

SAN BERNARDINO COMMUNITY COLLEGE DISTRICT

TO: Board of Trustees
FROM: Bruce Baron, Chancellor
REVIEWED BY: Dr. Gloria Fisher, Interim President, SBVC
PREPARED BY: Dr. Haragewen Kinde, Interim Vice President, Instruction SBVC
DATE: June 13, 2013
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 2014-2015 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
June 13, 2013

MODIFY COURSE

COURSE ID	COURSE TITLE
ACCT 200	FINANCIAL ACCOUNTING

Departmental Advisories: MATH 090 and CIT 101 or CIT 114 and ENGL 015 or eligibility for ENGL 101 or ENGL 101H as determined by SBVC assessment process

Catalog Description: This is the study of accounting as an information system, examining why it is important and how it is used by investors, creditors, and others to make decisions. The course covers the accounting information system, including recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the financial statements, and statement analysis. Includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls, and ethics.

Schedule Description: This is the study of accounting as an information system, examining why it is important and how it is used by investors, creditors, and others to make decisions.

Rationale: Content review

Effective: FA14

COURSE ID	COURSE TITLE
ACCT 201	MANAGERIAL ACCOUNTING

Catalog Description: This is the study of how managers use accounting information in decision-making, planning, directing operations and controlling. Focuses on cost terms and concepts, cost behavior, cost structure and cost-volume-profit analysis. Includes issues relating to cost systems, cost control, profit planning, and performance analysis in manufacturing and service environments.

Schedule Description: This is the study of how managers use accounting information in decision-making, planning, directing operations and controlling.

Rationale: Content review

Effective: FA14

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

Board of Trustees Meeting: June 13, 2013

MODIFY COURSE

COURSE ID	COURSE TITLE
AUTO 075x3	AUTOMATIC TRANSMISSIONS REAR WHEEL DRIVE

Course ID: AUTO 075

Units: 4

Laboratory: 3 contact hour(s) per week

Catalog Description: This course covers theory and practical work on rear wheel drive automatic transmissions in automobile and light truck applications. The course offers training to prepare for the Automotive Service Excellence (ASE) A2 certification test. (Formerly AUTO 075x3)

Schedule Description: This course covers theory and practical work on rear wheel drive automatic transmissions in automobile and light truck applications. The course offers training to prepare for the Automotive Service Excellence (ASE) A2 certification test. (Formerly AUTO 075x3)

Equate: This course equates with AUTO 075x3

Rationale: Content review; remove repeatability

Effective: FA14

COURSE ID	COURSE TITLE
AUTO 076x3	AUTOMATIC TRANSAXLES FRONT WHEEL DRIVE

Course ID: AUTO 076

Units: 4

Laboratory: 3 contact hour(s) per week

Catalog Description: This course covers theory and practical work on front wheel drive automatic transaxles in automobile applications. The course offers training to prepare for the Automotive Service Excellence (ASE) A2 certification test. (Formerly AUTO 076x3)

Schedule Description: This course covers theory and practical work on front wheel drive automatic transaxles in automobile applications. The course offers training to prepare for the Automotive Service Excellence (ASE) A2 certification test. (Formerly AUTO 076x3)

Equate: This course equates with AUTO 076x3

Rationale: Content review; remove repeatability

Effective: FA14

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

Board of Trustees Meeting: June 13, 2013

MODIFY COURSE

COURSE ID	COURSE TITLE
BUSAD 100	INTRODUCTION TO BUSINESS

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

Catalog Description: This course will introduce students to the fundamental concepts of business in a changing world. It includes an overview of such areas as economic systems, management, marketing, accounting, finance, ethics, ownership, organization of business, the legal aspects and regulation of business, as well as globalization.

Schedule Description: This course will introduce students to the fundamental concepts of business in a changing world. It includes an overview of such areas as economic systems, management, marketing, accounting, finance, ethics, ownership, organization of business, the legal aspects and regulation of business, as well as globalization.

Rationale: Content review

Effective: FA14

COURSE ID	COURSE TITLE
BUSAD 211	THE LEGAL ENVIRONMENT OF BUSINESS

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

Rationale: Content review

Effective: FA14

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 course 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 course includes a review of grammar, sentence structure, and punctuation.

