

SAN BERNARDINO COMMUNITY COLLEGE DISTRICT

TO: Board of Trustees
FROM: Bruce Baron, Interim Chancellor
REVIEWED BY: Dr. Debra S. Daniels, President, SBVC
PREPARED BY: Dr. Larry Buckley, Vice President, Instruction SBVC
DATE: December 9, 2010
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 and certificates have been approved by the Curriculum Committee of the Academic Senate and will be included in the 2011-2012 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
December 9, 2010

SKILLS CERTIFICATE

Per Section 55070 of Title 5, a Certificate of Achievement is a sequence of courses of 18 semester units or more. The Certificate of Achievement is an educational program which requires the State Chancellor's Office approval and can be posted on the student transcript.

A course sequence consisting of 12 to 18 semester units may also be submitted to the State Chancellor's Office for approval and if approved may be called Certificates of Achievement and can be posted on the student transcript.

Section 55070 also permits community colleges to award certificates for fewer than 18 semester units without approval from the State Chancellor's Office. These low unit certificates not posted on the student transcript. The Curriculum Committee unanimously approved to call these low units certificates (fewer than 18 units) as "Skills Certificates."

NEW COURSES

Course ID: ANTHRO 125

Course Title: Language and Culture

Units: 3

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

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

Catalog Description: This course is an anthropological analysis of the study of linguistics. An examination of topics includes anthropological theories on linguistics, biology, and sociocultural practices that direct the development of language. An emphasis will be placed on the relationship between culture and language, variation and power including verbal and non-verbal communication.

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Effective Date: FA11

Rationale: Similar courses are offered at UCR as LING 20: Language and Linguistics, Cal Poly Pomona as ANT 104: Introduction to Linguistic Anthropology, and CSUF as LING 106: Language and Linguistics. These courses are required lower-division major preparation for Anthropology. ANTHRO 125 is titled "Language and Culture" to draw students who may not understand the meaning of "linguistics"; however, linguistics is embedded in the course descriptor, objectives, and content of the outline. This course is appropriate for CSU GE-Breadth and IGETC.

Curriculum Meetings: 09-27-10; 10-11-10; 10-25-10

Conjoint Meeting: 11-07-10

Board of Trustees Meeting: December 9, 2010

NEW COURSES

Course ID: CHEM 104H

Course Title: Introduction to Organic Chemistry and Biochemistry - **Honors**

Units: 4

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

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

Prerequisite: CHEM 101

Catalog Description: This course is an introduction to the bonding, naming, structure, and chemical and biomolecular properties for different classes of organic compounds and biomolecules, with a focus on their cellular, medicinal and industrial importance. This course is intended for the students in the Honors Program but is open to all students who desire more challenging course work.

Schedule Description: This course is an introduction and general overview of organic chemistry and biochemistry. This course is intended for the students in the Honors Program but is open to all students who desire more challenging course work.

Effective Date: FA11

Rationale: This course would satisfy a requirement for various nursing/Pre-health science related programs as well as fulfill a requirement for graduating with Honors for students already admitted into the Honors Program. The course would also provide university level research experience to the Honors students-reinforcing their newly learned knowledge of introductory organic/biochemistry with a directly applicable organic/biochem research project.

Course ID: SOC 120

Course Title: Health and Illness in Society

Units: 3

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

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

Catalog Description: This course is a sociological analysis of health and illness in society. An examination of topics include the variations in experience of physical and mental health and illness, cultural, political, economic and other societal forces and trends that influence the organization of the medical system. Included in this analysis is the impact of social status on the quality of medical care and demography.

Schedule Description: This course is a sociological analysis of health and illness in society. An examination of topics include the variations in experience of physical and mental health and illness, cultural, political, economic and other societal forces and trends that influence the organization of the medical system. Included in this analysis is the impact of social status on the quality of medical care and demography.

Effective Date: FA11

Rationale: A similar course SOCI 40 Sociology of Health Care Issues is offered as lower-division at UC San Diego. SOC 120 will serve as a general education course, and will be submitted for CSU GE-Breadth and IGETC.

Curriculum Meetings: 09-27-10; 10-11-10; 10-25-10

Conjoint Meeting: 11-07-10

Board of Trustees Meeting: December 9, 2010

NEW COURSES

Course ID: SOC 135
Course Title: Sociology of Crime and Deviance
Units: 3
Lecture: 3 contact hour(s) per week
 48 - 54 contact hours per semester

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

Catalog Description: This course is a sociological analysis of crime and deviance in society with a focus on types of deviant and criminal behaviors and patterns in the United States. An examination of topics includes sociological theories, definition and measurement of crime, cultural values and norms related to deviance, social inequality, criminal justice system, and the methods used to control crime and deviance.

