

SAN BERNARDINO COMMUNITY COLLEGE DISTRICT

TO: Board of Trustees
FROM: Bruce Baron, Chancellor
REVIEWED BY: Dr. Debra S. Daniels, President, SBVC
PREPARED BY: Dr. Larry Buckley, Vice President, Instruction SBVC
DATE: November 17, 2011
SUBJECT: Consideration of Approval of Curriculum - SBVC

RECOMMENDATION

It is recommended that the Board of Trustees approve the SBVC curriculum modifications.

OVERVIEW

The courses, certificates and degrees at SBVC are continually being revised and updated to reflect and meet student needs.

ANALYSIS

These courses, certificates and degrees have been approved by the Curriculum Committee of the Academic Senate and will be included in the 2012-2013 College Catalog.

BOARD IMPERATIVE

II. Learning Centered Institution for Student Access, Retention and Success

FINANCIAL IMPLICATIONS

None

SAN BERNARDINO VALLEY COLLEGE
SUBMITTED FOR BOARD OF TRUSTEE APPROVAL
November 17, 2011

NEW COURSES

Department: Psychology
Course ID: PSYCH 101
Course Title: INTRODUCTION TO RESEARCH METHODS
Prerequisite: PSYCH 100 or PSYCH 100H
Departmental Advisories: PSYCH 105 and ENGL 015 or eligibility for ENGL 101 or ENGL 101H as determined through the SBVC assessment process
Catalog Description: This course focuses on various research methods primarily used in the social sciences including such topics as research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation and reporting of research data.
Schedule Description: This course focuses on research designs and methods used in the social sciences including such topics as descriptive and experimental research designs and methods.

Effective Date: FA12

Equate: SBVC PSYCH 101 and CHC PSYCH 101

Rationale: As the scientific study of behavior, psychology requires objective and precise use of empirical data. Most upper division classes in psychology and other social sciences now require students to do original research. This course updates the psychology curriculum which is one of the goals for psychology in the Educational Master Plan.

MODIFY COURSES

COURSE ID	COURSE TITLE
ADJUS 102	PRINCIPLES AND PROCEDURES OF THE JUSTICE SYSTEM

Catalog Description: This course provides an examination and analysis of due process in criminal proceedings, from pre-arrest through trial and appeal, utilizing statutory, state and constitutional precedents.

Schedule Description: This course provides an examination and analysis of due process in criminal proceedings, from pre-arrest through trial and appeal, utilizing statutory, state and constitutional precedents.

Effective Date: FA12

Rationale: Content Review

COURSE ID	COURSE TITLE
ADJUS 105	COMMUNITY RELATIONS

Catalog Description: This course examines the complex and dynamic relationship between communities and the justice system in addressing crime and conflict with an emphasis on the challenges of administering justice within a diverse multicultural population. Topics include the consensus and conflicting values in culture, religion, and the law.

Schedule Description: This course examines the complex and dynamic relationship between communities and the justice system serving a multicultural population.

Effective Date: FA12

Rationale: Content Review

Curriculum Meetings: 10-03-11; 10-17-11

Conjoint Meeting: 10-24-11

Board of Trustees Meeting: November 17, 2011

MODIFY COURSES

COURSE ID	COURSE TITLE
ART 145	GRAPHIC DESIGN

Course Title: Fundamentals of Graphic Design

Catalog Description: This course focuses on visual communication, the design process, and creative problem solving in a digital environment. Students explore the creative potential of computer technology and design software, and learn to design, analyze, discuss, and present work in a professional manner.

Schedule Description: This course focuses on visual communication, the design process, and creative problem solving in a digital environment.

Effective Date: FA12

Rationale: Content Review

COURSE ID	COURSE TITLE
ART 175x4	SCULPTURE

Catalog Description: This course is a progressive study of the fundamentals of sculpture with a focus on techniques of three-dimensional composition, spatial relationships, and imagery. Topics Include armature building, plaster mold making, and experiments with various materials such as clay, wood, plaster, and Styrofoam. This course may be taken four times.

Schedule Description: This course is a progressive study of the fundamentals of sculpture with a focus on techniques of three-dimensional composition, spatial relationships, and imagery including armature building and plaster mold making. This course may be taken four times.

Effective Date: FA12

Rationale: Content Review

COURSE ID	COURSE TITLE
ART 180	BEGINNING COMPUTER ANIMATION

Course Title: Beginning 3D Computer Animation

Departmental Advisories: ART 120 and ART 124X4 and ART 148

Catalog Description: This course focuses on beginning techniques in 3D animation. Students are introduced to 3D design, rendering, key frame animation, and lighting.

Schedule Description: This course focuses on beginning techniques in 3D animation. Students are introduced to 3D design, rendering, key frame animation, and lighting.

