligible for ENGL 015 as determined by SBVC assessment process

Catalog Description: This course is an introduction to United States history focusing on the experiences of racial and ethnic groups that spans from the early colonial period to present times. This course chronologically presents various racial and ethnic groups and their experiences through major social, political, economic, and cultural events in United States history.

Schedule Description: This course is an introduction to United States history focusing on the experiences of racial and ethnic groups that spans from the early colonial period to present times. This course chronologically presents various racial and ethnic groups and their experiences through major social, political, economic, and cultural events in United States history.

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

MODIFIED COURSES

COURSE ID	COURSE TITLE
HIST 138	AFRICAN-AMERICAN HISTORY I

Course Title: African-American History to 1877

Departmental Advisory: Eligible for ENGL 015 as determined by SBVC assessment process

Catalog Description: As a general survey of African-American history to 1877, this course will analyze and detail the creation and development of African-American culture. This course examines key historical events and movements, such as the Atlantic slave trade, colonial and antebellum slavery, slave resistance, and the role of Free Blacks.

Schedule Description: As a general survey of African-American history to 1877, this course will analyze and detail the creation and development of African-American culture. This course examines key historical events and movements, such as the Atlantic slave trade, colonial and antebellum slavery, slave resistance, and the role of Free Blacks.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
HIST 171	WORLD CIVILIZATIONS SINCE 1492

Course Title: World History Since 1500

Departmental Advisory: Eligible for ENGL 015 as determined by SBVC assessment process

Catalog Description: This course emphasizes the unique characteristics of world cultures as they entered into a critical period of increasing interaction. Specific themes include religion, economic and political revolution, the development of modern science, industrialism, imperialism, colonization and de-colonization, the rise and fall of superpowers, and the challenges of globalization.

Schedule Description: This course emphasizes the unique characteristics of world cultures as they entered into a critical period of increasing interaction. Specific themes include religion, economic and political revolution, the development of modern science, industrialism, imperialism, colonization and de-colonization, the rise and fall of superpowers, and the challenges of globalization.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
INSPEC 011B	FUNDAMENTALS OF CONSTRUCTION INSPECTION II: CONCRETE AND ASPHALT

Catalog Description: This course is a basic study of concrete and asphalt including cements, aggregates, admixtures, job and batch control, properties of concrete, finishing, curing, and reinforcing.

Schedule Description: This course is a basic study of concrete and asphalt including cements, aggregates, admixtures, job and batch control, properties of concrete, finishing, curing, and reinforcing. It is designed for construction inspectors, plan examiners and building officials.

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

MODIFIED COURSES

COURSE ID	COURSE TITLE
INSPEC 012B	FUNDAMENTALS OF CONSTRUCTION INSPECTION III: WOOD, STEEL, MASONRY

Catalog Description: This course is a basic study of structures, including wood, steel, and masonry construction, building occupancies, construction and separations, acoustics and sound control.

Schedule Description: This course is a basic study of structures, including wood, steel, and masonry construction, building occupancies, construction and separations, acoustics and sound control.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
INSPEC 026D	NON-STRUCTURAL PLAN REVIEW

Catalog Description: This course provides training in the application of the International Building Code to construction drawings, including legal requirements for non-structural plan review, local, State, and Federal laws applicable to construction drawings, and the use of plan reviews as a first step in performing consistent and thorough inspections.

Schedule Description: This course provides training in the application of the International Building Code to construction drawings.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
LIB 062	CARE AND REPAIR OF LIBRARY MATERIALS

Catalog Description: This course provides the basic, hands-on techniques used in the binding, repair, and care of printed library materials.

Schedule Description: This course provides the basic, hands-on techniques used in the binding, repair, and care of printed library materials.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
LIB 064	INTRODUCTION TO LIBRARIES FOR LIBRARY TECHNICIANS

Catalog Description: This course is an introduction to the philosophy of library services; the history and types of libraries; the relationship of a library to the community it serves; the organizational structure of libraries; the role of the Library Technician; and the development of a positive workplace attitude.

Schedule Description: This course is an introduction to the philosophy of library services; the history and types of libraries; the relationship of a library to the community it serves; the organizational structure of libraries; the role of the Library Technician; and the development of a positive workplace attitude.

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

MODIFIED COURSES

COURSE ID	COURSE TITLE
LIB 065	PUBLIC SERVICES FOR LIBRARY TECHNICIANS

Catalog Description: This course is an introduction to library circulation systems, customer service skills, bibliographic instruction, shelf maintenance, image in public service, dealing with problem patrons, and basic reference skills, including a review of standard print and computer-based reference sources and their usage.

