

SAN BERNARDINO COMMUNITY COLLEGE DISTRICT

TO: Board of Trustees
FROM: Bruce Baron, Chancellor
REVIEWED BY: Dr. Lawrence Buckley, Interim President, SBVC
PREPARED BY: Dr. Haragewen Kinde, Interim Vice President, Instruction SBVC
DATE: May 17, 2012
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 2013-2014 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
May 17, 2012

NEW COURSE

Department: Pharmacy Technology
Course ID: PHT 060
Course Title: PHARMACY SYSTEMS I
Units: 3
Lecture: 2 contact hour(s) per week
32 - 36 contact hours per semester
Laboratory: 3 contact hour(s) per week
48 - 54 contact hours per semester
Prerequisites: BIOL 155 or BIOL 250 and BIOL 251 or BIOL 260 and BIOL 261
Corequisite: MATH 090

Catalog Description: This class introduces the student to the field of pharmacy, its history, environment, and processes. It emphasizes out-patient/community service pharmacy settings in issues of prescription processing, pharmacy business management, federal laws/regulation, protocol procedures, and pharmacy references/associations for assistance.

Schedule Description: The student will learn to read and process prescriptions in out-patient/community pharmacy settings.

Rationale: The Pharmacy Technology program is creating the curriculum due to changes in requirements designated by the Pharmacy Technician Certification Board.

Effective: FA13

Department: Pharmacy Technology
Course ID: PHT 063
Course Title: PHARMACOLOGY FOR PRE-HEALTH CARE PROFESSIONALS
Units: 3
Lecture: 2 contact hour(s) per week
32 - 36 contact hours per semester
Laboratory: 3 contact hour(s) per week
48 - 54 contact hours per semester
Prerequisite: BIOL 155 or BIOL 250 and BIOL 251 or BIOL 260 and BIOL 261

Catalog Description: This is an introductory pharmacology course for the pre-health care student. Topics include the therapeutic uses of medications as they are administered to the body systems and their classifications. The medication's basic indications, drug dosages, dosage forms, routes of administration, side effects, special directions of use, and drug interactions will be distinguished. Emphasis will be placed on the biological mechanisms of the medication's interactions in the physiology of the human body.

Schedule Description: Topics include therapeutic uses of medications as they are administered to the body systems and their classifications. Emphasis will be placed on the biological mechanisms of the medication's interactions in the physiology of the human body.

Stand Alone Course: APPROVED

Rationale: The Pharmacy Technology program is creating the curriculum due to changes in requirements designated by the Pharmacy Technician Certification Board.

Effective: FA13

Curriculum Meetings: 04-02-12; 04-16-12

Conjoint Meeting: 04-23-12

Board of Trustees Meeting: May 17, 2012

NEW COURSE

Department: Reading & Study Skills
Course ID: READ 951
Course Title: READING SKILLS I AND II
Units: 4
Lecture: 4 contact hour(s) per week
64 - 72 contact hours per semester

Prerequisite: A score of 48 or above in SBVC Reading Assessment.

Catalog Description: This course is a basic skills reading course that prepares students for READ 015 and ENG 914. It is designed to assist students in improving reading through an emphasis on word attack skills, vocabulary development, general comprehension skills, and basic writing conventions. Study strategies, specific to identified learning styles and strengths will be incorporated. READ 951 is an accelerated program, meant to develop skills normally taught in READ 920 and READ 950.

Schedule Description: This course is a basic skills reading course that prepares students for READ 015 and ENG 914. It is designed to assist students in improving reading through an emphasis on word attack skills, vocabulary development, general comprehension skills, and basic writing conventions. Study strategies, specific to identified learning styles and strengths will be incorporated. READ 951 is an accelerated program, meant to develop skills normally taught in READ 920 and READ 950.

Rationale: The Reading and Study Skills program is creating the accelerated model curriculum to allow students to complete both READ 920 and READ 950 in 18 weeks. With the shortage of reading courses, this accelerated model will allow students to access ENGL 914 sooner.

Effective: FA12

MODIFY COURSE

COURSE ID	COURSE TITLE
AERO 124	AIRCRAFT POWER PLANTS

Course Title: AIRCRAFT POWERPLANTS

Catalog Description: This course is a study of the operating principles and construction highlights of both reciprocating and jet aircraft engines. It is appropriate for both the aviator and prospective pilot.

