

SAN BERNARDINO VALLEY COLLEGE
SUBMITTED FOR BOARD OF TRUSTEE APPROVAL
March 12, 2015

NEW COURSE

Course ID: HIST 175
Course Title: Comparative History of Genocide and War Crimes
Units: 3
Lecture: 3 contact hour(s) per week
48 - 54 contact hours per semester

Prerequisite: ENGL 015 or eligibility for ENGL 101 or 101H as determined by the SBVC assessment process.
Catalog Description: This course teaches the comparative history of genocide and war crimes during the 20th and 21st centuries. Students will study the phenomenon in a cross-cultural framework and will learn about the various socio-cultural and political organizations that have combatted genocide and rendered it a criminal act under international law.

Schedule Description: This course teaches the comparative history of genocide and war crimes during the 20th and 21st centuries. Students will study the phenomenon in a cross-cultural framework and will learn about the various socio-cultural and political organizations that have combatted genocide and rendered it a criminal act under international law.

Rationale: The TMC requires history majors to have three units in a diversity course. This would be included in the Social and Behavioral Science category.

Effective: FA16

Course ID: PHT 067
Course Title: Pharmacology II
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: PHT 060
PHT 062
PHT 064

Departmental Advisory: None.

Catalog Description: This course continues to apply the therapeutic uses of administered medications into the human anatomy and physiology by a drug's pharmacokinetics and pharmacodynamics. Emphasis is placed on but not limited to a medication's brand/generic name, mechanisms of action, dosage forms, routes of administration, directions of use, standard dosage schedules, indications, basic side effects, adverse affects, contraindications, precautions, drug interactions, and any special black box warnings. Added topics to the course includes medication adjustments for special populations and use of common antidotes for medications

Schedule Description: This course continues to focus on the therapeutic uses of administered medications applicable to the human anatomy and physiology by a dug's pharmacokinetics and pharmacodynamics.

Rationale: This pharmacology course must be added due to the expanded information required for the updated Pharmacy Technician Certification Examination, 1 November 2013; and the new American Society of Health-System Pharmacists accreditation standards, 1 January 2014.

Effective: FA15

MODIFY COURSE

COURSE ID	COURSE TITLE
GIS 130	GEOGRAPHIC INFORMATION SYSTEMS

Catalog Description: This course provides an introduction to the fundamentals of Geographic Information Systems (GIS), including the history of automated mapping. The course includes a brief introduction to basic cartographic principles, including map scales, coordinate systems and map projections. GIS hardware and software are explored, as are various applications of GIS technology used in environmental science, business and government. (This course is also offered as GEOG 130).

Schedule Description: This course provides an introduction to the fundamentals of Geographic Information Systems (GIS), including the history of automated mapping. The course includes a brief introduction to basic cartographic principles, including map scales, coordinate systems and map projections. (This course is also offered as GEOG 130).

Rationale: Adding the statement (This course is also offered as GEOG 130).

Effective: FA15

COURSE ID	COURSE TITLE
MACH 074	SET-UP AND OPERATION OF CNC MACHINES

Prerequisite: None.

Rationale: Remove prerequisite MACH 073. Various community colleges in California do not require prerequisites and co-requisites for this same course. Without the removal of prerequisites/co-requisites the machine trades courses will continue to struggle to fill and will also require prerequisites/co-requisites waiver forms.

Effective: FA15

COURSE ID	COURSE TITLE
MACH 075	INTRODUCTION TO COMPUTER AIDED DESIGN/SOLIDWORKDS

Prerequisite: None.

Rationale: Remove Co-requisite MACH 090 Various community colleges in California do not require prerequisites and co-requisites for this same course. Without the removal of prerequisites/co-requisites the machine trades courses will continue to struggle to fill and will also require prerequisites/co-requisites waiver forms.

Effective: FA15

COURSE ID	COURSE TITLE
MACH 090	MECHANICAL PRINT READING, GEOMETRIC DIMENSIONING AND TOLERANCING

Prerequisite: None.

