

SAN BERNARDINO VALLEY COLLEGE
SUBMITTED FOR BOARD OF TRUSTEE APPROVAL
MARCH 12, 2009

NEW COURSE

Division: Humanities
Department: Modern Languages
Course ID: ARAB 101
Course Title: College Arabic I
Units: 4
Lecture: 4 contact hour(s) per week
64 - 72 contact hours per semester

Prerequisite: None

Catalog Description: This course includes the study of essentials of pronunciation including the Arabic alphabet, symbols and sounds, vocabulary, idioms, and grammatical structures along with an introduction to the key social issues and culture of Arabic-speaking people. This course corresponds to two years of high school study.

Schedule Description: This course includes the study of essentials of pronunciation including the Arabic alphabet, symbols and sounds, vocabulary, idioms, and grammatical structures along with an introduction to the key social issues and culture of Arabic-speaking people. This course corresponds to two years of high school study.

Effective Date: FA10

Rationale: Arabic courses have been increasing in classrooms across the country since the attacks of September 11, 2001, and the subsequent U.S. invasion of Iraq. These events have spurred a growing interest in Middle East affairs -- and pointed out the need for fluent speakers of Arabic. There is a critical need for experienced translators, analysts and diplomats.

Division: Humanities
Department: Modern Languages
Course ID: ARAB 102
Course Title: College Arabic II
Units: 4
Lecture: 4 contact hour(s) per week
64 - 72 contact hours per semester

Prerequisite: ARAB 101

Catalog Description: In this course students continue to develop the ability to converse, read and write in Arabic. The course includes the study of essentials of pronunciation, vocabulary, idioms, and grammatical structures along with an introduction to the key social issues and culture of Arabic speaking people.

Schedule Description: In this course students continue to develop the ability to converse, read and write in Arabic. The course includes the study of essentials of pronunciation, vocabulary, idioms, and grammatical structures along with an introduction to the key social issues and culture of Arabic speaking people.

Effective Date: FA10

Rationale: Arabic courses have been increasing in classrooms across the country since the attacks of September 11, 2001, and the subsequent U.S. invasion of Iraq. These events have spurred a growing interest in Middle East affairs -- and pointed out the need for fluent speakers of Arabic. There is a critical need for experienced translators, analysts and diplomats.

Curriculum Meetings: 01-26-09; 02-09-09
Conjoint Meeting: 02-10-09
Board of Trustees Meeting: March 12, 2009
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NEW COURSE

Division: Student Services
Department: Student Development
Course ID: SDEV 910X3
Course Title: CAHSEE Mathematics Test Preparation
Units: 0 - 0
Laboratory: 9 - 27 contact hour(s) per week
Min: 144 - 162 contact hours per semester
Max: 432 - 486 contact hours per semester

Prerequisite: None

Catalog Description: This intensive tutorial course is designed for students who completed the 12th grade, but did not pass the California High School Exit Exam (CAHSEE) Mathematics section. Students will be drilled on the subject matter required to pass and/or improve scores and learn test-taking strategies.

Schedule Description: This intensive tutorial course is designed for students who completed the 12th grade, but did not pass the California High School Exit Exam (CAHSEE) Mathematics section. Students will be drilled on the subject matter required to pass and/or improve scores and learn test-taking strategies.

Effective Date: FA10

Transfer Status: Not transferable

Rationale: Area high school students are failing the CAHSEE in large numbers every year. This tutorial course is needed to help the students who graduated from high school but did not pass the CAHSEE Math section to prepare to retake the exam.

Division: Student Services
Department: Student Development
Course ID: SDEV 911X3
Course Title: CAHSEE English Test Preparation
Units: 0 - 0
Laboratory: 9 - 27 contact hour(s) per week
Min: 144 - 162 contact hours per semester
Max: 432 - 486 contact hours per semester

Prerequisite: None

Catalog Description: This intensive tutorial course is designed for students who completed the 12th grade, but did not pass the California High School Exit Exam (CAHSEE) English section. Students will be drilled on the subject matter required to pass and/or improve scores and learn test-taking strategies.

Schedule Description: This intensive tutorial course is designed for students who completed the 12th grade, but did not pass the California High School Exit Exam (CAHSEE) English section. Students will be drilled on the subject matter required to pass and/or improve scores and learn test-taking strategies.

Effective Date: FA10

Transfer Status: Not transferable

Rationale: Area high school students are failing the CAHSEE in large numbers every year. This tutorial course is needed to help students who graduated from high school but did not pass the CAHSEE Math section to prepare to retake the exam.

NEW COURSE

Division: Science

Department: WATER SUPPLY TECHNOLOGY

Course ID: WST 081

Course Title: Wastewater Collection I

Units: 3

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

Laboratory: None

Prerequisite: MATH 942A and MATH 942B and MATH 942C or MATH 942 or eligibility for MATH 952 as determined by SBVC assessment process

Departmental Advisory: WST 052A and WST 052B or WST 052

Catalog Description: This course is designed to train operators in the practical aspects of operating and maintaining wastewater collector systems, emphasizing safe practices and procedures. The course focuses on the knowledge, skills, and abilities required to perform the essential duties of an entry level collection system maintenance technologist and prepares students to take the California Water Environment Association (CWEA) Collection System Certification exam at Grade I.