Rationale: Content review

Effective: FA14

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

Board of Trustees Meeting: June 13, 2013

MODIFY COURSE

COURSE ID	COURSE TITLE
HUMSV 195A	HUMAN SERVICES: INTERN SEMINAR I

Corequisite: HUMSV 198C or HUMSV 198D or HUMSV 198E or HUMSV 198F

Department Advisory: None

Catalog Description: This course provides an introduction and the identification of applied strategies for crisis intervention, case analysis, and therapeutic interventions, and serves as a lecture-based foundation for student field work. **STUDENTS MUST ALSO TAKE THE WORK EXPERIENCE CLASS THAT MATCHES THEIR CERTIFICATE GOAL (HUMSV 198 A-Z).**

Schedule Description: This course provides an introduction and the identification of applied strategies for crisis intervention, case analysis, and therapeutic interventions, and serves as a lecture-based foundation for student field work. **STUDENTS MUST ALSO TAKE THE WORK EXPERIENCE CLASS THAT MATCHES THEIR CERTIFICATE GOAL (HUMSV 198 A-Z).**

Rationale: Content review

Effective: FA14

COURSE ID	COURSE TITLE
HUMSV 195B	HUMAN SERVICES: INTERN SEMINAR II

Corequisite: HUMSV 198C or HUMSV 198D or HUMSV 198E or HUMSV 198F

Department Advisory: None

Catalog Description: This course provides an evaluation and application of applied strategies for crisis intervention, case analysis, and therapeutic interventions, and serves as a lecture-based foundation for student field work. **STUDENTS MUST ALSO TAKE THE WORK EXPERIENCE CLASS THAT MATCHES THEIR CERTIFICATE GOAL (HUMSV 198 A-Z).**

Schedule Description: This course provides an evaluation and application of applied strategies for crisis intervention, case analysis, and therapeutic interventions, and serves as a lecture-based foundation for student field work. **STUDENTS MUST ALSO TAKE THE WORK EXPERIENCE CLASS THAT MATCHES THEIR CERTIFICATE GOAL (HUMSV 198 A-Z).**

Rationale: Content review

Effective: FA14

COURSE ID	COURSE TITLE
HUMSV 197A	ALCOHOL/DRUG: INTERN SEMINAR I

Corequisites: HUMSV 183 and HUMSV 198A

Department Advisory: None

Catalog Description: This course is an introduction to the duties and work objectives of counselors in alcohol/drug and related fields. Basic skills are developed through discussion and demonstration. This course serves as a lecture-based support for students in fieldwork.

Schedule Description: This course is an introduction to the duties and work objectives of counselors in alcohol/drug related fields.

Rationale: Content review

Effective: FA14

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

Board of Trustees Meeting: June 13, 2013

MODIFY COURSE

COURSE ID	COURSE TITLE
HUMSV 197B	ALCOHOL/DRUG: INTERN SEMINAR II

Prerequisites: HUMSV 183 and HUMSV 197A and HUMSV 198A

Department Advisory: None

Catalog Description: This course reviews job skills such as case management, assessment, and counseling. These skills are monitored and enhanced through class discussion and demonstration in this lecture-based foundation to the student field work.

Schedule Description: This course reviews job skills such as case management, assessment, and counseling. These skills are monitored and enhanced through class discussion and demonstration in this lecture-based foundation to the student field work.

Rationale: Content review

Effective: FA14

COURSE ID	COURSE TITLE
HUMSV 198A	ALCOHOL/DRUG WORK EXPERIENCE I

Course Title: Alcohol/Drug: Field Work I

Units: 2

Work Experience: 10 - contact hour(s) per week

Corequisites: HUMSV 183 and HUMSV 197A

Department Advisory: None

Catalog Description: This course provides supervised field work in the areas of orientation, screening, goal setting and evaluation, and the beginning techniques of alcohol and drug counseling at specific agencies. Students work in their assigned agencies a minimum of 10 hours per week.

Schedule Description: This course provides supervised field work in the areas of orientation, screening, goal setting and evaluation, and the beginning techniques of alcohol and drug counseling at specific agencies. Students work in their assigned agencies a minimum of 10 hours per week.

Rationale: Content review

Effective: FA14

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

Board of Trustees Meeting: June 13, 2013

MODIFY COURSE

COURSE ID	COURSE TITLE
HUMSV 198B	ALCOHOL/DRUG WORK EXPERIENCE II

Course Title: Alcohol/Drug: Field Work II

Units: 2

Work Experience: 10 contact hour(s) per week

Prerequisites: HUMSV 186 and HUMSV 197A and HUMSV 198A

Corequisites: HUMSV 184 and HUMSV 197B

Department Advisory: None

Catalog Description: This course provides supervised field work in the areas of on the job skills such as treatment planning, intake and assessment and facilitation of groups in the field of alcohol and drug counseling at specific agencies. Students work in their assigned agencies a minimum of 10 hours per week.