Schedule Description: This course is an introduction to library circulation systems, customer service skills, bibliographic instruction, shelf maintenance, image in public service, dealing with problem patrons, and basic reference skills, including a review of standard print and computer-based reference sources and their usage.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
LIB 066	ACQUISITIONS FOR LIBRARY TECHNICIANS

Catalog Description: This course is an introduction to the publishing industry, principles of collection development, bibliographic searching, acquisitions tools and techniques, accounting and budgeting principles. Also included is an overview of ordering, receiving, claiming procedures, and weeding.

Schedule Description: This course is an introduction to the publishing industry, principles of collection development, bibliographic searching, acquisitions tools and techniques, accounting and budgeting principles. Also included is an overview of ordering, receiving, claiming procedures, and weeding.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
LIB 067	LIBRARY TECHNICAL SERVICES

Catalog Description: This class is an introduction to descriptive and subject cataloging. It includes classification of materials using the Dewey Decimal and Library of Congress systems, preparation of catalog cards and computer database records, and use of electronic bibliographic utilities.

Schedule Description: This class is an introduction to descriptive and subject cataloging. It includes classification of materials using the Dewey Decimal and Library of Congress systems, preparation of catalog cards and computer database records, and use of electronic bibliographic utilities.

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

MODIFIED COURSES

COURSE ID	COURSE TITLE
LIB 068	LIBRARY MEDIA SERVICES

Catalog Description: This course provides an overview of a wide variety of media services within a library setting ranging from the more traditional formats of film and video to the more recent compact disc technologies, digital audio, digitized video, telecommunications, and hypermedia.

Schedule Description: This course provides an overview of a wide variety of media services within a library setting ranging from the more traditional formats of film and video to the more recent compact disc technologies, digital audio, digitized video, telecommunications, and hypermedia.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
LIB 069	LIBRARY AUTOMATION FOR LIBRARY TECHNICIANS

Departmental Advisory: LIB 065

Catalog Description: This class is an introduction to the application and integration of computer systems in libraries. Students will be exposed to a variety of computer applications, including online public access catalogs and automated circulation and cataloging systems. In addition, students will gain knowledge of Web 2.0 applications and emerging technology that could be used in libraries.

Schedule Description: This class is an introduction to the application and integration of computer systems in libraries. Students will be exposed to a variety of computer applications, including online public access catalogs and automated circulation and cataloging systems. In addition, students will gain knowledge of Web 2.0 applications and emerging technology that could be used in libraries.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
LIB 098	LIBRARY WORK EXPERIENCE

Course ID: LIB 098

Course Title: Library Technology Work Experience

Work Experience: 5.00 - 20.00

Catalog Description: Supervised training, in the form of on the job employment will enhance the student's knowledge in the selected field of study. The student's major and job must match. Students work 5-20 hours per week to earn units using the following formula: For paid work, 75 hours = 1 unit; for volunteer work 60 hours = 1 unit. Students may earn a total of 16 units toward graduation in Work Experience 098 courses. Students MUST be working for pay or volunteer before registering for a Work Experience class. NOTE: Only one section of Work Experience may be taken during a semester. (Formerly LIB 198)

Schedule Description: Supervised training, in the form of on the job employment will enhance the student's knowledge in the selected field of study. The student's major and job must match. Students work 5-20 hours per week to earn units using the following formula: For paid work, 75 hours = 1 unit; for volunteer work 60 hours = 1 unit. Students may earn a total of 16 units toward graduation in Work Experience 098 courses. Students MUST be working for pay or volunteer before registering for a Work Experience class. NOTE: Only one section of Work Experience may be taken during a semester. (Formerly LIB 198)

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

MODIFIED COURSES

COURSE ID	COURSE TITLE
LIB 110	INFORMATION LITERACY

Lecture: 1 contact hour(s) per week
16 - 18 contact hours per semester

Laboratory: None

Catalog Description: This is an introductory course covering the skills needed to effectively access library and online information sources, to critically evaluate the information retrieved, and to practice ethical behavior in regard to information technology.