Schedule Description: This course focuses on the knowledge skills and abilities required to perform the essential duties of an entry level collection system maintenance technologist and prepares students to take the California Water Environment Association (CWEA) Collection System Certification exam at Grade I.

Effective Date: FA10

Rationale: There are four major areas in a water program (1) treatment of raw water, (2) distribution of treated water to customers (3) collection of wastewater(sewage) from customers, and (4)treatment of wastewater. We do not currently offer any courses in wastewater collection. There is strong demand for trained collection system operators. This course addresses the demand.

Curriculum Meetings: 01-26-09; 02-09-09

Conjoint Meeting: 02-10-09

Board of Trustees Meeting: March 12, 2009

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NEW COURSE

Division: Science
Department: WATER SUPPLY TECHNOLOGY
Course ID: WST 082
Course Title: Wastewater Collection II
Units: 3
Lecture: 3 contact hour(s) per week
48 - 54 contact hours per semester
Laboratory: None
Prerequisite: WST 081

Catalog Description: This course is designed to provide an in-depth understanding of the operation and maintenance of wastewater collector systems. The course focuses on the knowledge, skills, and abilities required to perform the essential duties of a skilled or journey level collection system maintenance technologist and prepares students to take the California Water Environment Association (CWEA) Collection System Certification exam at Grade II.

Schedule Description: This course focuses on the knowledge, skills, and abilities required to perform the essential duties of a skilled or journey level collection system maintenance technologist and prepares students to take the California Water Environment Association (CWEA) Collection System Certification exam at Grade II.

Effective Date: FA10

Rationale: This is a continuation of WST 081 course. It will help students who work in the industry to obtain further education needed for higher level certification.

MODIFIED COURSES

COURSE ID	COURSE TITLE
BIOL 201	CELL AND MOLECULAR BIOLOGY

Corequisite: CHEM 150 and CHEM 150H

Effective Date: FA10

Rationale: Content Review; Addition of corequisite to course outline of record.

COURSE ID	COURSE TITLE
BIOL 250	HUMAN ANATOMY AND PHYSIOLOGY I

Departmental Advisory: None

Catalog Description: This is the first semester of a two-semester presentation of human anatomy and physiology for pre-professional majors or others interested in an in-depth study of human biology. This course offers an introduction to cytology, histology, and basic inorganic and organic chemistry. It also presents the structure, function, and homeostatic interrelationships of the integumentary, skeletal, cardiovascular, lymphatic, and respiratory organ systems.

Schedule Description: This is the first semester of a two-semester course in anatomy and physiology including the structure, function, and homeostatic interrelationships of the integumentary, skeletal, cardiovascular, lymphatic, and respiratory organ systems.

Effective Date: FA10

Curriculum Meetings: 01-26-09; 02-09-09

Conjoint Meeting: 02-10-09

Board of Trustees Meeting: March 12, 2009

Rationale: Content Review; Removal of Department Advisory.

MODIFIED COURSES

COURSE ID	COURSE TITLE
BIOL 251	HUMAN ANATOMY AND PHYSIOLOGY II

Catalog Description: This course is the second semester of a two-semester presentation of anatomy and physiology. Topics include the urinary system; fluid, electrolyte and acid-base balance; nervous and muscular systems; endocrine regulation; digestion; metabolism; and reproduction. Emphasis is placed upon body homeostasis, human musculature and gross anatomy, using the cat as a dissection model. The class is intended for students planning to enter the Allied Health professions.

Schedule Description: This course is the second semester of a two-semester presentation of anatomy and physiology. Emphasis is placed upon homeostatic relationships within the reproductive, urinary, nervous, endocrine, digestive and muscular systems. Human musculature is studied using the cat as a dissection model. The class is intended for students planning to enter the Allied Health professions.

Effective Date: FA10

Rationale: Content Review; Complete sentences in Catalog & Schedule Description.

COURSE ID	COURSE TITLE
DIESEL 020	DIESEL ENGINES - LIGHT DUTY

Catalog Description: This course covers theory and practical shop work in the repair, operation, and maintenance of light-duty diesel engines and fuel injection systems. Topic includes general troubleshooting and diagnostic testing.

Schedule Description: This course covers theory and practical shop work in the repair, operation, and maintenance of light-duty diesel engines and fuel injection systems.

Effective Date: FA10

Rationale: Content Review; Complete sentences in Catalog & Schedule Description.

COURSE ID	COURSE TITLE
ENGL 015	PREPARATION FOR COLLEGE WRITING

Catalog Description: This is a writing course designed to prepare students for ENGL 101. The primary focus is on the development of the paragraph and short essay. The class includes a review of grammar, sentence structure, and punctuation.