Schedule Description: This course provides supervised field work in the areas of on the job skills such as treatment planning, intake and assessment and facilitation of groups in the field of alcohol and drug counseling at specific agencies. Students work in their assigned agencies a minimum of 10 hours per week.

Rationale: Content review

Effective: FA14

COURSE ID	COURSE TITLE
HUMSV 198C	HUMAN SERVICES CERTIFICATE WORK EXPERIENCE I

Course Title: Human Services Field Work I

Units: 2

Work Experience: 10 contact hour(s) per week

Prerequisites: HUMSV 170 and HUMSV 172 and HUMSV 173 and HUMSV 179

Corequisite: HUMSV 195A or HUMSV 195B

Department Advisory: None

Catalog Description: This course provides supervised field work in the area of Human Services and beginning helping skills at specific agencies. Students work in their assigned agencies a minimum of 10 hours per week.

Schedule Description: This course provides supervised field work in the area of Human Services and beginning helping skills at specific agencies. Students work in their assigned agencies a minimum of 10 hours per week.

Rationale: Content review

Effective: FA14

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

Board of Trustees Meeting: June 13, 2013

MODIFY COURSE

COURSE ID	COURSE TITLE
HUMSV 198D	HUMAN SERVICES CERTIFICATE WORK EXPERIENCE II

Course Title: Human Services Field Work II

Units: 2

Work Experience: 10 contact hour(s) per week

Prerequisite: HUMSV 198C

Corequisite: HUMSV 195A or HUMSV 195B

Department Advisory: None

Catalog Description: This course provides supervised field work in the area of Human Services at specific agencies. Students work in their assigned agencies a minimum of 10 hours per week.

Schedule Description: This course provides supervised field work in the area of Human Services at specific agencies. Students work in their assigned agencies a minimum of 10 hours per week.

Rationale: Content review

Effective: FA14

COURSE ID	COURSE TITLE
HUMSV 198E	CAREER SPECIALIST WORK EXPERIENCE

Course Title: Career Specialist Field Work

Units: 2

Work Experience: 10 contact hour(s) per week

Prerequisites: HUMSV 170 and HUMSV 172 and HUMSV 173 and HUMSV 147

Corequisite: HUMSV 195A or HUMSV 195B

Catalog Description: This course provides supervised field work in the area of career specialist at specific agencies. Students work in their assigned agencies a minimum of 10 hours per week.

Schedule Description: This course provides supervised field work in the area of career specialist at specific agencies. Students work in their assigned agencies a minimum of 10 hours per week.

Rationale: Content review

Effective: FA14

COURSE ID	COURSE TITLE
MATH 266	ORDINARY DIFFERENTIAL EQUATIONS

Units: 4

Lecture: 4 contact hour(s) per week
64 - 72 contact hours per semester

Catalog Description: The course is an introduction to ordinary differential equations including both quantitative and qualitative methods as well as applications from a variety of disciplines. Introduces the theoretical aspects of differential equations, including establishing when solution(s) exist, and techniques for obtaining solutions, including, series solutions, and singular points, Laplace transforms and linear systems.

Schedule Description: The course is an introduction to ordinary differential equations including both quantitative and qualitative methods as well as applications from a variety of disciplines. Introduces the theoretical aspects of differential equations, including establishing when solution(s) exist, and techniques for obtaining solutions, including, series solutions, and singular points, Laplace transforms and linear systems.

Rationale: Content review

Effective: FA14

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

Board of Trustees Meeting: June 13, 2013

MODIFY COURSE

COURSE ID	COURSE TITLE
SDEV 015	PUENTE: STRATEGIES FOR COLLEGE SUCCESS

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

Catalog Description: This course helps students identify their academic strengths and limitations as a first step in long-term educational planning for transfer. In addition, students learn essential skills for creating success in college and in life. This course is paired with ENGL 015 Preparation for College Writing (Puente Project).

Schedule Description: This course helps students identify their academic strengths and limitations as a first step in long-term educational planning for transfer. In addition, students learn essential skills for creating success in college and in life. This course is paired with ENGL 015 Preparation for College Writing (Puente Project).