Schedule Description: This course is a sociological analysis of crime and deviance in society with a focus on types of deviant and criminal behaviors and patterns in the United States. An examination of topics includes sociological theories, definition and measurement of crime, cultural values and norms related to deviance, social inequality, criminal justice system, and the methods used to control crime and deviance.

Effective Date: FA11

Rationale: Introduction to Sociology of Crime is listed in C-ID as one of the lower-division core courses in sociology (it is listed as SOC 160). A similar course SOC 040 Introduction to Criminology is offered at UCR. SOC 135 will serve as a general education course, and will be submitted for CSU GE-Breadth and IGETC.

MODIFY COURSES

COURSE ID	COURSE TITLE
AERO 122D	F.A.A. PRIVATE PILOT GROUND SCHOOL

Course ID: AERO 122

Course Title: Private Pilot Ground School

Catalog Description: This course offers complete preparation for the Federal Aviation Administration (FAA) private pilot written examination including aerodynamics, weight and balance, flight computer, navigation, meteorology and federal air regulations.

Schedule Description: This course offers complete preparation for the Federal Aviation Administration (FAA) private pilot written examination including aerodynamics, weight and balance, flight computer, navigation, meteorology and federal air regulations.

Effective Date: FA11

Rationale: Content Review

Curriculum Meetings: 09-27-10; 10-11-10; 10-25-10

Conjoint Meeting: 11-07-10

Board of Trustees Meeting: December 9, 2010

MODIFY COURSES

COURSE ID	COURSE TITLE
AERO 140D	INSTRUMENT GROUND SCHOOL AND FLIGHT SIMULATORS

Course ID: AERO 140

Course Title: Instrument Ground School

Departmental Advisory: AERO 122

Catalog Description: This course examines the fundamentals of instrument flight in the Air Traffic Control (ATC) system and factors that can affect the operation including aerodynamics, navigation, flight planning, and communication. The subject matter is reinforced by flying various procedures in flight simulators. This course can be used as a method to meet the Federal Aviation Administration (FAA) requirements for the ground instruction portion of a Biennial Flight Review (BFR) as specified in Federal Aviation Regulations (FAR) 61.56.

Schedule Description: This course examines the fundamentals of instrument flight in the Air Traffic Control (ATC) system and factors that can affect the operation including aerodynamics, navigation, flight planning, and communication. The subject matter is reinforced by flying various procedures in flight simulators. This course can be used as a method to meet the Federal Aviation Administration (FAA) requirements for the ground instruction portion of a Biennial Flight Review (BFR) as specified in Federal Aviation Regulations (FAR) 61.56.

Effective Date: FA11

Rationale: Content Review

COURSE ID	COURSE TITLE
CHEM 104	INTRODUCTION TO ORGANIC CHEMISTRY AND BIOCHEMISTRY

Catalog Description: This course is an introduction to the bonding, naming, structure, and chemical and biomolecular properties for different classes of organic compounds and biomolecules, with a focus on their cellular, medicinal and industrial importance.

Schedule Description: This course is an introduction and general overview of organic chemistry and biochemistry.

Effective Date: FA11

Rationale: Content Review

COURSE ID	COURSE TITLE
CD 100	INTRODUCTION TO CHILD DEVELOPMENT

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

Catalog Description: This course is an introduction and overview of the field of child development, designed to familiarize students with the broad aspects of the profession, philosophies, theories and principles of caring for children in a variety of settings.

Schedule Description: This course is an introduction and overview of the field of child development, designed to familiarize students with the broad aspects of the profession, philosophies, theories and principles of caring for children in a variety of settings.

Effective Date: FA11

Rationale: Content Review

Curriculum Meetings: 09-27-10; 10-11-10; 10-25-10

Conjoint Meeting: 11-07-10

Board of Trustees Meeting: December 9, 2010

MODIFY COURSES

COURSE ID	COURSE TITLE
CD 293	ELEMENTARY LABORATORY: INTRODUCTION TO EARLY FIELD EXPERIENCE

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

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

Catalog Description: This course offers supervised experience and participation in an elementary school setting for prospective elementary school teachers. The emphasis is on understanding the role of the elementary school teacher, instructional methods, aiding literacy, cooperative relationships with staff, parents, children and professional ethics of teaching.

Schedule Description: This course offers supervised experience and participation in an elementary school setting for prospective elementary school teachers. The emphasis is on understanding the role of the elementary school teacher, instructional methods, aiding literacy, cooperative relationships with staff, parents, children and professional ethics of teaching.