Schedule Description: This is an introductory course covering the skills needed to effectively access library and online information sources, to critically evaluate the information retrieved, and to practice ethical behavior in regard to information technology.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
REFRIG 001x3	REFRIGERATION I

Course ID: REFRIG 001

Catalog Description: This course covers basic principles of refrigeration, refrigerants, refrigeration components and tools; repair and testing of refrigeration units; and basic brazing and soldering. (Formerly REFRIG 001x3)

Schedule Description: This course covers basic principles of refrigeration, refrigerants, refrigeration components and tools; repair and testing of refrigeration units; and basic brazing and soldering. (Formerly REFRIG 001x3)

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
REFRIG 002x3	REFRIGERATION II

Course ID: REFRIG 002

Prerequisite: REFRIG 001

Catalog Description: This course covers principles of refrigeration compression systems, operations and controls, refrigeration and freezer construction, piping and parts layout. Included in the lab work is troubleshooting and servicing domestic refrigeration units. (Formerly REFRIG 002x3)

Schedule Description: This course covers principles of refrigeration compression systems, operations and controls, refrigeration and freezer construction, piping and parts layout. Included in the lab work is troubleshooting and servicing domestic refrigeration units. (Formerly REFRIG 002x3)

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

MODIFIED COURSES

COURSE ID	COURSE TITLE
REFRIG 003x3	REFRIGERATION III

Course ID: REFRIG 003

Prerequisite: REFRIG 001

Catalog Description: This course covers theory of compressor construction and operation, principles of all types of refrigerant controls and multi-stage control devices pertaining to commercial and industrial refrigeration including practical lab work. (Formerly REFRIG 003x3)

Schedule Description: This course covers theory of compressor construction and operation, principles of all types of refrigerant controls and multi-stage control devices pertaining to commercial and industrial refrigeration including practical lab work. (Formerly REFRIG 003x3)

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
REFRIG 004x3	REFRIGERATION ELECTRICITY I

Course ID: REFRIG 004

Catalog Description: This course covers fundamentals of direct and alternating current circuits, test equipment, electric motors of all types, wiring and control devices used in modern refrigeration equipment including practical lab work with electrical refrigeration trainers and projects.(Formerly REFRIG 004x3)

Schedule Description: This course covers fundamentals of direct and alternating current circuits, test equipment, electric motors of all types, wiring and control devices used in modern refrigeration equipment including practical lab work with electrical refrigeration trainers and projects. (Formerly REFRIG 004x3)

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
REFRIG 005x3	REFRIGERATION ELECTRICITY II

Course ID: REFRIG 005

Prerequisite: REFRIG 004

Catalog Description: This course covers solid state control systems with emphasis on schematic reading and electrical troubleshooting pertaining to refrigeration equipment including practical lab work with electrical refrigeration trainers and projects. (Formerly REFRIG 005x3)

Schedule Description: This course covers solid state control systems with emphasis on schematic reading and electrical troubleshooting pertaining to refrigeration equipment including practical lab work with electrical refrigeration trainers and projects. (Formerly REFRIG 005x3)

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

MODIFIED COURSES

COURSE ID	COURSE TITLE
REFRIG 006x3	AIR CONDITIONING AND HEATING

Course ID: REFRIG 006

Course Title: Air Conditioning and Heating (HVAC)

Prerequisite: REFRIG 001

Catalog Description: This course covers theory of multiple-stage systems and multiple-control devices with emphasis on condensing and evaporation equipment, heavy duty piping layout, forced-air heating, ventilation, and air conditioning including lab work with refrigeration trainers and projects. (Formerly REFRIG 006x3)

Schedule Description: This course covers theory of multiple-stage systems and multiple-control devices with emphasis on condensing and evaporation equipment, heavy duty piping layout, forced-air heating, ventilation, and air conditioning including lab work with refrigeration trainers and projects. (Formerly REFRIG 006x3)

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
SOC 100	INTRODUCTION TO SOCIOLOGY

Catalog Description: This course is a comprehensive examination of the social influences on human behavior focusing on a scientific and humanistic approach to the study of social patterns and processes, structure and function, conflict and change in society and culture in general with emphasis on American institutions in a multi-cultural society and their relationship to global patterns.

Schedule Description: This course is a comprehensive examination of the social influences on human behavior focusing on a scientific and humanistic approach to the study of social patterns and processes, structure and function, conflict and change in society and culture in general with emphasis on American institutions in a multi-cultural society and their relationship to global patterns.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
SOC 100H	INTRODUCTION TO SOCIOLOGY - HONORS

Catalog Description: This course is a comprehensive examination of the social influences on human behavior focusing on a scientific and humanistic approach to the study of social patterns and processes, structure and function, conflict and change in society and culture in general with emphasis on American institutions in a multi-cultural society and their relationship to global patterns. This course is intended for students in the Honors Program, but is open to all students who desire more challenging course work.

Schedule Description: This course is a comprehensive examination of the social influences on human behavior focusing on a scientific and humanistic approach to the study of social patterns and processes, structure and function, conflict and change in society and culture in general with emphasis on American institutions in a multi-cultural society and their relationship to global patterns. This course is intended for students in the Honors Program, but is open to all students who desire more challenging course work.