Rationale: Content review

Effective: FA14

COURSE ID	COURSE TITLE
WELD 027	STRENGTH OF MATERIALS TESTING: DESTRUCTIVE

Course Title: Inspection of Welds: Destructive Tests

Prerequisite: WELD 046 and READ 920 or eligibility for READ 950 as determined by the SBVC assessment process

Catalog Description: This course covers destructive tests commonly used to determine the physical properties of a weld. Destructive type tests include bend test, tensile test, hardness test, fatigue tests, hydrostatic test, tensile shear test and impact test.

Schedule Description: This course covers destructive tests commonly used to determine the physical properties of a weld.

Rationale: Content review

Effective: FA14

COURSE ID	COURSE TITLE
WELD 028	STRENGTH OF MATERIALS TESTING: NON-DESTRUCTIVE

Course Title: Inspection of Welds: Non-Destructive Examination

Prerequisites: WELD 046 and ENGL 914

Corequisite: ENGL 914 or eligibility for ENGL 015 as determined by the SBVC assessment process

Catalog Description: This course covers non-destructive techniques used to determine the soundness of welds and their fitness for service. It includes visual examination, liquid penetrant test, radiographic test, magnetic particle test, and ultra-sonic test, eddy current inspection, X-ray inspection, and hydrostatic pressure testing.

Schedule Description: This course covers non-destructive techniques used to determine the soundness of welds and their fitness for service.

Rationale: Content review

Effective: FA14

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

Board of Trustees Meeting: June 13, 2013

MODIFY COURSE

COURSE ID	COURSE TITLE
WELD 045	SHIELDED METAL ARC WELDING

Course Title: Beginning Shielded Metal Arc Welding (SMAW)

Prerequisite: WELD 010 or WELD 012

Catalog Description: Shielded Metal Arc Welding (SMAW) or stick welding is the most commonly used welding process. This course is designed to teach correct welding techniques, cutting and preparation of material, and safe practices to industry standards.

Schedule Description: Shielded Metal Arc Welding (SMAW) or stick welding is the most commonly used welding process. This course is designed to teach correct welding techniques, cutting and preparation of material, and safe practices to industry standards.

Rationale: Content review

Effective: FA14

COURSE ID	COURSE TITLE
WELD 046	INTERMEDIATE ARC WELDING

Course Title: Intermediate Shielded Metal Arc Welding (SMAW)

Catalog Description: This course is a continuation of training and development skills for shielded metal arc welding in all positions including vertical and overhead.

Schedule Description: This course is a continuation of training and development skills for shielded metal arc welding in all positions including vertical and overhead.

Rationale: Content review

Effective: FA14

COURSE ID	COURSE TITLE
WELD 047	INTERMEDIATE SHIELDED METAL ARC WELDING

Course Title: Power Plant and Field Pipe Welding I

Prerequisite: WELD 046

Departmental Advisories: ENGL 914 and READ 920 or eligibility for ENGL 015 as determined by the SBVC assessment process

Catalog Description: This course prepares students in Shielded Metal Arc Welding (SMAW) for pipe welding to American Petroleum Institute (API) standards. Upon completion of this course, students will be prepared for an entry-level position in oil/power industry. This is the first of a two-course sequence to prepare students in power plant and field pipe welding. This course deals with shop safety, oxy-acetylene cutting, air carbon arc cutting, shielded metal arc welding and pipe welding.

Schedule Description: This course prepares students in SMAW for pipe welding to API standards. Upon completion of this course, students will be prepared for an entry-level position in oil/power industry.

Rationale: Content review

Effective: FA14

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

Board of Trustees Meeting: June 13, 2013

MODIFY COURSE

COURSE ID	COURSE TITLE
WELD 060	LAYOUT FITTER I

Course Title: Layout Fitter

Prerequisite: WELD 046

Department Advisory: None

Catalog Description: This course is designed to provide the training needed to read blueprints, fabricate parts to be assembled, and tack weld the parts together.

Schedule Description: This course is designed to provide the training needed to read blueprints, fabricate parts to be assembled, and tack weld the parts together.

