

## SAN BERNARDINO COMMUNITY COLLEGE DISTRICT

TO: Board of Trustees  
FROM: Bruce Baron, Chancellor  
REVIEWED BY: Diana Rodriguez, President, SBVC  
PREPARED BY: Dr. James Smith, Interim Vice President, Instruction, SBVC  
DATE: January 18, 2018  
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 for addition, modification, and deletion by the Curriculum Committee of the Academic Senate and will be included in the 2018-2019 or 2019-2020 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**  
**January 18, 2018**

**NEW COURSE**

*Addition to the 2018-2019 College Catalog*

**Course ID:** **AERO 600**  
**Course Title:** Introduction to Aviation Technology  
**Units:** 0  
**Lecture:** 16 contact hour(s) per semester  
**Laboratory:** 48 contact hour(s) per semester  
**Prerequisite:** None.  
**Catalog Description:** This noncredit introductory course gives students hands-on experience with airframe and powerplant aviation technology. It will focus on aviation principles, maintenance practices, and careers.  
**Schedule Description:** This noncredit introductory course gives students hands-on experience with airframe and powerplant aviation technology. It will focus on aviation principles, maintenance practices, and careers.  
**Rationale:** This course will allow students to explore aviation technology and careers at an introductory level. The students will be introduced to aviation certificate and associate programs offered at SBVC. The course will allow students to decide if aviation is for them as well as making an easier transition into the SBVC aeronautics program  
**TOP Code:** 0950.00  
**Equate:** Course not offered at CHC.  
**Effective:** Fall 2018

**NEW COURSE**

*Addition to the 2019-2020 College Catalog*

**Course ID:** **BIOL 102**  
**Course Title:** Human Biology  
**Units:** 3  
**Lecture:** 3 contact hour(s) per week  
48 - 54 contact hours per semester  
**Prerequisite:** ENGL 015 or eligibility for ENGL 101 or ENGL 101H as determined by the SBVC assessment process.  
**Catalog Description:** This is an introductory course that introduces biological principles with an emphasis on the human body. Topics include cell biology, histology, major body systems, genetics and heredity, human interaction with the environment, and major human diseases.  
**Schedule Description:** This is an introductory course that introduces biological principles with an emphasis on the human body. Topics include cell biology, histology, major body systems, genetics and heredity, human interaction with the environment, and major human diseases.  
**Rationale:** Enhance general Biology course offerings and update curriculum.  
**TOP Code:** 0499.00  
**Equate:** Course not offered at CHC.  
**Effective:** \*Fall 2019

## NEW COURSE

### *Addition to the 2019-2020 College Catalog*

<b>Course ID:</b>	<b>CHIN 101</b>
<b>Course Title:</b>	College Mandarin Chinese I
<b>Units:</b>	5
<b>Lecture:</b>	5 contact hour(s) per week 80 - 90 contact hours per semester
<b>Departmental Advisory:</b>	ENGL 015 or eligibility for ENGL 101 or ENGL 101H as determined by the SBVC assessment process.
<b>Catalog Description:</b>	In this course students develop four major linguistic skills: listening comprehension, speaking, reading and writing in Mandarin Chinese at the beginning level. The course includes the study of essentials of pronunciation, vocabulary and grammatical patterns along with an introduction to the Chinese culture and the geography of the Chinese-speaking world.
<b>Schedule Description:</b>	In this course students develop four major linguistic skills: listening comprehension, speaking, reading and writing in Mandarin Chinese at the beginning level. The course includes the study of essentials of pronunciation, vocabulary and grammatical patterns along with an introduction to the Chinese culture and the geography of the Chinese-speaking world.
<b>Rationale:</b>	Mandarin Chinese is the most spoken language in the world. China is the number one trade partner of the United States and many companies do business and have long-term investments there and the demand for bilingual employees is growing. Being familiar with the language and culture will increase opportunities for SBVC students in the workforce. Local colleges and universities recognize this and have developed impressive programs to meet the educational needs and interests of their students. Developing a Mandarin program at SBVC will help meet the language needs of the local and state communities, while bridging a potential Chinese educational gap between high schools and universities in the area.
<b>TOP Code:</b>	1107.00
<b>Equate:</b>	Course not offered at CHC.
<b>Effective:</b>	*Fall 2019