Schedule Description: This course is a study of the operating principles and construction highlights of both reciprocating and jet aircraft engines. It is appropriate for both the aviator and prospective pilot.

Rationale: Content review

Effective: FA13

Curriculum Meetings: 04-02-12; 04-16-12

Conjoint Meeting: 04-23-12

Board of Trustees Meeting: May 17, 2012

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MODIFY COURSE

COURSE ID	COURSE TITLE
AERO 125	FLIGHT SAFETY

Catalog Description: This course provides an in-depth study of flight safety. Topics include flight safety records, aircraft accident prevention, causal factors, agencies and organizations contributing to flight safety, pilot and command responsibilities, liability and litigation.

Schedule Description: This course provides an in-depth study of flight safety. Topics include flight safety records, aircraft accident prevention, causal factors, agencies and organizations contributing to flight safety, pilot and command responsibilities, liability and litigation.

Rationale: Content review

Effective: FA13

COURSE ID	COURSE TITLE
AERO 134	CIVIL AVIATION MANAGEMENT AND LAWS

Catalog Description: This course covers the history of civil aviation in the United States including federal legislation, international treaties and agreements, and regulations pertaining to the management of airports and airplane companies.

Schedule Description: This course covers the history of civil aviation in the United States including federal legislation, international treaties and agreements, and regulations pertaining to the management of airports and airplane companies.

Rationale: Content review

Effective: FA13

COURSE ID	COURSE TITLE
AERO 144	AVIATION WEATHER

Catalog Description: This course includes the study of aviation weather and covers basic and hazardous weather, analysis of development and interpretation of weather reports, forecasts, and charts as they relate to aircraft operation and flight safety.

Schedule Description: This course includes the study of aviation weather and covers basic and hazardous weather, analysis of development and interpretation of weather reports, forecasts, and charts as they relate to aircraft operation and flight safety.

Rationale: Content review

Effective: FA13

Curriculum Meetings: 04-02-12; 04-16-12

Conjoint Meeting: 04-23-12

Board of Trustees Meeting: May 17, 2012

MODIFY COURSE

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

Course Title: EMISSION/SMOG CHECK TECHNICIAN TRAINING

Catalog Description: This course provides students with the information and skills necessary to complete a smog inspection and perform repairs in the basic and advanced inspection areas according to the Bureau of Automotive Repair (BAR) guidelines. The course includes engine and emission controls (Level 1) and smog check (Level 2) training in inspection procedures. Upon satisfactory completion of the course, students receive a state certificate for both Level 1 and Level 2.

Schedule Description: This course provides students with the information and skills necessary to complete a smog inspection and perform repairs in the basic and advanced inspection areas according to the Bureau of Automotive Repair (BAR) guidelines. The course includes engine and emission controls (Level 1) and smog check (Level 2) training in inspection procedures. Upon satisfactory completion of the course, students receive a state certificate for both Level 1 and Level 2.

Rationale: The Automotive program is modifying the curriculum due to changes in requirements designated by the Bureau of Automotive Repair (BAR) guidelines.

Effective: FA13

COURSE ID	COURSE TITLE
DANCE 206X4	DANCE PRODUCTION

Lecture: None

Laboratory: 12 contact hour(s) per week
192 - 216 contact hours per semester

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

Catalog Description: This course provides instruction and analysis of all aspects of dance production including organizing a dance production; publicity and marketing; budget; theatrical and dance lighting; set design; costumes and makeup; and instruction in elements of physical theater, such as stage terminology, stage directions, and roles of theatre personnel. This course may be taken four times.

Schedule Description: This course provides instruction and analysis of all aspects of dance production, including choreography, budget, publicity, costumes, stage directions, and set design. This course may be taken four times.

Rationale: Content review

Effective: FA13

Curriculum Meetings: 04-02-12; 04-16-12

Conjoint Meeting: 04-23-12

Board of Trustees Meeting: May 17, 2012

MODIFY COURSE

COURSE ID	COURSE TITLE
PE 232	PREVENTION AND CARE OF ATHLETIC INJURIES

Prerequisite: None

Departmental Advisory: PE 231

Catalog Description: This is an introductory course in the recognition, assessment, management, care, and prevention of injuries occurring during physical activities. Basic taping techniques, as well as the proper selection and use of treatment modalities, are included.