Rationale: Content review

Effective: FA14

COURSE ID	COURSE TITLE
WELD 065B	WELDING INSPECTION VISUAL

Course ID: WELD 065

Prerequisite: WELD 027 and WELD 028

Department Advisory: None

Catalog Description: This course is designed to prepare students for the certified welding inspector examination offered by the American Welding Society (AWS). Focus on welding process, welding procedures, code specifications and standards covering topics in materials and their limitations of weld testing, as well as record keeping and report preparations. **FIVE YEARS OR MORE EXPERIENCE IN WELDING OR RELATED CONSTRUCTION FIELD IS REQUIRED PRIOR TO TESTING FOR THE INSPECTION LICENSE.** (Formerly WELD 065B)

Schedule Description: This course is designed to prepare students for the certified welding inspector examination offered by the American Welding Society (AWS). **FIVE YEARS OR MORE EXPERIENCE IN WELDING OR RELATED CONSTRUCTION FIELD IS REQUIRED PRIOR TO TESTING FOR THE INSPECTION LICENSE.** (Formerly WELD 065B)

Equate: This course equates with WELD 065B

Rationale: Content review; remove repeatability

Effective: FA14

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

Board of Trustees Meeting: June 13, 2013

MODIFY COURSE

COURSE ID	COURSE TITLE
WELD 066B	LOS ANGELES CITY WELDING CERTIFICATION

Course ID: WELD 066

Prerequisite: WELD 060

Department Advisory: None

Catalog Description: This course is designed to prepare students for the written Structural Steel examination offered by the Department of Building and Safety in the City of Los Angeles with a focus on the codes used in the structural steel industry. (Formerly WELD 066B)

Schedule Description: This course is designed to prepare students for the written Structural Steel examination offered by the Department of Building and Safety in the City of Los Angeles with a focus on the codes used in the structural steel industry. (Formerly WELD 066B)

Equate: This course equates with WELD 066B

Rationale: Content review; remove repeatability

Effective: FA14

COURSE ID	COURSE TITLE
WELD 067B	STRUCTURAL STEEL SPECIAL INSPECTION (CBO)

Course ID: WELD 067

Lecture: 2 contact hour(s) per week

32 - 36 contact hours per semester

Laboratory: None

Prerequisite: WELD 060

Department Advisory: None

Catalog Description: This course is designed to prepare students for the International Conference of Building Officials (ICBO) Inspector Certifications examinations and to provide training for employment in the quality control or construction inspection industry. Topics include a review of the technical aspects on inspection and quality control in the area of structural steel and welding preparation, materials applications, plan reading, and related codes and report writing. (Formerly WELD 067B)

Schedule Description: This course is designed to prepare students for the Structural Steel Special Inspection examination offered by the International Conference of Building Officials (ICBO). (Formerly WELD 067B)

Equate: This course equates with WELD 067B

Rationale: Content review; remove repeatability

Effective: FA14

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

Board of Trustees Meeting: June 13, 2013

MODIFY COURSE

COURSE ID	COURSE TITLE
WELD 070x4	TIG WELDING

Course ID: WELD 015
Course Title: Beginning Gas Tungsten Arc Welding (GTAW)
Units: 2
Lecture: 1 contact hour(s) per week
16 - 18 contact hours per semester

Prerequisite: WELD 046

Department Advisory: None

Catalog Description: This is an introductory course in the Gas Tungsten Arc Welding (GTAW) or Tungsten Inert Gas (TIG) welding process. Welding safety, equipment, and joint construction on mild steel are stressed. (Formerly WELD 070x4)

Schedule Description: This is an introductory course in the Gas Tungsten Arc Welding (GTAW) or Tungsten Inert Gas (TIG) welding process. Welding safety, equipment, and joint construction on mild steel are stressed. (Formerly WELD 070x4)

Equate: This course equates with WELD 070x4

Rationale: Content review; remove repeatability

Effective: FA14

COURSE ID	COURSE TITLE
WELD 077x4	CONTINUOUS WIRE WELDING

Course Title: Introduction to Continuous Wire Welding

Units: 2

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

Prerequisite: WELD 045

Department Advisory: None

Catalog Description: This course covers techniques and methods of Gas Metal Arc Welding (GMAW) and Flux-cored Arc Welding (FCAW) in all positions and on various thicknesses of mild steel. (Formerly WELD 077x4)

Schedule Description:

This course covers techniques and methods of Gas Metal Arc Welding (GMAW) and Flux-cored Arc Welding (FCAW) in all positions and on various thicknesses of mild steel. (Formerly WELD 077x4)

Equate: This course equates with WELD 077x4

Rationale: Content review; remove repeatability

Effective: FA14

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

Board of Trustees Meeting: June 13, 2013

DELETE COURSE

CRMJUS 009
TRUCK 010x3
TRUCK 011x3
WAREHS 020
WAREHS 021

Rationale: Courses are no longer offered.

Effective: FA14

DISTRIBUTED EDUCATION

ACCT 200
ACCT 201

100% ONLINE

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.