Schedule Description: This is a writing course designed to prepare students for ENGL 101. The primary focus is on the development of the paragraph and short essay. The class includes a review of grammar, sentence structure, and punctuation.

Effective Date: FA10

Rationale: Content Review; Complete sentences in Catalog & Schedule Description.

Curriculum Meetings: 01-26-09; 02-09-09

Conjoint Meeting: 02-10-09

Board of Trustees Meeting: March 12, 2009

MODIFIED COURSES

COURSE ID	COURSE TITLE
POLIT 100	AMERICAN POLITICS

Catalog Description: This course is a basic introduction to American politics that is designed to meet requirements in United States and California constitution and government with primary emphasis on the American national government. Topics covered include the political theory of democracy; the United States Constitution and Bill of Rights; the operations of national political institutions including Congress, the President, and the Supreme Court; the role of political parties; and an overview of California government and politics.

Schedule Description: This course is an introduction to American government and politics that is designed to meet requirements in United States and California constitution and government.

Effective Date: FA10

Rationale: Content Review; Complete sentences in Catalog & Schedule Description

COURSE ID	COURSE TITLE
POLIT 138	GROUP LEADERSHIP

Title: SERVICE LEARNING: STUDENT LEADERSHIP

Catalog Description: This course is a service learning course designed for the development of leadership skills through participation in student government or other campus activities. The topics covered include: community college governance, collaborative problem solving, student issues, methods of effective advocacy, parliamentary procedures, relevant laws, and the challenges and opportunities of social diversity.

Schedule Description: This course is a service learning course designed for the development of leadership skills through participation in student government or other campus activities. The topics covered include: community college governance, collaborative problem solving, student issues, methods of effective advocacy, parliamentary procedures, relevant laws, and the challenges and opportunities of social diversity.

Effective Date: FA10

Rationale: Content Review; Descriptive title; Complete sentences in Catalog & Schedule Description

COURSE ID	COURSE TITLE
WST 144	CROSS-CONNECTION CONTROL

Course ID: WST 048

Departmental Advisory: None

Prerequisite: WST 045 or a current backflow prevention license

Catalog Description: This course is a study of the administrative and technical procedures required to establish a cross-connection control program, including a review of applicable local, state and federal regulations. The course includes the identification and study of backflow devices required to mitigate hazards of actual or potential connections between a potable water supply and any source of contamination. It also prepares students to become certified as cross-connection control program specialists (formerly WST 144).

Schedule Description: This course is a study of the administrative and technical procedure required to establish a cross connection control program. The course prepares students to become certified as cross-connection control program specialists (formerly WST 144).

Effective Date: FA10

Transfer Status: Not transferable

Curriculum Meetings: 01-26-09; 02-09-09

Conjoint Meeting: 02-10-09

Board of Trustees Meeting: March 12, 2009

Rationale: Content Review; Course ID change to reflect non-transferable course; Changed Departmental Advisory to Prerequisite; Course equates (formerly WST 144 added to Catalog and Schedule descriptions.)

MODIFIED COURSES

COURSE ID	COURSE TITLE
WST 145	BACKFLOW PREVENTION DEVICES

Course ID: WST 045

Catalog Description: This course provides instruction in theory, testing, and maintenance of backflow prevention assemblies. It prepares journeyman plumbers and utility operators to take the American Water Work Association Backflow Prevention Certification test (formerly WST 145).

Schedule Description: This course provides instruction in theory, testing, and maintenance of backflow prevention assemblies. It prepares journeyman plumbers and utility operators to take the American Water Work Association Backflow Prevention Certification test (formerly WST 145).

Effective Date: FA10

Transfer Status: Not transferable

Rationale: Content Review; Course ID change to reflect non-transferable course; Course equates (formerly WST 145 added to Catalog and Schedule descriptions.)

DISTRIBUTED EDUCATION

WST 081 100% ONLINE
WST 082 100% 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 classes 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. WST 081 and WST 082 fulfill a specific requirement for obtaining beginning level license in wastewater collection and is a required course for one certificate. The online delivery method of this course 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.

Cisco Certified Network Associate Certificate

This certificate is designed to prepare students to take the Cisco Certified Network Associate certification examination. This course of study prepares students for entry level employment in the computer networking field. The certificate is part of the Cisco Networking Academy program and all instruction is provided by Cisco Certified Academy Instructors using Cisco certified curriculum. This is the first level of Cisco certification. This course of study is open to all students.

		Units
CIT 091	Networking Fundamentals Semester I (Cisco Networking Academy)	3
	and	
CIT 092	Basic Routing Semester Two (Cisco Networking Academy)	3
	and	
CIT 093	Fundamentals of LANs, Local Area Networks, Semester Three (Cisco Networking Academy)	3
	and	
CIT 094	Fundamentals of WANs, Wide Area Networks , Semester Four (Cisco Networking Academy)	3

Total Units	12
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Effective Date: FA10

Rationale: Update certificate based on Curriculum changes.