Rationale: Remove Co-requisite MACH 075 Various community colleges in California do not require prerequisites and co-requisites for this same course. Without the removal of prerequisites/co-requisites the machine trades courses will continue to struggle to fill and will also require prerequisites/co-requisites waiver forms

Effective: FA15

COURSE ID	COURSE TITLE
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PHT 062	PHARMACOLOGY I
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Title: Pharmacology I

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

Catalog Description: This course introduces the basic pharmacology principles of pharmacokinetics and pharmacodynamics as it applies the therapeutic uses of medications being administered to the human body systems. The student will identify the medication's classifications, emphasizing basic indications, drug dosages, dosage forms, routes of administration, side effects, special directions of use, and drug interactions with other medications, foods, and/or nutrient supplements.

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

Rationale: This course is being modified due to the extended information requirements in the updated changes to the Pharmacy Technician Certification Board examination as of 1 November 2013, and the new accreditation standard of the American Society of Health-System Pharmacists as of 1 January 2014 for its model curriculum.

Effective: FA15

COURSE ID	COURSE TITLE
PHT 070	PHARMACY SYSTEMS II

Prerequisite: PHT 060

Co-requisite: PHT 062 and PHT 064

Catalog Description: This course covers the application of advanced preparation, distribution and methods for dispensing medications within a institutional pharmacy setting. It emphasizes advanced concepts of medication order processing, non-sterile compounding, sterile compounding, pharmacy business management, data management, pharmacy safety, and pharmacy error prevention under the supervision of a pharmacist.

Schedule Description: This course covers the application of advanced preparation, distribution and methods for dispensing medications within a institutional pharmacy setting under the supervision of a pharmacist.

Rationale: This course is being modified due to the extended information requirements in the updated changes to the Pharmacy Technician Certification Board examination as of 1 November 2013, and the new accreditation standard of the American Society of Health-System Pharmacists as of 1 January 2014 for its model curriculum.

Effective: FA15

COURSE ID	COURSE TITLE
PHT 072	PHARMACY CLINICAL EXPERIENCE

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. Students will complete a minimum of 160 experiential hours in a minimum of two site locations.

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. Students will complete a minimum of 160 experiential hours in a minimum of two site locations.

Rationale: Modification must be made to reflect American Society of Health-System Pharmacists' new accreditation standard as of 1 January 2014.

Effective: FA15

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DELETE COURSE

MACH 010x2

Rationale: Course is no longer offered.

Effective: FA15

DISTRIBUTED EDUCATION

GIS 130
PHT 062

PHT 070
PHT 072

HIST 175
PHT 067

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: FA15

NEW DEGREE

Kinesiology Associates of Arts Degree – AA

The A.A. in Kinesiology is designed to prepare students who wish to pursue a Bachelor's Degree from a four-year institution. At the four-year institution, students may choose to specialize in one particular aspect of Kinesiology, such as Adapted Physical Education, Athletic Training, Coaching, Fitness, Exercise Science, Physical Therapy or Teaching. Students planning to transfer to a four-year institution and major in Kinesiology should consult with a counselor regarding the transfer process and lower division requirements because additional courses may be required at some institutions. Completion of the CSU General Education-Breadth (CSUGE) or Intersegmental General Education Transfer Curriculum (IGETC) for CSU is required in addition to the major requirements listed below:

Required Courses

		Units
BIOL250	Human Anatomy and Physiology I	4
	and	
BIOL251	Human Anatomy and Physiology II	4
	or	
BIOL260	Human Anatomy	4
	and	
BIOL261	Human Physiology	4
HEALTH101	Health Education	3
KIN200	Introduction to Physical Education and Kinesiology	3
KIN232	Prevention and Care of Athletic Injuries	3
PSYCH100	General Psychology	3
	or	
PSYCH100H	General Psychology - Honors	3

Required Individual Activity Courses (select one course)

		Units
KINS103A	Beginning Badminton	1

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KINF112A	Beginning Body Conditioning	1
KINF127A	Beginning Walking for Fitness	1
KINF132A	Beginning Distance Running	1
KINF142A	Beginning Conditioning for Sports	1
KINF190A	Beginning Tai Chi	1
KINF168A	Beginning Yoga	1
PE/I105X4	PE/I-105X4 Low Impact Aerobics	1
KINF108B	Intermediate Weight Training	1

Required Team Activity Courses (select one course)