Effective: FA14

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

Board of Trustees Meeting: June 13, 2013

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Business Administration Transfer Degree, AA-T

The Associate in Art for Transfer (AA-T) in Business Administration provides opportunities for students through the Student Transfer Achievement Reform Act (SB 1440). The law states that students will have guaranteed admission to a California State University (CSU) campus upon successful completion of the specified program requirements. This degree is designed to provide students with the common core of lower division courses required to transfer and pursue a baccalaureate degree in Business Administration. This includes business degrees with options such as accounting, finance, human resources management, international business, management, operations management, and marketing.

The Student Transfer Achievement Reform Act (Senate Bill 1440, now codified in California Education Code sections 66746-66749) guarantees admission to a California State University (CSU) campus for any community college student who completes an "associate degree for transfer", a newly established variation of the associate degrees traditionally offered at a California community college. The Associate in Arts for Transfer (AA-T) or the Associate in Science for Transfer (AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing these degrees (AA-T or AS-T) are guaranteed admission to the CSU system, but not to a particular campus or major. In order to earn one of these degrees, students must complete a minimum of 60 required semester units of CSU-transferable coursework with a minimum GPA of 2.0. Students transferring to a CSU campus that does not accept the AA-T or AS-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high unit" major). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

To earn this AA-T degree, students must complete the following Associate Degree for Transfer requirements:

- 60 semester or 90 quarter CSU-transferable units
- the California State University-General Education Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district
- obtainment of a minimum grade point average (GPA) of 2.0
- earn a grade of C or better in all courses required for the major or area of emphasis.

Students planning to transfer to a four-year institution and major in Business Administration should consult with a counselor regarding the transfer process and lower division requirements.

REQUIRED COURSES

	Units
ACCT 200 Financial Accounting	4
ACCT 201 Managerial Accounting	4
ECON 200 *	3
	or
ECON 200H *	3
ECON 201 *	3
	or
ECON 201H *	3
BUSAD 210	3
	or
BUSAD 211	3

LIST A (select one): 4 units

	Units
ECON 208 *	4
MATH 108 *	4

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

Board of Trustees Meeting: June 13, 2013

CHOOSE TWO COURSES FROM LIST B OR ANY COURSE NOT USED FROM LIST A:

LIST B: 6-7 units

		Units
BUSAD 100	Introduction to Business	3
CIT 101	Introduction to Computer Literacy	3
MATH 102**	College Algebra	4

Major Total: 27-29

CSU GE-Breadth or IGETC for CSU requirements: 32-33

Total Units

60

*** CSUSB requires MATH 102 for their program.*

** ECON 200 or 200H, 201 or 201H, and ECON 208 or MATH 108 may be double counted for CSUGE or IGETC.*

Rationale: Offering a business administration TMC degree will offer additional options for students who wish to pursue transfer to the CSU system. This TMC offers many benefits to our students. The most significant advantage is the assurance that this AA-T will be accepted as appropriate major preparation at all CSU campuses, rather than just the one nearest to the college at which the degree was completed. The degrees authorized under SB 1440 encourage students to complete their associate degrees before transferring while offering a streamlined pathway for transfer to the CSU, thus benefiting students in multiple ways.

Effective: FA14

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

Board of Trustees Meeting: June 13, 2013

Heavy/Medium Duty Diesel Truck Technology A.S. Degree Major

To graduate with a specialization in Heavy/Medium Duty Diesel Truck Technology, students must complete the following courses plus the general breadth requirements for the associate of science degree (minimum total = 60 units).

REQUIRED COURSES:

		Units
CIT 101	Introduction to Computer Literacy	3
DIESEL 019	Heavy-Duty Truck Electrical Systems	4
DIESEL 021	Heavy-Duty Diesel Engines	4
DIESEL 022	Heavy-Duty Truck Brakes	4
DIESEL 023	Heavy-Duty Truck Suspension and Steering	4
DIESEL 024	Advanced Heavy-Duty Diesel Engines	4
DIESEL 026	Computer Controlled Diesel Engines	4
DIESEL 028	Heavy-Duty Truck Systems	4

RECOMMENDED COURSE:

		Units
WELD 010	Introduction to Welding	2

Total Units

31

This is a Gainful Employment Program

Rationale: A degree in Heavy/Medium Duty Diesel Truck Technology greatly increases any mechanic's chances to be employed and promoted. It will provide students a greater breadth of opportunities in areas such as management and teaching.

Effective: FA14

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

Board of Trustees Meeting: June 13, 2013

General Welding A.S. Degree Major

To graduate with a specialization in Welding Technology, students must complete all requirements for GENERAL WELDING CERTIFICATE plus the general breadth requirements for the Associate of Science Degree (minimum total = 60 units).