Effective Date: FA12

Rationale: Content Review

Curriculum Meetings: 10-03-11; 10-17-11

Conjoint Meeting: 10-24-11

Board of Trustees Meeting: November 17, 2011

MODIFY COURSES

COURSE ID	COURSE TITLE
ART 212x4	CERAMICS

Catalog Description: This course is a progressive study of the fundamentals of ceramics. Topics include hand-building techniques, use of the potter's wheel, and methods of decorating and glazing. Students produce cylinders, bottles, vases, bowls, plates, lids, and vessels with handles. This course may be taken four times.

Schedule Description: This course is a progressive study of the fundamentals of ceramics. Topics include hand-building techniques, use of the potter's wheel, and methods of decorating and glazing. Students produce cylinders, bottles, vases, bowls, plates, lids, and vessels with handles. This course may be taken four times.

Effective Date: FA12

Rationale: Content Review

COURSE ID	COURSE TITLE
ART 240x4	GLASSBLOWING

Catalog Description: This course is a progressive study of glass working techniques, including designing and producing vessel and sculptural forms in hot glass. Emphasis is on exploration of color, hot applications, team work, repeatable forms, sandblasting, cold working/fabrications, and non-conventional methods. This course may be taken four times.

Schedule Description: This course is progressive study of glass working techniques, including designing and producing vessel and sculptural forms in hot glass. Emphasis is on exploration of color, repeatable forms, sandblasting, and non-conventional methods. This course may be taken four times.

Effective Date: FA12

Rationale: Content Review

COURSE ID	COURSE TITLE
ART 270x4	DESIGN IN GLASS

Catalog Description: This course is a progressive study of glass-working techniques. Topics include designing and producing functional, decorative, and sculptural forms in kiln-fired glass; composition in two dimensions using fusion/lamination of colored glass elements; shallow relief slumping; three-dimensional relief using molds; and solid glass casting such as pate de verre, lost wax, and sand casting. This course may be taken four times.

Schedule Description: This course is a progressive study of glass-working techniques, including kiln-fired glass; shallow relief slumping; three-dimensional relief using molds; and solid glass casting. This course may be taken four times.

Effective Date: FA12

Rationale: Content Review

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MODIFY COURSES

COURSE ID	COURSE TITLE
BIOL 270	MICROBIOLOGY

Departmental Advisories: ENGL 101 or ENGL 101H

Prerequisites: BIOL 250 or BIOL 260 or BIOL 290 or BIOL 201 and CHEM 101

Catalog Description: This course is a formal introduction to the fundamental principles of microbiology and immunology. Attention is given to the morphology, control, metabolism and genetics of microorganisms. Emphasis is placed on the pathogenesis of and immunity to infectious diseases.

Schedule Description: This course is a formal introduction to the principles of microbiology and immunology. The pathogenesis of and immunity to infectious diseases are discussed.

Effective Date: FA12

Rationale: Content Review

COURSE ID	COURSE TITLE
BIOL 290	BIOTECHNOLOGY I

Prerequisites: BIOL 012 and CHEM 101 and ENGL 101 or ENGL 101H

Catalog Description: This course will focus on basic principles of cellular and molecular biology and laboratory methods utilized in the biotechnology industry. Students will learn the foundations of lab safety, good manufacturing practices (GMP) documentation, skills in the maintenance and calibration of basic lab equipment, calculation and preparation of laboratory solutions and principles of separation of cellular components and macromolecules.

Schedule Description: This course will focus on basic principles of cellular and molecular biology as it relates to biotechnology and laboratory methods utilized in the biotechnology industry.

Effective Date: FA12

Rationale: Content Review

COURSE ID	COURSE TITLE
BUSAD 222	INDEPENDENT STUDY IN BUSINESS ADMINISTRATION

Catalog Description: Students with previous course work in Business Administration may do assigned projects involving research and analysis of selected topics. This independent study is for students who are interested in furthering their knowledge of Business Administration. Prior to registration, a written contract must be prepared jointly by the instructor and the student. See instructor for details.

Schedule Description: Students with previous course work in Business Administration may do assigned projects involving research and analysis of selected topics. This independent study is for students who are interested in furthering their knowledge of Business Administration. Prior to registration, a written contract must be prepared jointly by the instructor and the student. See instructor for details.

Effective Date: FA12

Rationale: Content Review

Curriculum Meetings: 10-03-11; 10-17-11

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MODIFY COURSES

COURSE ID	COURSE TITLE
ENGR 265	ENGINEERING MECHANICS - STATICS

Catalog Description: This is a foundation course in many branches of engineering. Some of the topics covered are two and three dimensional equilibrium of particles and rigid bodies, analysis of frames, machines, trusses, non-coplanar force systems, and the principles of friction.

Schedule Description: This is a foundation course in many branches of engineering. Some of the topics covered are two and three dimensional equilibrium of particles and rigid bodies, analysis of frames, machines, trusses, non-coplanar force systems, and the principles of friction.