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

MODIFIED COURSES

COURSE ID	COURSE TITLE
SOC 130	MARRIAGE AND FAMILY

Departmental Advisory: ENGL 015 or eligibility for ENGL 101 as determined by SBVC assessment process.

Catalog Description: This course is a survey of the structure and developmental process of marriage and contemporary families. This analysis includes an examination of intimate relationships, racial-ethnic, class, gender, culture, socioeconomic, political and other systematic and demographic trends related to marriage and the family.

Schedule Description: This course is a survey of the structure and developmental process of marriage and contemporary families. This analysis includes an examination of intimate relationships, racial-ethnic, class, gender, culture, socioeconomic, political and other systematic and demographic trends related to marriage and the family.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
SOC 141	RACE AND ETHNIC RELATIONS

Departmental Advisory: ENGL 015 or eligibility for ENGL 101 as determined by SBVC assessment process.

Catalog Description: This course is an analysis of the major sociological perspectives pertaining to racial and ethnic relations in the United States and globally. There is an emphasis on historical and contemporary trends of these relations in the United States focusing on inter-ethnic and inter-group conflicts.

Schedule Description: This course is an analysis of the major sociological perspectives pertaining to racial and ethnic relations in the United States and globally. There is an emphasis on historical and contemporary trends of these relations in the United States focusing on inter-ethnic and inter-group conflicts.

Effective Date: FA10

Rationale: Content Review

COURSE ID	COURSE TITLE
SOC 145	SOCIOLOGY OF GENDER

Departmental Advisory: ENGL 015 or eligibility for ENGL 101 as determined by the SBVC assessment process

Catalog Description: This course is a study of the changing roles of women and men in contemporary United States. A sociological and humanistic approach will be utilized to analyze gender socialization and relations with an emphasis on gender in major social institutions: economic, political, mass media, medical, educational, religious and family structures with some comparisons to global contemporary trends.

Schedule Description: This course is a study of the changing roles of women and men in contemporary United States. A sociological and humanistic approach will be utilized to analyze gender socialization and relations with an emphasis on gender in major social institutions: economic, political, mass media, medical, educational, religious and family structures with some comparisons to global contemporary trends.

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

MODIFIED COURSES

COURSE ID	COURSE TITLE
SOC 150	INTRODUCTION TO GERONTOLOGY: SOCIAL ASPECTS OF AGING

Course Title: Sociology of Aging and the Life Course

Departmental Advisory: ENGL 015 or eligibility for ENGL 101 as determined by SBVC assessment process.

Catalog Description: This course is an analysis of the interaction between the human life course and social structures with an emphasis on aging as a social process including adjustment to aging among individuals, families, generational cohorts and society. Historical, cultural, socioeconomic, political, other social contexts and public policy issues such as healthcare, housing and retirement in the United States will also be examined.

Schedule Description: This course is an analysis of the interaction between the human life course and social structures with an emphasis on aging as a social process including adjustment to aging among individuals, families, generational cohorts and society. Historical, cultural, socioeconomic, political, other social contexts and public policy issues such as healthcare, housing and retirement in the United States will also be examined.

Effective Date: FA10

Rationale: Content Review

DISTRIBUTED EDUCATION

CHEM 104	100% ONLINE	SOC 100	100% ONLINE
GEOG 110	100% ONLINE	SOC 100H	100% ONLINE
GEOL 101	100% ONLINE	SOC 130	100% ONLINE
GIS 130	100% ONLINE	SOC 141	100% ONLINE
HIST 100	100% ONLINE	SOC 145	100% ONLINE
HIST 101	100% ONLINE	SOC 150	100% ONLINE
HIST 137	100% ONLINE		
HIST 171	100% ONLINE		
LIB 062	100% ONLINE		
LIB 064	100% ONLINE		
LIB 065	100% ONLINE		
LIB 066	100% ONLINE		
LIB 067	100% ONLINE		
LIB 068	100% ONLINE		
LIB 069	100% ONLINE		
LIB 098	100% ONLINE		
LIB 110	100% ONLINE		

Effective Date: FA10

Rationale: One of the planning themes of San Bernardino Valley College (SBVC) is access. For career technical courses, the issue of scheduling is crucial. Students working the night shift can only take class in the morning while those working traditional day schedules can only take evening classes. Given these variables and difficult schedules, students need the flexibility of time that an online class affords. An asynchronous online class allows students to study when their schedules allow and where they have the space and materials to do so effectively. The online delivery method of these courses supports the mission of SBVC by providing access to education to a diverse community of learners who find themselves in a community with complicated lives and difficult and demanding schedules and responsibilities