REQUIRED COURSES:

		Units
WELD 010	Introduction to Welding	2
WELD 012	Oxy-Acetylene Welding	2
WELD 015	Beginning Gas Tungsten Arc Welding (GTAW)	2
WELD 027	Inspection of Welds: Destructive Tests	3
	or	
WELD 028	Inspection of Welds: Non-Destructive Examination	3
WELD 045	Beginning Shielded Metal Arc Welding (SMAW)	3
WELD 046	Intermediate Shielded Metal Arc Welding (SMAW)	3
WELD 060	Layout Fitter	3
WELD 066	Los Angeles City Welding Certification	3
WELD 077	Introduction to Continuous Wire Welding	2

Total Units

23

This is a Gainful Employment Program

Rationale: Content review

Effective: FA14

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

Board of Trustees Meeting: June 13, 2013

Liberal Arts A.A. Degree Major

The Associate Degree in Liberal Arts is designed for students who wish a broad knowledge of liberal arts and sciences plus additional coursework in an "Area of Emphasis". An area of emphasis is ideal for students planning to transfer to the California State University (CSU) or University of California (UC). Students can satisfy required general education requirements, plus focus on transferable course work that relates to majors at CSU or UC. Students are advised to consult with a counselor for specific information regarding choice of major and transfer university. Students may obtain an Associate of Arts Degree in Liberal Arts by completing a minimum of 60 semester units as outlined below.

It is recommended that students complete either the IGETC or the CSUGE for the general education pattern related to their educational goal. Students are also strongly advised to consult with a counselor relative to required courses for the selected option.

For either the IGETC or CSUGE option, 39-48 units of general education are required.

- Complete 18 units in one "Area of Emphasis" from those outlined below. For depth of study, a minimum of two courses in one discipline is required. (Note: Where appropriate, courses in the "Area of Emphasis" may also be counted for Associate Degree Option #1 or #2.)
- For ALL OPTIONS, complete necessary SBVC graduation and proficiency requirements (Refer to page 31 in the SBVC catalog).
- All classes listed below transfer to CSU. Courses in BOLD are transferable to UC. Refer to www.assist.org for transfer details.
- Courses that include a symbol X in the number such as MUS 141X2 indicate the course may be taken two times for credit. Students may apply each course with a symbol X only one time toward graduation requirements.
- For students pursuing multiple areas of emphasis, each course can be counted in one area only.

I. AREAS OF EMPHASIS

A. Biological and Physical Sciences

These courses emphasize the natural sciences which examine the physical universe, its life forms and natural phenomena. Courses in mathematics emphasize the development of mathematical and quantitative reasoning skills beyond the level of intermediate algebra. Students will be able to demonstrate an understanding of the methodologies of science as investigative tools. Students will also examine the influence that the acquisition of scientific knowledge has on the development of world civilization.

Anthropology (ANTHRO) **106, 106H**

Astronomy (ASTRON) **120, 125**

Biology (BIOL) **100, 104, 109, 109H, 123, 155, 201, 202, 250, 251, 260, 261, 270, 292**

Chemistry (CHEM) **101, 104, 104H, 110, 150, 150H, 151, 151H, 212, 212H, 213, 213H**

Economics (ECON) **208**

Geography (GEOG) **110, 111, 111H, 114**

Geology (GEOL) **101, 111, 112, 122, 250, 251**

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

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Mathematics (MATH)
102, 103, 108, 115, 151, 250, 251, 252, 265, 266

Oceanography (OCEAN)
101, 111

Physical Science (PS)
101

Physics (PHYSIC)
101, 150A, 150B, 200, 201

Psychology (PSYCH)
105 (completed Fall 2009 or later), 141

B. Social and Behavioral Sciences

These courses emphasize the perspective, concepts, theories and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the social and behavioral sciences. Topics and discussion to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate.