## NEW COURSE

### *Addition to the 2019-2020 College Catalog*

<b>Course ID:</b>	<b>CHIN 102</b>
<b>Course Title:</b>	College Mandarin Chinese II
<b>Units:</b>	5
<b>Lecture:</b>	5 contact hour(s) per week 80 - 90 contact hours per semester
<b>Prerequisite:</b>	CHIN 101
<b>Catalog Description:</b>	In this course students continue to develop four major linguistic skills: listening comprehension, speaking, reading and writing in Mandarin Chinese at the beginning level. The course includes the study of essentials of pronunciation, vocabulary and grammatical patterns along with an introduction to the Chinese culture and the geography of the Chinese-speaking world.
<b>Schedule Description:</b>	In this course students continue to develop four major linguistic skills: listening comprehension, speaking, reading and writing in Mandarin Chinese at the beginning level. The course includes the study of essentials of pronunciation, vocabulary and grammatical patterns along with an introduction to the Chinese culture and the geography of the Chinese-speaking world.

**Rationale:** Mandarin Chinese is the most spoken language in the world. China is the number one trade partner of the United States and many companies do business and have long-term investments there and the demand for bilingual employees is growing. Being familiar with the language and culture will increase opportunities for SBVC students in the workforce. Local colleges and universities recognize this and have developed impressive programs to meet the educational needs and interests of their students. Developing a Mandarin program at SBVC will help meet the language needs of the local and state communities, while bridging a potential Chinese educational gap between high schools and universities in the area.

**TOP Code:** 1107.00  
**Equate:** Course not offered at CHC.  
**Effective:** \*Fall 2019

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

**Course ID:** DIESEL 098  
**Course Title:** Diesel Work Experience  
**Units:** 4  
**Work Experience:** 5 - 20 contact hour(s) per week  
**Prerequisite:** None.  
**Catalog Description:** This course involves supervised training in the form of on the job employment that will enhance the student's knowledge in the selected field of study. The student's major and job must match. Students work 5-20 hours per week to earn units using the following formula: For paid work, 75 hours = 1 unit; for volunteer work, 60 hours = 1 unit. Students may earn a total of 16 units toward graduation in Work Experience 098 courses. Students MUST be working for pay or volunteer before registering for a Work Experience class. NOTE: Only one section of Work Experience may be taken during a semester.

**Schedule Description:** This course involves supervised training in the form of on the job employment that will enhance the student's knowledge in the selected field of study. The student's major and job must match. Students work 5-20 hours per week to earn units using the following formula: For paid work, 75 hours = 1 unit; for volunteer work, 60 hours = 1 unit. Students may earn a total of 16 units toward graduation in Work Experience 098 courses. Students MUST be working for pay or volunteer before registering for a Work Experience class. NOTE: Only one section of Work Experience may be taken during a semester.

**Rationale:** There is a growing demand of truck technicians within the inland empire and The rationale for having a Career Technical WEE Program is through employment, students can strengthen the occupational skills acquired in the classroom while learning current technology and business/industry practices on school buses, transit buses and Trucks