Effective Date: FA11

Rationale: Content Review

COURSE ID	COURSE TITLE
CIT 031	BUSINESS ENGLISH

Catalog Description: This course is a review of basic grammar, punctuation, capitalization, vocabulary, and spelling. Emphasis is placed on grammar and vocabulary building for effective business communications.

Schedule Description: This course is a review of basic grammar, punctuation, capitalization, vocabulary, and spelling. Emphasis is placed on grammar and vocabulary building for effective business communications.

Effective Date: FA11

Rationale: Content Review

COURSE ID	COURSE TITLE
EDU 290	INTRODUCTION TO EDUCATION

Departmental Advisories: CD 101 and ENGL 015 or eligibility for ENGL 101 or 101H as determined by the SBVC assessment process

Prerequisite: CD 105 or CD105H

Catalog Description: This course is an introduction to the field of education, designed to familiarize students with philosophies of education, history of education in America, social, political and legal foundations of education, and contemporary issues in education.

Schedule Description: This course is an introduction to the field of education, designed to familiarize students with philosophies of education, history of education in America, social, political and legal foundations of education, and contemporary issues in education.

Effective Date: FA11

Rationale: Content Review

Curriculum Meetings: 09-27-10; 10-11-10; 10-25-10

Conjoint Meeting: 11-07-10

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MODIFY COURSES

COURSE ID	COURSE TITLE
ENGL 070	ENGLISH LITERATURE TO THE 18 TH CENTURY

Course Title: English Literature: Middle Ages to 18th Century

Catalog Description: This course includes analysis of masterpieces of every significant literary type in the development of English literature from the Middle Ages to the early 18th Century, supplemented by a study of the historical and social background of the literature and lives of representative and important writers.

Schedule Description: This course includes analysis of masterpieces of every significant literary type in the development of English literature from the Middle Ages to the early 18th Century, supplemented by a study of the historical and social background of the literature and lives of representative and important writers.

Effective Date: FA11

Rationale: Content Review

COURSE ID	COURSE TITLE
ENGL 071	ENGLISH LITERATURE FROM THE 18 TH CENTURY TO THE PRESENT

Course Title: English Literature: 18th Century to Present

Catalog Description: This course includes an analysis of masterpieces of every significant literary type in the development of English literature from the 18th Century to the present day, supplemented by a study of the historical and social background of the literature and lives of representative and important writers.

Schedule Description: This course includes an analysis of masterpieces of every significant literary type in the development of English literature from the 18th Century to the present day, supplemented by a study of the historical and social background of the literature and lives of representative and important writers.

Effective Date: FA11

Rationale: Content Review

COURSE ID	COURSE TITLE
ENGL 077	SHAKESPEARE

Catalog Description: This course includes a critical analysis of a selection of Shakespeare's plays representative of his literary development. Lectures, films, and recordings will be used to examine life and the theater in Elizabethan England.

Schedule Description: This course includes a critical analysis of a selection of Shakespeare's plays representative of his literary development. Lectures, films, and recordings will be used to examine life and the theater in Elizabethan England.

Effective Date: FA11

Rationale: Content Review

Curriculum Meetings: 09-27-10; 10-11-10; 10-25-10

Conjoint Meeting: 11-07-10

Board of Trustees Meeting: December 9, 2010

MODIFY COURSES

COURSE ID	COURSE TITLE
ENGL 270	ENGLISH LITERATURE TO THE 18 TH CENTURY

Course Title: English Literature: Middle Ages to 18th Century

Prerequisites: ENGL 101 or ENGL 101H

Catalog Description: This course includes analysis of English literature to the 18th Century and analysis of masterpieces of every significant literary type in the development of English literature from the Middle Ages to the early 18th century.

Schedule Description: This course includes analysis of English literature to the 18th Century and analysis of masterpieces of every significant literary type in the development of English literature from the Middle Ages to the early 18th century.

Effective Date: FA11

Rationale: Content Review

COURSE ID	COURSE TITLE
ENGL 271	ENGLISH LITERATURE FROM THE 18 TH CENTURY TO THE PRESENT

Course Title: English Literature: 18th Century to Present

Prerequisite: ENGL 101 or ENGL 101H

Catalog Description: This course includes English literature from the 18th Century to the Present and analysis of masterpieces of every significant literary type in the development of English literature from the 18th century to present day.

Schedule Description: This course includes English literature from the 18th Century to the Present and analysis of masterpieces of every significant literary type in the development of English literature from the 18th century to present day.