Schedule Description: This is an introductory course in the recognition, assessment, management, care, and prevention of injuries occurring during physical activities. Basic taping techniques, as well as the proper selection and use of treatment modalities, are included.

Rationale: Content review

Effective: FA13

COURSE ID	COURSE TITLE
PHT 030	PHARMACOLOGY

Course ID: PHT 062

Prerequisite: BIOL 155 or BIOL 250 and BIOL 251 or BIOL 260 and BIOL 261

Catalog Description: This course applies the therapeutic uses of medications as they are administered to the body systems and its classifications emphasizing basic indications, drug dosages, dosage forms, routes of administration, side effects, special directions of use, and drug interactions. *(Formerly PHT 030)*

Schedule Description: This course applies the therapeutic uses of medications as they are administered to the body systems and its classifications emphasizing basic indications, drug dosages, dosage forms, routes of administration, side effects, special directions of use, and drug interactions. *(Formerly PHT 030)*

Rationale: The Pharmacy Technology program is creating the curriculum due to changes in requirements designated by the Pharmacy Technician Certification Board.

Effective: FA13

COURSE ID	COURSE TITLE
PHT 031	PHARMACY CALCULATIONS

Course ID: PHT 064

Prerequisite: MATH 090 or eligibility for MATH 095 as determined through the SBVC assessment process

Catalog Description: In this course students apply mathematical skills to the calculation of medication dosages, intravenous solutions, and pharmacy operations. *(Formerly PHT 031)*

Schedule Description: In this course students apply mathematical skills to the calculation of medication dosages, intravenous solutions, and pharmacy operations. *(Formerly PHT 031)*

Rationale: The Pharmacy Technology program is creating the curriculum due to changes in requirements designated by the Pharmacy Technician Certification Board.

Effective: FA13

Curriculum Meetings: 04-02-12; 04-16-12

Conjoint Meeting: 04-23-12

Board of Trustees Meeting: May 17, 2012

MODIFY COURSE

COURSE ID	COURSE TITLE
PHT 041	PHARMACY SYSTEMS

Course ID: PHT 070

Course Title: PHARMACY SYSTEMS II

Prerequisite: PHT 060 and PHT 062 and PHT 064

Catalog Description: This course covers the application of advanced distribution and methods for dispensing medications within a laboratory setting. It emphasizes advanced concepts of pharmacy inventory control, data input, and repackaging systems. *(Formerly PHT 041)*

Schedule Description: This course covers the application of advanced distribution and methods for dispensing medications within a laboratory setting. It emphasizes advanced concepts of pharmacy inventory control, data input, and repackaging systems. *(Formerly PHT 041)*

Rationale: The Pharmacy Technology program is creating the curriculum due to changes in requirements designated by the Pharmacy Technician Certification Board.

Effective: FA13

COURSE ID	COURSE TITLE
PHT 042	PHARMACY INTERN SEMINAR

Course ID: PHT 074

Course Title: PHARMACY SEMINAR

Units: 2

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

Prerequisites: PHT 060 and PHT 062 and PHT 064 and PHT 070 or

Corequisites: PHT 070 and PHT 072

Catalog Description: This course reviews the duties of a pharmacy technician in the out-patient/community and the in-patient/institutional setting in the areas of pharmacy management/administration, pharmacy federal laws/regulation, and pharmacology. *(Formerly PHT 042)*

Schedule Description: This course reviews the duties of a pharmacy technician in the out-patient/community and the in-patient/institutional setting in the areas of pharmacy management/administration, pharmacy federal laws/regulation, and pharmacology. *(Formerly PHT 042)*

Rationale: The Pharmacy Technology program is creating the curriculum due to changes in requirements designated by the Pharmacy Technician Certification Board.