**TOP Code:** 0948.00  
**Equate:** Course not offered at CHC.  
**Effective:** Fall 2018

## NEW COURSE

### *Addition to the 2019-2020 College Catalog*

<b>Course ID:</b>	<b>MUS 170</b>
<b>Course Title:</b>	Jazz Improvisation and Theory I
<b>Units:</b>	1
<b>Laboratory:</b>	3 contact hour(s) per week 48 - 54 contact hours per semester
<b>Departmental Advisory:</b>	ENGL 914
<b>Catalog Description:</b>	This course presents the beginning concepts of Jazz improvisation skills and Jazz theory. Emphasis is placed on swing, bebop, and blues. This course is open to instrumentalists and vocalists.
<b>Schedule Description:</b>	This course presents the beginning concepts of Jazz improvisation skills and Jazz theory. Emphasis is placed on swing, bebop, and blues. This course is open to instrumentalists and vocalists.
<b>Rationale:</b>	San Bernardino Valley College does not presently provide any courses in the Jazz genre of music. This inhibits potential music majors wanting to obtain their degree with a Jazz focus from attending SBVC. By adding Jazz Improvisation and Theory I to the SBVC catalog, we are providing a course, which qualifies under the AA-T for Music Majors, and elevating our program to reflect a broader offering of courses akin to schools such as Citrus College, Mt. San Antonio College, and Los Angeles City College. This course is appealing to all Jazz Music students as it is open to both instrumentalists and singers.
<b>TOP Code:</b>	1004.00
<b>Equate:</b>	Course not offered at CHC.
<b>Effective:</b>	*Fall 2019

## NEW COURSE

### *Addition to the 2019-2020 College Catalog*

<b>Course ID:</b>	<b>MUS 171</b>
<b>Course Title:</b>	Jazz Improvisation and Theory II
<b>Units:</b>	1
<b>Laboratory:</b>	3 contact hour(s) per week 48 - 54 contact hours per semester
<b>Prerequisite:</b>	MUS 170 or an audition with the instructor.
<b>Departmental Advisory:</b>	ENGL 914
<b>Catalog Description:</b>	This course presents the intermediate to advanced concepts of Jazz improvisation skills and Jazz theory. Emphasis is placed on modal and pentatonic scales, hard bop style, and modern jazz.
<b>Schedule Description:</b>	This course presents the intermediate to advanced concepts of Jazz improvisation skills and Jazz theory. Emphasis is placed on modal and pentatonic scales, hard bop style, and modern jazz.
<b>Rationale:</b>	San Bernardino Valley College does not presently provide any courses in the Jazz genre of music. This inhibits potential music majors wanting to obtain their degree with a Jazz focus from attending SBVC. By adding Jazz Improvisation and Theory I to the SBVC catalog, we are providing a course, which qualifies under the AA-T for Music Majors, and elevating our program to reflect a broader offering of courses akin to schools such as Citrus College, Mt. San Antonio College, and Los Angeles City College. This course is appealing to all Jazz students as it is open to both instrumentalists and singers.
<b>TOP Code:</b>	1004.00
<b>Equate:</b>	Course not offered at CHC.
<b>Effective:</b>	*Fall 2019

## NEW COURSE

### *Addition to the 2019-2020 College Catalog*

<b>Course ID:</b>	<b>MUS 180</b>
<b>Course Title:</b>	Instrumental Chamber Music
<b>Units:</b>	1
<b>Laboratory:</b>	3 contact hour(s) per week 48 - 54 contact hours per semester
<b>Departmental Advisory:</b>	ENGL 914
<b>Catalog Description:</b>	This course covers the study and performance of instrumental chamber literature. Students will be organized into various chamber music ensembles to prepare, perform, and record assigned literature.
<b>Schedule Description:</b>	This course covers the study and performance of instrumental chamber literature. Students will be organized into various chamber music ensembles to prepare, perform, and record assigned literature.
<b>Rationale:</b>	San Bernardino Valley College does not presently provide any instrumental chamber music courses. This inhibits potential music majors wanting to obtain their degree from attending SBVC. By adding Instrumental Chamber Music to the SBVC catalog, we are providing a course, which qualifies under the AA-T for Music Majors, and elevating our program to reflect a broader offering of courses akin to schools such as Fullerton College, Mt. San Antonio College, and Irvine Valley College. This course is appealing to all instrumental music students as it is open to both winds and strings.
<b>TOP Code:</b>	1004.00
<b>Equate:</b>	Course not offered at CHC.
<b>Effective:</b>	*Fall 2019