Effective Date: FA11

Rationale: Content Review

COURSE ID	COURSE TITLE
ENGL 275	SHAKESPEARE

Prerequisite: ENGL 101 or ENGL 101H

Catalog Description: This course includes a critical analysis of a selection of Shakespeare's plays representative of his literary development. Lectures, films, and recordings are used to examine life and theatre in Elizabethan England.

Schedule Description: This course includes a critical analysis of a selection of Shakespeare's plays representative of his literary development. Lectures, films, and recordings are used to examine life and theatre in Elizabethan England.

Effective Date: FA11

Rationale: Content Review

Curriculum Meetings: 09-27-10; 10-11-10; 10-25-10

Conjoint Meeting: 11-07-10

Board of Trustees Meeting: December 9, 2010

MODIFY COURSES

COURSE ID	COURSE TITLE
SPAN 157	SPANISH FOR NATIVE SPANISH SPEAKERS I

Catalog Description: This is the first of two courses intended for native or heritage Spanish speakers whose formal training in the language has been incomplete. This course is designed to help students develop spelling, conversational, reading and writing skills with special emphasis on past tense verbs, grammar, vocabulary expansion and the culture of Spanish speaking regions. The course is conducted in Spanish and focuses on grammatical topics equivalent to those covered in Spanish 102.

Schedule Description: This is the first of two courses intended for native or heritage Spanish speakers whose formal training in the language has been incomplete. This course is designed to help students develop spelling, conversational, reading and writing skills with special emphasis on past tense verbs, grammar, vocabulary expansion and the culture of Spanish speaking regions. The course is conducted in Spanish and focuses on grammatical topics equivalent to those covered in Spanish 102.

Effective Date: FA11

Rationale: Content Review

COURSE ID	COURSE TITLE
WST 010X2	TEST REVIEW FOR WATER DISTRIBUTION OPERATORS D1-D2

Departmental Advisory: WST 061

Catalog Description: This course is a review of the expected Range of Knowledge (ROK) required to obtain the California Department of Public Health (CDPH) Distribution Operator Licenses at grades D1 and D2. The review topics include distribution system operations, disinfection, related mathematics, and safety.

Schedule Description: This course is a review of the expected Range of Knowledge (ROK) required for the California Department of Public Health (CDPH) Distribution Operator Licenses at grades D1 and D2.

Effective Date: FA11

Rationale: The state agency responsible for the operator license examination was updated from California Department of Health Services to California Department of Public Health and a departmental advisory of WST 061 was added.

COURSE ID	COURSE TITLE
WST 020X2	TEST REVIEW FOR WATER TREATMENT T1-T2

Departmental Advisory: WST 071

Catalog Description: This course is a review of the expected Range of Knowledge (ROK) required to obtain the California Department of Public Health (CDPH) Water Treatment Operator Licenses at grades T1 and T2. The review topics include conventional treatment techniques, flocculation, sedimentation, filtration, system pressures, and related math.

Schedule Description: This course is a review of the expected Range of Knowledge required for the California Department of Public Health (CDPH) Water Treatment Operator Licenses at grades T1 and T2.

Effective Date: FA11

Rationale: The state agency responsible for the operator license was updated from California Department of Health Services to California Department of Public Health and a departmental advisory of WST 071 was added.

Curriculum Meetings: 09-27-10; 10-11-10; 10-25-10

Conjoint Meeting: 11-07-10

Board of Trustees Meeting: December 9, 2010

MODIFY COURSES

COURSE ID	COURSE TITLE
WST 031	WATER CONSERVATION PRACTITIONER I

Course Title: Water Use Efficiency Practitioner I

Departmental Advisory: WST 061

Catalog Description: This introductory water conservation course is designed for students interested in working as a water use efficiency practitioner. It includes the expected range of knowledge required for the American Water Works Association (AWWA) Water Use Efficiency Practitioner I Certificate.

Schedule Description: This introductory water conservation course is designed for students interested in working as a water use efficiency practitioner. It includes the expected range of knowledge required for the American Water Works Association (AWWA) Water Use Efficiency Practitioner I Certificate.

Effective Date: FA11

Rationale: The American Water Works Association (AWWA) has renamed their Water Conservation Certificate to Water Use Efficiency Certificate. The changes in the course reflect the changes made by the AWWA and a departmental advisory of WST 061 was added.

COURSE ID	COURSE TITLE
WST 048	CROSS-CONNECTION CONTROL

Prerequisite: WST 045 or a current backflow prevention license or

Corequisite: WST 045

Effective Date: FA11

Rationale: This course had a "Prerequisite" of WST 045. The course has been modified to "Prerequisite or Corequisite" of WST045. Since, both Cross Connection Control and Backflow Prevention devices prevent contamination of drinking water, some students will find it helpful to enroll in both the classes during the same semester.