Anthropology (ANTHRO)
100, 102, 106, 106H, 107, 109, 110, 125

Child Development (CD)
105, 105H, 126

Communication Studies (COMMST)
135, 174, 176

Economics (ECON)
100, 200, 200H, 201, 201H

Geography (GEOG)
102, 106, 120

History (HIST)
100, 100H, 101, 101H, 107, 110, 137, 138, 139, 140, 150, 170, 171

Philosophy (PHIL)
180

Political Science (POLIT)
100, 110, 110H, 140, 141

Psychology (PSYCH)
100, 100H, 101, 102, 103, 110, 111, 112, 118

Radio/Television/Film (RTVF)
RTVF 100

Religious Studies (RELIG)
110, 135, 180

Sociology (SOC)
100, 100H, 110, 120, 130, 135, 141, 145, 150

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

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C. Humanities and Fine Arts

These courses emphasize the study of cultural, literary, humanistic activities and artistic expression of human beings. Students will evaluate and interpret the ways in which people throughout the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation. Students will also learn to value aesthetic understanding and incorporate these concepts when constructing value judgments.

American Sign Language (ASL)

109, 110, 111, 112

Anthropology (ANTHRO)

107, 109, 110

Arabic (ARAB)

101, 102

Architecture (ARCH)

145, 146

Art (ART)

100, 102, 102H, 103, 105, 107, 108, 120, 124x4, 126x4, 132x4, 145, 148, 161, 175x4, 180, 212x4, 240x4, 270x4

Dance (DANCE)

200

English (ENGL)

151, 153, 155, 161, 163, 165, 175, 232, 270, 271, 275, 280, 281

French (FRENCH)

101, 102

History (HIST)

100, 100H, 101, 101H, 107, 110, 137, 138, 139, 140, 150, 170, 171

Music (MUS)

100, 101, 101L, 102, 102L, 104, 105, 106, 107, 117x4, 121, 121H, 122, 122H, 123, 124, 130, 131, 133, 134x3, 135, 141x2, 150x4, 152x4, 153x4, 154x4, 156x4, 158x4, 159x4, 201, 201L, 202, 202L, 210, 241x2

Philosophy (PHIL)

101, 101H, 105, 112, 180

Physical Science (PS)

PS 112

Radio/Television/Film (RTVF)

RTVF 101, 132, 134

Religious Studies (RELIG)

100, 100H, 101, 110, 135, 150, 175, 176, 180

Spanish (SPAN)

101, 101H, 102, 102H, 103, 103H, 104, 157, 158

Theatre Arts (THART)

100, 114x4, 120, 121, 131, 132, 135, 136, 139, 147, 160x4, 165, 166

Total Units

60

Rationale: Content review

Effective: FA14

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

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MODIFY CERTIFICATE

General Welding Certificate

This certificate is designed to provide students with an understanding of the terminology, concepts, procedures and skills used in the welding field to equip them with the fundamental skills necessary for entry- and intermediate-level employment.

REQUIRED COURSES:

		Units
TECALC 087	Technical Calculations	4
	or	
MATH 942	Arithmetic	3
	or	
Eligibility for MATH 952 as determined by the SBVC assessment process		0 - 4
WELD 010	Introduction to Welding	2
WELD 012	Oxy-Acetylene Welding	2
WELD 015	Beginning Gas Tungsten Arc Welding (GTAW)	2
WELD 027	Inspection of Welds: Destructive Tests	3
	or	
WELD 028	Inspection of Welds: Non-Destructive Examination	3
WELD 045	Beginning Shielded Metal Arc Welding (SMAW)	3
WELD 046	Intermediate Shielded Metal Arc Welding (SMAW)	3
WELD 060	Layout Fitter	3
WELD 066	Los Angeles City Welding Certification	3
WELD 077	Introduction to Continuous Wire Welding	2

Total Units

23 - 27

This is a Gainful Employment Program

Rationale: Content review

Effective: FA14

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

Board of Trustees Meeting: June 13, 2013

MODIFY CERTIFICATE

Welding Inspection Technology Certificate

This certificate is designed to prepare students for the American Welding Society (AWS) and/or International Conference of Building Officials (ICBO) Welding Inspector examination.

REQUIRED COURSES:

		Units
ENGL 914	Basic Writing	4
	or	
Eligibility for ENGL 015 as determined by the SBVC assessment process		0 - 4
WELD 010	Introduction to Welding	2
WELD 027	Inspection of Welds: Destructive Tests	3
WELD 028	Inspection of Welds: Non-Destructive Examination	3
WELD 045	Beginning Shielded Metal Arc Welding (SMAW)	3
WELD 065	Welding Inspection Visual	4
WELD 067	Structural Steel Special Inspection (ICBO)	2

Total Units

17 - 21

This is a Gainful Employment Program

Rationale: Content review

Effective: FA14

Curriculum Meetings: 04-15-13; 04-29-13; 05-13-13

Conjoint Meeting: 05-20-13

Board of Trustees Meeting: June 13, 2013

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