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

<b>Course ID:</b>	<b>POLICE 050</b>
<b>Course Title:</b>	Bicycle Patrol
<b>Units:</b>	1
<b>Lecture:</b>	8 contact hour(s) per semester
<b>Laboratory:</b>	24 contact hour(s) per semester
<b>Prerequisite:</b>	Completion of POLICE 002, 100, 101, 102, and 103 (POST Regular Basic Course) or CRMJUS 059, 060, and 061 (Modules I, II, and III).
<b>Catalog Description:</b>	This course is designed to give students basic knowledge of the use of the bicycle police patrol and to improve their bicycle riding skills. The course covers physical fitness, nutrition, bicycle-handling skills, range training with bicycle, bicycle maintenance and bicycle rides on and off road.
<b>Schedule Description:</b>	This course is designed to give students basic knowledge of the use of the bicycle police patrol and to improve their bicycle riding skills. The course covers physical fitness, nutrition, bicycle-handling skills, range training with bicycle, bicycle maintenance and bicycle rides on and off road.
<b>Rationale:</b>	This new course will be given in partnership with the Sheriff's Academy.
<b>TOP Code:</b>	2105.00
<b>Equate:</b>	Course not offered at CHC.
<b>Effective:</b>	Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

<b>Course ID:</b>	<b>POLICE 051</b>
<b>Course Title:</b>	Bicycle Patrol - Instructor
<b>Units:</b>	1.5
<b>Lecture:</b>	16 contact hour(s) per semester
<b>Laboratory:</b>	24 contact hour(s) per semester
<b>Prerequisite:</b>	POLICE 050
<b>Catalog Description:</b>	Students will learn how to apply the fundamentals of police bicycle patrol for the purpose of training other bicycle patrol officers. The course covers physical fitness, nutrition, bicycle maintenance, instructor development, facilitation skills, and bicycle handling skills.
<b>Schedule Description:</b>	Students will learn how to apply the fundamentals of police bicycle patrol for the purpose of training other bicycle patrol officers. The course covers physical fitness, nutrition, bicycle maintenance, instructor development, facilitation skills, and bicycle handling skills.
<b>Rationale:</b>	This new course will be given in partnership with the Sheriff's Academy.
<b>TOP Code:</b>	2105.00
<b>Equate:</b>	Course not offered at CHC.
<b>Effective:</b>	Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

<b>Course ID:</b>	<b>POLICE 060</b>
<b>Course Title:</b>	Traffic Collision Investigation - Basic
<b>Units:</b>	2
<b>Lecture:</b>	32 contact hour(s) per semester
<b>Laboratory:</b>	8 contact hour(s) per semester
<b>Prerequisite:</b>	Completion of POLICE 002, 100, 101, 102, and 103 (POST Regular Basic Course) or CRMJUS 059, 060, and 061 (Modules I, II, and III).
<b>Catalog Description:</b>	This course offers a practical application of how to use report forms and accident investigation terminology together with the study of vehicle code law, court decisions and other traffic related subject matter.
<b>Schedule Description:</b>	This course offers a practical application of how to use report forms and accident investigation terminology together with the study of vehicle code law, court decisions and other traffic related subject matter.
<b>Rationale:</b>	This new course will be given in partnership with the Sheriff's Academy.
<b>TOP Code:</b>	2105.00
<b>Equate:</b>	Course not offered at CHC.
<b>Effective:</b>	Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

<b>Course ID:</b>	<b>POLICE 061</b>
<b>Course Title:</b>	Traffic Collision Investigation - Intermediate
<b>Units:</b>	2
<b>Lecture:</b>	32 contact hour(s) per semester
<b>Laboratory:</b>	8 contact hour(s) per semester
<b>Prerequisite:</b>	POLICE 060
<b>Catalog Description:</b>	This course is designed for experienced traffic collision investigators. Emphasis is on the applications of mathematics and physics to collision analysis, skidmark analysis, scene documentation and evaluation.

**Schedule Description:** This course is designed for experienced traffic collision investigators. Emphasis is on the applications of mathematics and physics to collision analysis, skidmark analysis, scene documentation and evaluation.

**Rationale:** This new course will be given in partnership with the Sheriff's Academy.

**TOP Code:** 2105.00

**Equate:** Course not offered at CHC.

**Effective:** Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

**Course ID:** **POLICE 062**

**Course Title:** Traffic Collision Investigation - Advanced

**Units:** 4

**Lecture:** 72 contact hour(s) per semester

**Laboratory:** 8 contact hour(s) per semester

**Prerequisite:** POLICE 060

**Catalog Description:** This course is designed for experienced traffic collision investigators. Emphasis is on the applications of basic mathematics and physics to collision analysis, scene documentation and evaluation.