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

DELETED COURSES

ACCT 132X4
ACCT 133X4
ACCT 202
ACCT 206
ACCT 235
ACCT 236
ACCT 237
BUSAD 080
BUSAD 082
BUSAD 083
BUSAD 084
BUSAD 090
BUSAD 091
BUSAD 092
BUSAD 093
BUSAD 094
BUSAD 095
BUSAD 096
BUSAD 097
BUSAD 098
BUSAD 099
BUSAD 109
BUSAD 121
BUSAD 203
ELECTR 222
ELECTR 223
GEOL 100
GIS 150
NURS 021
NURS 190A
NURS 190B
NURS 190C
NURS 191A
NURS 191B
NURS 191C
PSYCH 132
SDEV 901X3
SDEV 902
SDEV 907
TECALC 097

Effective Date: FA10

Rationale: Courses no longer offered.

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

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Geography A.S. Degree Major

The environmental and spatial science of geography examines both physical and cultural landscapes across the Earth. As a spatial science, physical and cultural location and patterns on Earth's surface are central to the study of geography. It includes the study of all forces of nature and the consequences of those forces, with an emphasis on human-environment interactions.

Specifically, geography integrates multiple natural and social sciences and includes: the nature and interactions of the atmosphere and the land, plants and animals, the Earth's waters, weather, climate, the Earth's dynamic surface, landforms and soil, and the way people have inhabited and altered the Earth by creating various forms of agriculture, language, religion, and cities.

Courses in geography fulfill the science requirement for the associate degree, prepare the students for majoring in geography at a four-year institution, and supplement other studies for students interested in careers in environmental studies, education, engineering, urban planning, and architecture. Students planning to transfer to a four-year institution as a geography major should consult with a counselor regarding the transfer process and lower division requirements.

To graduate with a specialization in Geography, students must complete the following required courses plus the general breadth requirements for the Associate Degree (total = 60 units).

REQUIRED COURSES:		Units
GEOG 102	Cultural Geography	3
GEOG 110	Physical Geography	3
GEOG 111	Physical Geography Laboratory	1
or		
GEOG 111H	Physical Geography Laboratory - Honors	1
REQUIRED COURSES: CHOOSE 12 UNITS FROM THE FOLLOWING:		Units
GEOG 106	Geographic Perspectives on the Environment	3
GEOG 114	Weather and Climate	4
GEOG 120	World Regional Geography	3
GIS 130	Introduction to Geographic Information Systems (GPS)	3
GIS 131	GIS Applications	3
GIS 133	GIS Cartography and Base Map Development	3
MATH 108	Introduction to Probability and Statistics	4
RECOMMENDED COURSES:		Units
ECON 100	Introduction to Economics	3
POLIT 100	American Politics	3
SOC 100	Introduction to Sociology	3
or		
SOC 100H	Introduction to Sociology - Honors	3
Total Units		19

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

Inspection Technology A.S. Degree Major

This degree is designed to prepare students for entry-level employment in building inspection. International Conference of Building Officials (ICBO), International Code Councils (ICC), and California Code exams and licenses are covered to prepare students for employments in residential, commercial, and code enforcement. To graduate with a specialization in Inspection Technology, students must complete the following required courses for the certificate plus the general breadth requirements for the Associate of Science Degree (minimum total = 60 units).

REQUIRED COURSES:		Units
INSPEC 010B	Fundamentals of Construction Inspection I: Soils	3
INSPEC 011B	Fundamentals of Construction Inspection II: Concrete and Asphalt	3
INSPEC 012B	Fundamentals of Construction Inspection III: Wood, Steel, Masonry	3
INSPEC 013D	Advanced Construction Inspection: International Building Code (IBC)	3
INSPEC 014D	Advanced Construction Inspection: National Electrical Code (NEC)	3
INSPEC 015D	Advanced Construction Inspection: Uniform Plumbing Code (UPC)	3
INSPEC 016D	Advanced Construction Inspection: Uniform Mechanical Code (UMC)	3
INSPEC 017D	California State Energy Regulations for Residential Buildings	3
INSPEC 018D	California State Energy Regulations for Non- residential Buildings	3
INSPEC 024D	Community Relations for Civil Service Employees	3
INSPEC 025D	Building Inspection for Civil Service Employees: Communication and Enforcement	3
INSPEC 026D	Non-Structural Plan Review	3
<hr/> Total Units		36

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

Library Technology Associate Of Arts Degree A.A. Degree Major

To graduate with a specialization in Library Technology, students must complete 18 units from the following list of courses plus the general breadth requirements for the Associate Degree (minimum 60 units).