Units

KINS112A	Beginning Indoor Soccer	1
KINS100A	Beginning Baseball	1
KINS104B	Intermediate Basketball	1
KINS108A	Beginning Football	1
KINS116C	Advanced Soccer	1
KINS120A	Beginning Softball	1
KINS124A	Beginning Volleyball	1
KINX110Ax3	Intercollegiate Cross Country - Men	3
KINX111Ax3	Intercollegiate Cross Country - Women	3
KINX112Ax3	Intercollegiate Football - Offense	3
KINX113Ax3	Intercollegiate Football - Defense	3
KINX114Ax3	Intercollegiate Soccer - Men	3
KINX115Ax3	Intercollegiate Soccer - Women	3
KINX120Ax3	Intercollegiate Basketball - Men, Fall	3
KINX121Ax3	Intercollegiate Basketball - Women, Fall	3
KINX116Ax3	Intercollegiate Volleyball - Women	3
KINX130Ax3	Intercollegiate Baseball	3
KINX131Ax3	Intercollegiate Softball	3
KINX132Ax3	Intercollegiate Track and Field - Men	3
KINX133Ax3	Intercollegiate Track and Field - Women	3

Electives (select two courses)

Units

CHEM101	Introductory Chemistry	4
FN162	Nutrition	3
KIN201	Mental Skills for Sport Performance	3
KIN202	History of Physical Education and Sport in the United States	3
KIN231	First Aid and CPR	3
KIN236	Stress Management and Wellness	3

Total Units

28 - 31

NOTE: Chemistry 101 is a required pre-requisite for Biology 250, 251 and 261

Rationale: The A.A. in Kinesiology is designed to prepare students who wish to pursue a Bachelor's Degree from a four-year institution. At the four-year institution, students may choose to specialize in one particular aspect of Kinesiology, such as Adapted Physical Education, Athletic Training, Coaching, Fitness, Exercise Science, Physical Therapy or Teaching.

Effective: FA15

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MODIFY DEGREE

Art Associates of Arts Degree - AA

To graduate with a specialization in Art, students must complete the following required courses plus the general breadth requirements for the Associate Degree (total = 60 units). The art courses chosen should reflect the individual student's interests.

REQUIRED COURSES:

		Units
ART100	Art History: The Stone Age to the Middle Ages	3
ART102	Art History: Renaissance to Present	3
	or	
ART105	History of Modern Art	3
	or	
ART107	Art History: Africa, Asia, the Americas, and Oceania	3
	or	
ART108	Art of Mexico and Mesoamerica	3
ART120	Two-Dimensional Design	3
	or	
ART175A	Beginning Sculpture	3
	or	
ART212A	Beginning Ceramics	3
ART124A	Beginning Drawing	3
ART126A	Beginning Painting	3
	or	
ART132A	Beginning Life Drawing	3
ART148	Beginning Computer Graphic Design	3
ART161	Digital Photography	3
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Total Units		21

Rationale: Content Review.

Effective: FA15

Graphic Design Associates of Arts Degree - AA

To graduate with a specialization in Graphic Design, students must complete the following required courses plus the general breadth requirements for the Associate Degree (total =60 units). The art courses chosen should reflect the individual student's interests.

REQUIRED COURSES:

		Units
ART100	Art History: The Stone Age to the Middle Ages	3
ART102	Art History: Renaissance to Present	3
	or	
ART105	History of Modern Art	3
	or	
ART107	Art History: Africa, Asia, the Americas, and Oceania	3
	or	
ART108	Art of Mexico and Mesoamerica	3
ART120	Two-Dimensional Design	3

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ART124A	Beginning Drawing	3
ART145	Fundamentals of Graphic Design	3
ART148	Beginning Computer Graphic Design	3
ART161	Digital Photography	3

Three units from the list of recommended courses:

RECOMMENDED COURSES:		Units
ART126A	Beginning Painting	3
ART132A	Beginning Life Drawing	3
ART149	Intermediate Computer Graphic Design	3
ART180	Beginning 3D Computer Animation	3
BUSAD100	Introduction to Business	3
Total Units		24

Rationale: Content Review.