COURSE ID	COURSE TITLE
WST 052	WATER TECHNOLOGY MATH

Prerequisite: None

Departmental Advisory: MATH 942 or eligibility for MATH 952 as determined by SBVC assessment process

Effective Date: FA11

Rationale: Modified the "Prerequisite", MATH 942, to "Departmental Advisory" to accommodate students who are not able to enroll in MATH 942, since the demand for basic skills courses far exceeds the number of courses offered on the campus.

Curriculum Meetings: 09-27-10; 10-11-10; 10-25-10

Conjoint Meeting: 11-07-10

Board of Trustees Meeting: December 9, 2010

MODIFY COURSES

COURSE ID	COURSE TITLE
WST 052A	WATER TECHNOLOGY MATH I

Prerequisite: None

Departmental Advisory: MATH 942 or eligibility for MATH 952 as determined by the SBVC assessment process

Effective Date: FA11

Rationale: Modified the "Prerequisite", MATH 942, to "Departmental Advisory" to accommodate students who are not able to enroll in MATH 942, since the demand for basic skills courses far exceeds the number of courses offered on the campus.

COURSE ID	COURSE TITLE
WST 061	WATER DISTRIBUTION I

Prerequisite: None

Departmental Advisories: MATH 942 or eligibility for MATH 952 as determined through SBVC assessment process and WST 052A or WST 052

Effective Date: FA11

Rationale: Modified the "Prerequisite", MATH 942, to "Departmental Advisory" to accommodate students who are not able to enroll in MATH 942, since the demand for basic skills courses far exceeds the number of courses offered on the campus.

COURSE ID	COURSE TITLE
WST 071	WATER TREATMENT I

Prerequisite: None

Departmental Advisories: MATH 942 or eligibility for MATH 952 as determined by SBVC assessment process and WST 052 or WST 052C and WST 061

Effective Date: FA11

Rationale: Modified the "Prerequisite", MATH 942, to "Departmental Advisory" to accommodate students who are not able to enroll in MATH 942, since the demand for basic skills courses far exceeds the number of courses offered on the campus.

Curriculum Meetings: 09-27-10; 10-11-10; 10-25-10

Conjoint Meeting: 11-07-10

Board of Trustees Meeting: December 9, 2010

MODIFY COURSES

COURSE ID	COURSE TITLE
WST 081	WASTEWATER COLLECTION I

Prerequisite: None

Departmental Advisories: MATH 942A and MATH 942B and MATH 942C or MATH 942 or eligibility for MATH 952 as determined by SBVC assessment process or WST 052A and WST 052B or WST 052

Effective Date: FA11

Rationale: Modified the "Prerequisite", MATH 942, to "Departmental Advisory" to accommodate students who are not able to enroll in MATH 942, since the demand for basic skills courses far exceeds the number of courses offered on the campus.

COURSE ID	COURSE TITLE
WST 091	WASTEWATER TEATEMENT I

Prerequisite: None

Departmental Advisories: MATH 942 or eligibility for MATH 952 as determined by SBVC assessment process and WST 081

Effective Date: FA11

Rationale: Modified the "Prerequisite", MATH 942, to "Departmental Advisory" to accommodate students who are not able to enroll in MATH 942, since the demand for basic skills courses far exceeds the number of courses offered on the campus.

DISTRIBUTED EDUCATION

ANTHRO 125	100% ONLINE
CHEM 104	100% ONLINE
SOC 120	100% ONLINE
SOC 135	100% ONLINE
SPAN 157	100% ONLINE
WST 031	100% ONLINE
WST 052	100% ONLINE
WST 061	100% ONLINE
WST 071	100% ONLINE
WST 081	100% ONLINE
WST 091	100% ONLINE

Effective Date: FA11

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: 09-27-10; 10-11-10; 10-25-10

Conjoint Meeting: 11-07-10

Board of Trustees Meeting: December 9, 2010

DELETED COURSES

MACH 062X2
MACH 091A
MACH 092A
MACH 093A
MACH 094A
MACH 095A
MACH 096A
MACH 097A
READ 910

Effective Date: FA11

Rationale: Courses no longer offered.

DELETED CERTIFICATE

MECHANICAL HYDRAULICS/PNEUMATICS

Effective Date: FA11

Rationale: Courses in this program are no longer offered.

Curriculum Meetings: 09-27-10; 10-11-10; 10-25-10

Conjoint Meeting: 11-07-10

Board of Trustees Meeting: December 9, 2010

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