REQUIRED COURSES:		Units
ENGL 055	Children's Literature	3
	or	
ENGL 155 **	Children's Literature	3
LIB 062	Care and Repair of Library Materials	1
LIB 064	Introduction to Libraries for Library Technicians	1
LIB 065	Public Services for Library Technicians	3
LIB 066	Acquisitions for Library Technicians	3
LIB 067	Library Technical Services	3
LIB 068	Library Media Services	2
LIB 069 *	Library Automation for Library Technicians	2

RECOMMENDED COURSES:		Units
LIB 110	Information Literacy	1

Total Units	19
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* *or any other hands-on college-level computer course*

** *or any other college-level literature course*

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

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Refrigeration And Air Conditioning (HVAC) A.S. Degree Major

To graduate with a specialization in Refrigeration and Air Conditioning, students must complete all requirements for the certificate with a grade of C or better plus the general breadth requirements for the Associate of Science Degree (minimum total = 60 units).

REQUIRED COURSES:		Units
REFRIG 001	Refrigeration I	4
REFRIG 002	Refrigeration II	4
REFRIG 003	Refrigeration III	4
REFRIG 004	Refrigeration Electricity I	4
REFRIG 005	Refrigeration Electricity II	4
REFRIG 006	Air Conditioning and Heating (HVAC)	4
REFRIG 007	Refrigeration Welding	3
TECALC 087	Technical Calculations	4
or		
MATH 095	Intermediate Algebra	4
Environmental Protection Agency (EPA) Universal Certification (608)		0

RECOMMENDED COURSE: Students are encouraged to take this course to augment their knowledge of air conditioning and heating:		Units
AUTO056	Automotive Heating and Air Conditioning	4

Total Units	31
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Effective Date: FA10

Rationale: Replace WELD 023 with a new specific welding course aimed at refrigeration applications, REFRIG 007 Refrigeration Welding, per Advisory Committee's recommendation.

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

GIS for Water Distribution Management Certificate

Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select. The GIS for Water Distribution Management Certificate prepares students to work as a GIS Technical Analyst in a water utility company.

		Units
ARCH 120	Introduction to Computer Aided Drafting	4
BUSAD 207	Business Communication	3
	or	
CIT 031	Business English	3
	or	
ENGL 015	Preparation for College Writing	4
	or	
eligibility for ENGL 101 as determined by SBVC assessment process		
CIT 101	Introduction to Computer Literacy	3
	or	
CIT 102	Advanced Computer Literacy	3
GIS 130	Introduction to Geographic Information Systems	3
GIS 131	GIS Applications	3
GIS 135	Spatial Analysis with GIS	3
GIS 098	GIS Work Experience	1 - 4
	or	
GIS 039	Global Positioning Systems (GPS) Field Techniques	1
WST 052	Water Technology Math	3
	or	
WST 052A	Water Technology Math I	1
	and	
WST 052B	Water Technology Math II	1
	and	
WST 052C	Water Technology Math III	1
	or	
eligibility for MATH 090 as determined by SBVC assessment process		
WST061	Water Distribution I	3
Total Units		20 - 30

Effective Date: FA10

Rationale: Currently the water utility industry hires GIS specialists and then provide them with in-house training to work in the water distribution field. This program would benefit the students and the utility companies. This data is based on information provided by the Advisory Board.

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

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General Electrician Certificate

Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select. This certificate will allow an "Electrician Trainee" to sit for the California State General Electrician Certification examination. These courses also satisfy the continuing education requirement every three years for certified electricians.

REQUIRED COURSES:		Units
ELEC 090	OSHA 30-Hour Safety Standards: Construction and Industry	2
ELEC 216C	Introduction to Industrial Electricity	4
ELEC 217C	Industrial Electricity	4
ELEC 218C	Controlling Industrial Electricity	4
ELECTR 110	Direct Current Circuit Analysis	3
ELECTR 111	Direct Current Circuit Laboratory	1
ELECTR 115	Alternating Current Circuit Analysis	3
ELECTR 116	Alternating Current Circuit Laboratory	1
ELECTR 230	Semiconductor Devices	3
ELECTR 235	Solid State Circuit Analysis	4
ELECTR 265	Digital Logic Design	4
INSPEC 014D	Advanced Construction Inspection: National Electrical Code (NEC)	3
INSPEC 024D	Community Relations for Civil Service Employees	3
PE 231	First Aid and CPR	3
TECALC 087	Technical Calculations	4
<hr/> Total Units		46

Effective Date: FA10

Rationale: Adding ELEC 100 - OSHA 30-Hour Safety Standards: Construction and Industry, which is required by the Career and Technical Education Unit in the California Community Colleges Chancellor's Office to help assure that all electrician trainees learn the same safety curriculum and meet OSHA competency criteria.