Effective Date: FA12

Rationale: Content Review

COURSE ID	COURSE TITLE
PE 210	SPORTS OFFICIATING

Catalog Description: This course is designed to provide instruction on the rules, techniques, and mechanics of officiating the sports of soccer, football, basketball, and baseball.

Schedule Description: This course is designed to provide instruction on the rules, techniques, and mechanics of officiating the sports of soccer, football, basketball, and baseball.

Effective Date: FA12

Rationale: Content Review

COURSE ID	COURSE TITLE
PE/I 186x4	ADAPTED PHYSICAL EDUCATION: STRETCHING AND STRESS REDUCTION

Catalog Description: This course is designed for students with disabilities. This course includes activities to improve the range of motion for various muscles in the human body. This course also teaches various techniques for stress reduction. A completed adapted physical education participation form may be required prior to participation in this class. This course may be taken four times.

Schedule Description: This course is designed for students with disabilities. This course includes activities to improve the range of motion for various muscles in the human body. This course also teaches various techniques for stress reduction. A completed adapted physical education participation form may be required prior to participation in this class. This course may be taken four times.

Effective Date: FA12

Rationale: Content Review

Curriculum Meetings: 10-03-11; 10-17-11

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MODIFY COURSES

COURSE ID	COURSE TITLE
PE/T 104x4	TEAM SPORTS ACTIVITIES: BASKETBALL

Catalog Description: This course is designed to provide instruction in the skills, techniques, strategies, etiquette and rules of basketball at beginning, low intermediate, high intermediate and advanced levels of performance. Students will improve their overall physical fitness. This course may be taken four times.

Schedule Description: This course is designed to provide instruction in the skills, techniques, strategies, etiquette and rules of basketball at beginning, low intermediate, high intermediate and advanced levels of performance. Students will improve their overall physical fitness. This course may be taken four times.

Effective Date: FA12

Rationale: Content Review

COURSE ID	COURSE TITLE
PE/T 124x4	TEAM SPORTS ACTIVITIES: VOLLEYBALL

Catalog Description: This course is designed to teach the skills, techniques, strategies, etiquette and rules of volleyball at the beginning, low intermediate, high intermediate and advanced levels of performance. Students will also improve their overall physical fitness. This course may be taken four times.

Schedule Description: This course is designed to teach the skills, techniques, strategies, etiquette and rules of volleyball at the beginning, low intermediate, high intermediate and advanced levels of performance. Students will also improve their overall physical fitness. This course may be taken four times.

Effective Date: FA12

Rationale: Content Review

DELETE COURSES

BIOL 252
 BIOL 256
 BIOL 272
 BIOL 276

Effective Date: FA12

Rationale: These courses are no longer offered.

DISTRIBUTED EDUCATION

ADJUS 102 100% ONLINE
 ADJUS 105 100% ONLINE

Effective Date: FA12

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: 10-03-11; 10-17-11

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ESL Integrated Skills - Beginning Certificate

This non-credit program is designed to prepare beginning English language learners with the fundamental speaking, listening, reading and writing skills of the English language. This program will also prepare students with the necessary skills to be successful in the credit-based ESL (English as a second language) courses.

		Units
ESL 620	English Pronunciation	0
ESL 601	ESL Beginning Level 1 - Introduction to Basic English Literacy	0
ESL 602	ESL Beginning Level 2 - English at Home and School	0
ESL 603	ESL Intermediate Level 3 - English for Work and Leisure	0
ESL 604	ESL Advanced Level 4 - English for Work and Education	0
<hr/> Total Units		0

Effective Date: FA12

Rationale: Currently, there is not a program designed to teach English to nonnative speakers of English with minimal to no English language skills. This certificate is intended to provide instruction to this population of students to prepare them for the credit composition based English as a second language classes that this college offers.

CIT – MANAGEMENT INFORMATION SYSTEMS

The Management Information Systems Certificate offers a complete introduction to computers, specific training in selected software packages, advanced courses dealing with networks, and management of computer facilities.

REQUIRED COURSES:

		Units
CIT 101	Introduction to Computer Literacy	3
CIT 114	Spreadsheets: Excel	3
CIT 116	Database Management: Access	3
CIT 150	Office Applications Development	3
CIT 215	Database Management Systems	3
CIT 232	Data Communications and Networks	3
CIT 031	Business English	3
	or	
ENGL 015	Preparation for College Writing	4
	or	
ENGL 101	Freshman Composition	4
	or	
ENGL 101H	Freshman Composition- Honors	4

Choose one course from the following:

		Units
CIT 020	Word Processing: Microsoft Word	3
CIT 102	Advanced Computer Literacy	3
CIT 105	Introduction to Windows	2
CIT 120	Internet	2
CIT 126	Computer Graphics	3

Units

Total Units

23 - 25

Effective Date: FA12

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