Effective: FA13

Curriculum Meetings: 04-02-12; 04-16-12

Conjoint Meeting: 04-23-12

Board of Trustees Meeting: May 17, 2012

MODIFY COURSE

COURSE ID	COURSE TITLE
PHT 043	PHARMACY CLINICAL EXPERIENCE

Course ID: PHT 072

Units: 3

Laboratory: 9 contact hour(s) per week
144 - 162 contact hours per semester

Prerequisites: PHT 060 and PHT 062 and PHT 064 and PHT 070 or

Corequisites: PHT 070 and PHT 074

Catalog Description: In this course, students study the application of prescription processing, inventory management and dispensing of medications in a pharmacy under the direct supervision of a pharmacist. It emphasizes use of a pharmacy data base, customer service, communication and professional ethics.
(Formerly PHT 043)

Schedule Description: In this course, students study the application of prescription processing, inventory management and dispensing of medications in a pharmacy under the direct supervision of a pharmacist. It emphasizes use of a pharmacy data base, customer service, communication and professional ethics.
(Formerly PHT 043)

Rationale: The Pharmacy Technology program is creating the curriculum due to changes in requirements designated by the Pharmacy Technician Certification Board.

Effective: FA13

COURSE ID	COURSE TITLE
PS 101	INTRODUCTION TO PHYSICAL SCIENCE

Prerequisites: MATH 952 or eligibility for MATH 090 as determined by the SBVC assessment process and ENGL 914 or eligibility for ENGL 015 as determined by the SBVC assessment process

Catalog Description: This course introduces students to the contribution of chemistry, physics, astronomy, geology and oceanography in understanding the basic principles of physical science in our everyday life.

Schedule Description: This course introduces students to the contribution of chemistry, physics, astronomy, geology and oceanography in understanding the basic principles of physical science in our everyday life.

Rationale: Prerequisites have been added in order to improve student success.

Effective: FA13

Curriculum Meetings: 04-02-12; 04-16-12

Conjoint Meeting: 04-23-12

Board of Trustees Meeting: May 17, 2012

DISTRIBUTED EDUCATION

PHT 060	100% ONLINE	Effective Date: FA13
PHT 062	100% ONLINE	Effective Date: FA13
PHT 063	100% ONLINE	Effective Date: FA13
PHT 064	100% ONLINE	Effective Date: FA13
PHT 070	100% ONLINE	Effective Date: FA13
PHT 072	100% ONLINE	Effective Date: FA13
PHT 074	100% ONLINE	Effective Date: FA13

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.

DELETE COURSES

CD 050A-Z
DANCE 203
ESL 906
WELD 062
WELD 063
WELD 064X4

Effective: FA12

Rationale: Courses are no longer offered

MODIFY DEGREE

Pharmacy Technology A.S. Degree Major

To earn an Associate Degree with a specialization in Pharmacy Technology, students must complete the required courses plus the general breadth requirements (minimum total = 60 units).

REQUIRED COURSES:

Complete the following courses with a grade of C or higher:

		Units
PHT 060	Pharmacy Systems I	3
PHT 062	Pharmacology	3
PHT 064	Pharmacy Calculations	3
PHT 070	Pharmacy Systems II	3
PHT 072	Pharmacy Clinical Experience	3
PHT 074	Pharmacy Seminar	2
Choose one of the following:		0
BIOL 155	Introductory Anatomy and Physiology	4
	or	
BIOL 250	Human Anatomy and Physiology I	4
	and	
BIOL 251	Human Anatomy and Physiology II	4
	or	
BIOL 260	Human Anatomy	4
	and	
BIOL 261	Human Physiology	4

Total Units

21 - 25

Effective: FA13

Rationale: Content Review; course renumbering.

DELETE DEGREE

CONSOLIDATED WELDING A.S. DEGREE

Effective: FA12

Rationale: The required Consolidated Welding courses are being deleted.

Curriculum Meetings: 04-02-12; 04-16-12

Conjoint Meeting: 04-23-12

Board of Trustees Meeting: May 17, 2012

MODIFY CERTIFICATE

Pharmacy Technology Certificate

This certificate is designed to prepare the student for entry-level employment as a pharmacy technician, assisting pharmacists to provide medication and other healthcare products to patients; receiving and verifying written prescriptions, requests for prescription refills from patients, or electronic prescriptions sent from doctors' offices; retrieving, counting, pouring, weighing, measuring, and sometimes mixing medications; and preparing containers and labels for medications. Technicians may also establish and maintain patient profiles, prepare insurance claim forms, and stock and take inventory of prescription and over-the-counter medications. Students working for certificates must have a basic knowledge of elementary algebra, reading and writing in order to learn and work in the occupations they select.