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

Geographic Information Systems Certificate

Students working for certificates must have a basic knowledge of geographic and cartographic principles, arithmetic, reading, and writing in order to learn and work in the occupations they select. This certificate is designed to prepare students for entry-level employment in Geographic Information Systems (GIS) and automated mapping technology, utilizing Earth resources data satellites, aerial photography, and computerized data banks of spatial data.

REQUIRED COURSES:

		Units
GIS 130	Introduction to Geographic Information Systems (GPS)	3
GIS 131	GIS Applications	3
GIS 133	GIS Cartography and Base Map Development	3
GIS 135	Spatial Analysis with GIS	3
GIS 136	GIS for Science, Government, and Business	3
	or	
GIS 137	GIS Advanced Applications	3
GIS 039	Global Positioning Systems (GPS) Field Techniques	1
	or	
GIS 098	GIS Work Experience	1 - 4

RECOMMENDED COURSES:

		Units
ARCH 120	Introduction to Computer Aided Drafting	4
CIT 101	Introduction to Computer Literacy	3
GEOG 110	Physical Geography	3
GEOL 101	Introduction to Physical Geology	3

Total Units	16 - 19
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Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

Inspection Technology Certificate

Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select. This certificate is designed to prepare students for entry-level employment in construction inspection, International Conference of Building Officials (ICBO) and International Code Councils (ICC) exams and licenses for construction, alteration, or repair of buildings and other structures to ensure compliance with building codes and ordinances, zoning regulations, and contract specifications.

REQUIRED COURSES:

		Units
INSPEC 010B	Fundamentals of Construction Inspection I: Soils	3
INSPEC 011B	Fundamentals of Construction Inspection II: Concrete and Asphalt	3
INSPEC 012B	Fundamentals of Construction Inspection III: Wood, Steel, Masonry	3
INSPEC 013D	Advanced Construction Inspection: International Building Code (IBC)	3
INSPEC 014D	Advanced Construction Inspection: National Electrical Code (NEC)	3
INSPEC 015D	Advanced Construction Inspection: Uniform Plumbing Code (UPC)	3
INSPEC 016D	Advanced Construction Inspection: Uniform Mechanical Code (UMC)	3
INSPEC 017D	California State Energy Regulations for Residential Buildings	3
INSPEC 018D	California State Energy Regulations for Non- residential Buildings	3
INSPEC 024D	Community Relations for Civil Service Employees	3
INSPEC 025D	Building Inspection for Civil Service Employees: Communication and Enforcement	3
INSPEC 026D	Non-Structural Plan Review	3
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Total Units		36

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

Library Technology Certificate

Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select. This certificate is designed to prepare students for entry-level employment in a library, assisting librarians to acquire, prepare, and organize material, and/or assisting users in finding information. In some cases, such as in small branch or school libraries, library technicians may perform any or all of these tasks on their own.

REQUIRED COURSES:		Units
CIT 010 ^{**}	Beginning Keyboarding	3
ENGL 055	Children's Literature	3
	or	
ENGL 155 ^{***}	Children's Literature	3
LIB 062	Care and Repair of Library Materials	1
LIB 064	Introduction to Libraries for Library Technicians	1
LIB 065	Public Services for Library Technicians	3
LIB 066	Acquisitions for Library Technicians	3
LIB 067	Library Technical Services	3
LIB 068	Library Media Services	2
LIB 069 [*]	Library Automation for Library Technicians	2
LIB 098 ^{****}	Library Technology Work Experience	1 - 4
<hr/> Total Units		22 - 25

** or any other hands-on college-level computer course*

*** or demonstrated ability to type 30 wpm for five minutes*

**** or any other college-level literature course*

*****This requirement may be waived if the student has been employed in a library for at least one year at full-time (or equivalent)*

Effective Date: FA10

Rationale: Content Review

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

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Psychiatric Technology Certificate

Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select. This certificate is designed to prepare students for employment as a Psychiatric Technician, providing care and participating in the treatment of mentally and developmentally disabled clients. Learning activities are conducted on the college campus and a variety of community agencies. The curriculum prepares students to take the California Psychiatric Technician license examination. The Psychiatric Technology program is accredited by the California Board of Vocational Nursing and Psychiatric Technicians.