Effective: FA15

Pharmacy Technology Associates of Science Degree – AS

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:		Units
Complete the following courses with a grade of C or higher:		
PHT060	Pharmacy Systems I	3
PHT062	Pharmacology I	3
PHT064	Pharmacy Calculations	3
PHT067	Pharmacology II	3
PHT070	Pharmacy Systems II	3
PHT072	Pharmacy Clinical Experience	3
PHT074	Pharmacy Seminar	2
Choose one of the following:		
BIOL155	Introductory Anatomy and Physiology	4
or		
BIOL250	Human Anatomy and Physiology I	4
and		
BIOL251	Human Anatomy and Physiology II	4
or		
BIOL260	Human Anatomy	4
and		
BIOL261	Human Physiology	4

Total Units **24 - 28**

This is a Gainful Employment Program

Rationale: Adjustments required due to ASHP accreditation standards and PTCB examination requirements. Adding PHT 067 Pharmacology II as an extension for PHT 062 Pharmacology I.

Effective: FA15

MODIFY CERTIFICATE

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Graphic Design Certificate

This certificate is designed to prepare students for entry-level work using a variety of print, electronic, and film media to create designs that meet clients' commercial needs.

REQUIRED COURSES:

		Units
ENGL015	Preparation for College Writing	0 - 4
	or eligibility for ENGL 101 or ENGL 101H as determined by the SBVC assessment process.	0
ART100	Art History: The Stone Age to the Middle Ages	3
	or	
ART102	Art History: Renaissance to Present	3
	or	
ART102H	Art History: Renaissance to Present - Honors	3
	or	
ART105	History of Modern Art	3
	or	
ART107	Art History: Africa, Asia, the Americas, and Oceania	3
	or	
ART108	Art of Mexico and Mesoamerica	3
ART120	Two-Dimensional Design	3
ART145	Fundamentals of Graphic Design	3
ART148	Beginning Computer Graphic Design	3
ART149	Intermediate Computer Graphic Design	3
ART161	Digital Photography	3
ART185	Beginning Website Design	3
	or	
BUSAD100	Introduction to Business	3
Total Units		21 - 25

This is a Gainful Employment Program

Rationale: Content Review

Effective: FA15

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
ENGL015	Preparation for College Writing	0 - 4
	or eligibility for ENGL 101 or ENGL 101H as determined by the SBVC assessment process	0
MATH090	Elementary Algebra	0 - 4
	or eligibility for MATH 095 as determined by the SBVC assessment process	0

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PHT060	Pharmacy Systems I	3
PHT062	Pharmacology I	3
PHT064	Pharmacy Calculations	3
PHT067	Pharmacology II	3
PHT070	Pharmacy Systems II	3
PHT072	Pharmacy Clinical Experience	3
PHT074	Pharmacy Seminar	2
Choose one of the following:		0
BIOL155	Introductory Anatomy and Physiology	4
	or	
BIOL250	Human Anatomy and Physiology I	4
	and	
BIOL251	Human Anatomy and Physiology II	4
	or	
BIOL260	Human Anatomy	4
	and	
BIOL261	Human Physiology	4

Total Units

24 - 36

This is a Gainful Employment Program

Rationale: Adjustments required due to ASHP accreditation standards and PTCB examination requirements. Adding PHT 067 Pharmacology II as an extension for PHT 062 Pharmacology I.

Effective: FA15

Web and Multimedia Design Certificate

This certificate is designed to prepare students for entry-level work in a variety of occupations related to web site design, development, creation, and maintenance.

REQUIRED COURSES:

		Units
ENGL015	Preparation for College Writing	0 - 4
	or eligibility for ENGL 101 or ENGL 101H as determined by the SBVC assessment process.	0
ART100	Art History: The Stone Age to the Middle Ages	3
	or	
ART102	Art History: Renaissance to Present	3
	or	
ART102H	Art History: Renaissance to Present - Honors	3
	or	
ART105	History of Modern Art	3
	or	
ART107	Art History: Africa, Asia, the Americas, and Oceania	3
	or	
ART108	Art of Mexico and Mesoamerica	3
ART120	Two-Dimensional Design	3
ART148	Beginning Computer Graphic Design	3
ART161	Digital Photography	3
ART185	Beginning Website Design	3

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ART186	Interactive Web Design	3
Three units from the list of recommended courses:		Units
ART180	Beginning 3D Computer Animation	3
	or	
BUSAD100	Introduction to Business	3
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Total Units		21 - 25

This is a Gainful Employment Program

Rationale: Content Review

Effective: FA15