**Schedule Description:** This course is designed for experienced traffic collision investigators. Emphasis is on the applications of basic mathematics and physics to collision analysis, scene documentation and evaluation.

**Rationale:** This new course will be given in partnership with the Sheriff's Academy.

**TOP Code:** 2105.00

**Equate:** Course not offered at CHC.

**Effective:** Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

**Course ID:** **POLICE 063**

**Course Title:** Traffic Collision Investigation - Reconstruction

**Units:** 4

**Lecture:** 72 contact hour(s) per semester

**Laboratory:** 8 contact hour(s) per semester

**Prerequisite:** POLICE 062

**Catalog Description:** This course will investigate and describe various relationships in physics as they relate to traffic collision reconstruction. This course covers auto-pedestrian, bicycle collisions, articulated vehicles, reconstruction methodology, motion analysis, velocity reconstruction and step-by-step reconstruction process.

**Schedule Description:** This course will investigate and describe various relationships in physics as they relate to traffic collision reconstruction. This course covers auto-pedestrian, bicycle collisions, articulated vehicles, reconstruction methodology, motion analysis, velocity reconstruction and step-by-step reconstruction process.

**Rationale:** This new course will be given in partnership with the Sheriff's Academy.

**TOP Code:** 2105.00

**Equate:** Course not offered at CHC.

**Effective:** Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

<b>Course ID:</b>	<b>POLICE 064</b>
<b>Course Title:</b>	Traffic Collision Investigation - Motor Vehicle Inspection
<b>Units:</b>	1.5
<b>Lecture:</b>	16 contact hour(s) per semester
<b>Laboratory:</b>	24 contact hour(s) per semester
<b>Prerequisite:</b>	POLICE 060
<b>Catalog Description:</b>	This course is designed to enhance the investigative techniques of a traffic collision investigation. It will show students how to conduct a complete inspection of a motor vehicle from bumper to bumper in order to determine if any of the vehicle systems caused or contributed to the outcome of the collision.
<b>Schedule Description:</b>	This course is designed to enhance the investigative techniques of a traffic collision investigation. It will show students how to conduct a complete inspection of a motor vehicle from bumper to bumper in order to determine if any of the vehicle systems caused or contributed to the outcome of the collision.
<b>Rationale:</b>	This new course will be given in partnership with the Sheriff's Academy.
<b>TOP Code:</b>	2105.00
<b>Equate:</b>	Course not offered at CHC.
<b>Effective:</b>	Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

<b>Course ID:</b>	<b>POLICE 065</b>
<b>Course Title:</b>	Driving Under the Influence (DUI)
<b>Units:</b>	1.5
<b>Lecture:</b>	24 contact hour(s) per semester
<b>Laboratory:</b>	8 contact hour(s) per semester
<b>Prerequisite:</b>	Completion of POLICE 002, 100, 101, 102, and 103 (POST Regular Basic Course) or CRMJUS 059, 060, and 061 (Modules I, II, and III).
<b>Catalog Description:</b>	This course is designed to provide a student with a better understanding of driving under the influence (DUI) laws. The student will receive information on DUI laws, report writing, courtroom testimony, field sobriety tests and alcohol correlation studies.
<b>Schedule Description:</b>	This course is designed to provide a student with a better understanding of driving under the influence (DUI) laws. The student will receive information on DUI laws, report writing, courtroom testimony, field sobriety tests and alcohol correlation studies.
<b>Rationale:</b>	This new course will be given in partnership with the Sheriff's Academy.
<b>TOP Code:</b>	2105.00
<b>Equate:</b>	Course not offered at CHC.
<b>Effective:</b>	Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

<b>Course ID:</b>	<b>POLICE 070</b>
<b>Course Title:</b>	Firearms
<b>Units:</b>	1
<b>Lecture:</b>	10 contact hour(s) per semester
<b>Laboratory:</b>	14 contact hour(s) per semester