REQUIRED COURSES:

Complete the following courses with a grade of C or better:

		Units
ENGL 015	Preparation for College Writing	0 - 4
or eligibility for ENGL 101 or ENGL 101H as determined by the SBVC assessment process		0
MATH 090	Elementary Algebra	0 - 4
or eligibility for MATH 095 as determined by the SBVC assessment process		0
PHT 060	Pharmacy Systems I	3
PHT 062	Pharmacology	3
PHT 064	Pharmacy Calculations	3
PHT 070	Pharmacy Systems II	3
PHT 072	Pharmacy Clinical Experience	3
PHT 074	Pharmacy Seminar	2
Choose one of the following:		0
BIOL 155	Introductory Anatomy and Physiology	4
or		
BIOL 250	Human Anatomy and Physiology I	4
and		
BIOL 251	Human Anatomy and Physiology II	4
or		
BIOL 260	Human Anatomy	4
and		
BIOL 261	Human Physiology	4

Total Units

21 - 33

Effective: FA13

Rationale: Content Review; course renumbering.

Curriculum Meetings: 04-02-12; 04-16-12

Conjoint Meeting: 04-23-12

Board of Trustees Meeting: May 17, 2012

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MODIFY CERTIFICATE

RTVF Film Certificate

To complete a Film certificate, students must complete the following courses for a total of 21 units.

Students pursuing a certificate in film production explore opportunities in film and narrative television (e.g., dramatic series) and are eligible for entry level work in television or film after completion of the certificate.

Required Course:

		Units
RTVF 100	Introduction to Electronic Media	3
	or	
COMMST 135	Mass Media and Society	3

Required Film Concentration Courses:

		Units
RTVF 101	Introduction to Cinema	3
RTVF 106	Media Writing	3
RTVF 131	Digital Video Editing	3
RTVF 240	Motion Picture Production	3

Choose two (2) courses from the following:

		Units
RTVF 132	Lighting and Cinematography	3
RTVF 134	Acting and Directing for Television and Film	3
RTVF 232	News and Film-Style Digital Video Editing	3

Total Units

21

Effective: FA13

Rationale: Content Review

Curriculum Meetings: 04-02-12; 04-16-12

Conjoint Meeting: 04-23-12

Board of Trustees Meeting: May 17, 2012

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MODIFY CERTIFICATE

RTVF Television Certificate

To complete a Television certificate, students must complete the following courses for a total of 21 units.

Students pursuing a certificate in television production explore opportunities in live and produced video production, including broadcasting, cable, business, education, and new media and are eligible for entry level work in television or video production after completion of the certificate.

Required Course:

		Units
RTVF 100	Introduction to Electronic Media	3
	or	
COMMST 135	Mass Media and Society	3

Required Television Concentration Courses:

		Units
RTVF 130	Introduction to Studio Production	3
RTVF 131	Digital Video Editing	3
RTVF 133	Video Field Production	3

Choose one (1) course from the following:

		Units
RTVF 104	Basic Writing for Broadcasting	3
RTVF 106	Media Writing	3

Choose one (1) course from the following:

		Units
RTVF 132	Lighting and Cinematography	3
RTVF 230	Intermediate Studio Production	3

Choose one (1) course from the following:

		Units
RTVF 221	Broadcast Station Management	3
RTVF 231	Advanced Video Production	3
RTVF 232	News and Film-Style Digital Video Editing	3

Total Units

21

Effective: FA13

Rationale: Content Review

DELETE CERTIFICATE

CONSOLIDATED WELDING CERTIFICATE

Effective: FA12

Rationale: The required Consolidated Welding courses are being deleted.

CORRECTION

The effective date for the Graduation Requirements was incorrect on the April 15, 2012 Board of Trustees document. The correct effective date is FA12 not FA13.

Curriculum Meetings: 04-02-12; 04-16-12

Conjoint Meeting: 04-23-12

Board of Trustees Meeting: May 17, 2012

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