Students must complete program prerequisites, apply, and be accepted into the Psychiatric Technology program. To enroll in the program, students must pass a background check and meet health requirements. The California Board of Vocational Nursing and Psychiatric Technicians may deny a license based on any conviction or action substantially related to Psychiatric Technician practice.

PREREQUISITES FOR THE PSYCHIATRIC TECHNOLOGY PROGRAM

- A. High school completion (official transcript or Diploma or G.E.D., AA Degree, BS Degree, or foreign graduate that has been evaluated by AERC (American Educational Research Corporation), or IERF (International Education Research Foundation), or World Education Services.
- B. Reading Proficiency: complete READ 015 with a grade of C or higher, or eligibility for READ 100 or higher as determined by assessment test, or previous college degree
- C. Mathematics Proficiency: complete MATH 090 or higher with a grade of C or higher or eligibility for MATH 095 or higher as determined by assessment, or previous college degree.
- D. Complete the following courses with a grade of C or higher:
 1. Anatomy and Physiology, BIOL 155
 2. Freshman Composition ENGL 101 or ENGL 101H
 3. General Psychology, PSYCH 100 or PSYCH 100H
 4. Note: BIOL 155 and PSYCH 100 must be completed within 5 years of application to the program. Foreign transcripts must be evaluated for equivalency by an approved agency. See program Director/Department Chair.

APPLICATION TO THE PSYCHIATRIC TECHNOLOGY PROGRAM

Applications and supporting documents must be submitted by February 1 to be considered for Fall semester entrance or September 1 for Spring semester entrance. Late applications will only be considered if space is available. Submit the following:

- A. Application form (available in the Health Science Division Office, HLS 101, or on-line)
- B. Official transcripts from all colleges attended except SBVC and Crafton Hills College
- C. Document showing high school completion (high school diploma or transcript or G.E.D.) or a college degree.
- D. College assessment scores

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Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

ACCEPTANCE PROCEDURE

Applications are evaluated according to program prerequisites. Applicants who meet all program prerequisites will be considered for acceptance, depending on space availability and date of application. Applicants will be notified in writing of their application status.

To earn a certificate in Psychiatric Technology, complete each of the following courses with a grade of C or higher.

REQUIRED COURSES:

		Units
PSYTCH 084	Introduction to Psychiatric Technology	17
PSYTCH 085	Psychiatric Technology: Nursing Science	12
PSYTCH 086	Introduction to Psychiatric Technology: Behavioral Science	17

Total Units

46

Effective Date: FA10

Rationale: In consultation with faculty and clinical facility staff, there is a concern that the students lack skills to safely calculate medication doses and complete adequate documentation reporting of patients' behaviors and outcomes of interventions. This has become critical in the licensing process of the facilities that employ our students. At our most recent advisory meeting, March 15th, this was discussed. The facilities are having to re-instruct students on these basic skills. Consequently we are raising the math and English requirements.

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

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Refrigeration And Air Conditioning (HVAC) Certificate

Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select. This certificate is designed to prepare students with the necessary knowledge and skills to obtain entry-level employment in the field of refrigeration and air conditioning, installing, maintaining, and repairing such systems.

REQUIRED COURSES:

		Units
REFRIG 001	Refrigeration I	4
REFRIG 002	Refrigeration II	4
REFRIG 003	Refrigeration III	4
REFRIG 004	Refrigeration Electricity I	4
REFRIG 005	Refrigeration Electricity II	4
REFRIG 006	Air Conditioning and Heating (HVAC)	4
REFRIG 007	Refrigeration Welding	3
TECALC 087	Technical Calculations	4
or		
MATH 095	Intermediate Algebra	4
Environmental Protection Agency (EPA) Universal Certification (608)		0

RECOMMENDED COURSE: Students are encouraged to take this course to augment their knowledge of air conditioning and heating:

		Units
AUTO056	Automotive Heating and Air Conditioning	4

Total Units		31
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Effective Date: FA10

Rationale: Replace WELD 023 with a new specific welding course aimed at refrigeration applications, REFRIG 007 Refrigeration Welding, per Advisory Committee's recommendation.

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

Government and Non-Profit Accounting Certificate

Effective Date: FA10

Rationale: Certificate courses are no longer offered.

Tax Preparer's Certificate

Effective Date: FA10

Rationale: Without the VITA program, the certificate does not qualify students for a position or lead to state certification.

Curriculum Meetings: 10-12-09; 10-26-09; 11-09-09

Conjoint Meeting: 11-13-09

Board of Trustees Meeting: December 10, 2009

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