<b>Limitation on Enrollment:</b>	Enrollment is limited to those students who meet state screening requirements as outlined in the Government Code, California Penal Code and the Commission on Peace Officer Standards and Training Administrative Manual.
<b>Catalog Description:</b>	This course satisfies the Commission of Peace Officer Standards and Training (POST) firearms certification for PC 832. Additionally, this course exceeds the State of California firearms safe handling and use certification required from any person purchasing a firearm in California. <b>ENROLLMENT IS LIMITED TO THOSE STUDENTS WHO MEET STATE SCREENING REQUIREMENTS AS OUTLINED IN THE GOVERNMENT CODE, CALIFORNIA PENAL CODE AND THE COMMISSION ON PEACE OFFICER STANDARDS AND TRAINING ADMINISTRATIVE MANUAL.</b>
<b>Schedule Description:</b>	This course satisfies the Commission of Peace Officer Standards and Training (POST) firearms certification for PC 832. Additionally, this course exceeds the State of California firearms safe handling and use certification required from any person purchasing a firearm in California. <b>ENROLLMENT IS LIMITED TO THOSE STUDENTS WHO MEET STATE SCREENING REQUIREMENTS AS OUTLINED IN THE GOVERNMENT CODE, CALIFORNIA PENAL CODE AND THE COMMISSION ON PEACE OFFICER STANDARDS AND TRAINING ADMINISTRATIVE MANUAL.</b>
<b>Rationale:</b>	This new course will be given in partnership with the Sheriff's Academy.
<b>TOP Code:</b>	2105.00
<b>Equate:</b>	Course not offered at CHC.
<b>Effective:</b>	Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

<b>Course ID:</b>	<b>POLICE 071</b>
<b>Course Title:</b>	Arrest and Control
<b>Units:</b>	2
<b>Lecture:</b>	30 contact hour(s) per semester
<b>Laboratory:</b>	10 contact hour(s) per semester
<b>Prerequisite:</b>	None.
<b>Catalog Description:</b>	This course provides the student with the knowledge and skills necessary to qualify for limited peace officer powers as required by Penal Code Section 832. The course will emphasize laws of arrest, search and seizure, evidence, and the investigative process. This course meets the curriculum standards of the California Board of Corrections and the California Commission on Peace Officers Standards and Training.
<b>Schedule Description:</b>	This course provides the student with the knowledge and skills necessary to qualify for limited peace officer powers as required by Penal Code Section 832. The course will emphasize laws of arrest, search and seizure, evidence, and the investigative process. This course meets the curriculum standards of the California Board of Corrections and the California Commission on Peace Officers Standards and Training.
<b>Rationale:</b>	This new course will be given in partnership with the Sheriff's Academy.
<b>TOP Code:</b>	2105.00
<b>Equate:</b>	Course not offered at CHC.
<b>Effective:</b>	Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

<b>Course ID:</b>	<b>POLICE 072</b>
<b>Course Title:</b>	Crisis Intervention and Negotiation
<b>Units:</b>	1.5
<b>Lecture:</b>	24 contact hour(s) per semester
<b>Prerequisite:</b>	Completion of POLICE 002, 100, 101, 102, and 103 (POST Regular Basic Course) or CRMJUS 059, 060, and 061 (Modules I, II, and III).
<b>Catalog Description:</b>	This course is designed to provide the student with a better understanding of crisis intervention and appropriate response. The student will receive information on the mental health systems, psychotic disorders, mood disorders, personality disorders, post-traumatic disorder, Alzheimer, and developmental disorders.
<b>Schedule Description:</b>	This course is designed to provide the student with a better understanding of crisis intervention and appropriate response. The student will receive information on the mental health systems, psychotic disorders, mood disorders, personality disorders, post-traumatic disorder, Alzheimer, and developmental disorders.
<b>Rationale:</b>	This new course will be given in partnership with the Sheriff's Academy.
<b>TOP Code:</b>	2105.00
<b>Equate:</b>	Course not offered at CHC.
<b>Effective:</b>	Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

<b>Course ID:</b>	<b>POLICE 073</b>
<b>Course Title:</b>	Child Abuse Investigation
<b>Units:</b>	2.5
<b>Laboratory:</b>	40 contact hour(s) per semester
<b>Prerequisite:</b>	Completion of POLICE 002, 100, 101, 102, and 103 (POST Regular Basic Course) or CRMJUS 059, 060, and 061 (Modules I, II, and III).
<b>Catalog Description:</b>	This course is designed to provide the student with an overview of the child abuse investigative process. It will focus on child abuse law, psychological factors of the offender, interviewing techniques and responsibilities of the child abuse investigator.
<b>Schedule Description:</b>	This course is designed to provide the student with an overview of the child abuse investigative process. It will focus on child abuse law, psychological factors of the offender, interviewing techniques and responsibilities of the child abuse investigator.
<b>Rationale:</b>	This new course will be given in partnership with the Sheriff's Academy.
<b>TOP Code:</b>	2105.00
<b>Equate:</b>	Course not offered at CHC.
<b>Effective:</b>	Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

<b>Course ID:</b>	<b>POLICE 074</b>
<b>Course Title:</b>	Gang Awareness
<b>Units:</b>	1.5
<b>Lecture:</b>	24 contact hour(s) per semester

<b>Prerequisite:</b>	Completion of POLICE 002, 100, 101, 102, and 103 (POST Regular Basic Course) or CRMJUS 059, 060, and 061 (Modules I, II, and III).
<b>Catalog Description:</b>	This course is designed to provide the student with a better understanding of various gangs in the community. Topics will include the history of gangs, gang dynamics, gang prosecution and officer safety considerations.
<b>Schedule Description:</b>	This course is designed to provide the student with a better understanding of various gangs in the community. Topics will include the history of gangs, gang dynamics, gang prosecution and officer safety considerations.
<b>Rationale:</b>	This new course will be given in partnership with the Sheriff's Academy.
<b>TOP Code:</b>	2105.00
<b>Equate:</b>	Course not offered at CHC.
<b>Effective:</b>	Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

<b>Course ID:</b>	<b>POLICE 076</b>
<b>Course Title:</b>	Homicide Investigation
<b>Units:</b>	4
<b>Lecture:</b>	64 contact hour(s) per semester
<b>Laboratory:</b>	16 contact hour(s) per semester
<b>Prerequisite:</b>	Completion of POLICE 002, 100, 101, 102, and 103 (POST Regular Basic Course) or CRMJUS 059, 060, and 061 (Modules I, II, and III).
<b>Catalog Description:</b>	This advanced course will train investigators in the highly specialized field of homicide investigation. It will cover the legal aspects of death investigation, homicide crime scene procedures, autopsy, psychological profiling, criminal psychology, laboratory work, gunshots, asphyxia, drowning, burning, cutting, stabbing, and interviewing techniques.
<b>Schedule Description:</b>	This advanced course will train investigators in the highly specialized field of homicide investigation. It will cover the legal aspects of death investigation, homicide crime scene procedures, autopsy, psychological profiling, criminal psychology, laboratory work, gunshots, asphyxia, drowning, burning, cutting, stabbing, and interviewing techniques.
<b>Rationale:</b>	This new course will be given in partnership with the Sheriff's Academy.
<b>TOP Code:</b>	2105.00
<b>Equate:</b>	Course not offered at CHC.
<b>Effective:</b>	Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

<b>Course ID:</b>	<b>POLICE 077</b>
<b>Course Title:</b>	Crime Scene Investigation
<b>Units:</b>	4
<b>Lecture:</b>	64 contact hour(s) per semester
<b>Laboratory:</b>	16 contact hour(s) per semester
<b>Limitation on Enrollment:</b>	Students must be employed in a sworn or civilian position with a law enforcement agency performing duties related to crime scene investigation or be employed as a law enforcement officer.
<b>Catalog Description:</b>	This course reviews principles of evidence collection. Course topics will include crime scene examination, recording, gathering trace evidence, collecting and packaging of biological evidence and the use of camera in crime scene investigation.

<b>Schedule Description:</b>	This course reviews principles of evidence collection. Course topics will include crime scene examination, recording, gathering trace evidence, collecting and packaging of biological evidence and the use of camera in crime scene investigation.
<b>Rationale:</b>	This new course will be given in partnership with the Sheriff's Academy.
<b>TOP Code:</b>	2105.00
<b>Equate:</b>	Course not offered at CHC.
<b>Effective:</b>	Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

<b>Course ID:</b>	<b>POLICE 078</b>
<b>Course Title:</b>	Crime Scene and Forensic Photography
<b>Units:</b>	1.5
<b>Lecture:</b>	24 contact hour(s) per semester
<b>Laboratory:</b>	16 contact hour(s) per semester
<b>Prerequisite:</b>	Completion of POLICE 002, 100, 101, 102, and 103 (POST Regular Basic Course) or CRMJUS 059, 060, and 061 (Modules I, II, and III).
<b>Limitation on Enrollment:</b>	Students must be employed in a sworn or civilian position with a law enforcement agency performing duties related to crime scene investigation or be employed as a law enforcement officer.
<b>Catalog Description:</b>	This course provides students with an introduction to forensic photography of crime scene investigation. It examines the methods utilized in crime scene forensic photography including daylight/nighttime photography, impression photography, close-up photography, and video photography.
<b>Schedule Description:</b>	This course provides students with an introduction to forensic photography of crime scene investigation. It examines the methods utilized in crime scene forensic photography including daylight/nighttime photography, impression photography, close-up photography, and video photography.
<b>Rationale:</b>	This new course will be given in partnership with the Sheriff's Academy.
<b>TOP Code:</b>	2105.00
<b>Equate:</b>	Course not offered at CHC.
<b>Effective:</b>	Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

<b>Course ID:</b>	<b>POLICE 090</b>
<b>Course Title:</b>	Field Training Officer
<b>Units:</b>	2
<b>Lecture:</b>	32 contact hour(s) per semester
<b>Laboratory:</b>	8 contact hour(s) per semester
<b>Prerequisite:</b>	Completion of POLICE 002, 100, 101, 102, and 103 (POST Regular Basic Course) or CRMJUS 059, 060, and 061 (Modules I, II, and III)
<b>Catalog Description:</b>	This course is designed to provide the student with an understanding of the purpose of the field-training program. This course will focus on the fundamentals of basic training in patrol concepts and procedures.
<b>Schedule Description:</b>	This course is designed to provide the student with an understanding of the purpose of the field-training program. This course will focus on the fundamentals of basic training in patrol concepts and procedures.
<b>Rationale:</b>	This new course will be given in partnership with the Sheriff's Academy.
<b>TOP Code:</b>	2105.00
<b>Equate:</b>	Course not offered at CHC.

Effective: Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

**Course ID:** POLICE 091  
**Course Title:** Field Training Officer - Update  
**Units:** 1  
**Lecture:** 16 contact hour(s) per semester  
**Laboratory:** 8 contact hour(s) per semester  
**Prerequisite:** POLICE 090  
**Catalog Description:** This course is designed to provide current Field Training Officers with an update on the fundamentals of basic training in patrol concepts and procedures. Students will be updated on the current practices of evaluations, legal aspects, vehicle pursuits, weapons, building searches, prisoner restraints, and the use of force.  
**Schedule Description:** This course is designed to provide current Field Training Officers with an update on the fundamentals of basic training in patrol concepts and procedures. Students will be updated on the current practices of evaluations, legal aspects, vehicle pursuits, weapons, building searches, prisoner restraints, and the use of force.  
**Rationale:** This new course will be given in partnership with the Sheriff's Academy.  
**TOP Code:** 2105.00  
**Equate:** Course not offered at CHC.  
**Effective:** Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

**Course ID:** POLICE 092  
**Course Title:** Police Supervision  
**Units:** 4.5  
**Lecture:** 80 contact hour(s) per semester  
**Prerequisite:** Completion of POLICE 002, 100, 101, 102, and 103 (POST Regular Basic Course) or CRMJUS 059, 060, and 061 (Modules I, II, and III).  
**Catalog Description:** This course covers police supervision techniques including problems of leadership and responsibilities, performance evaluation, instructional and disciplinary methods, motivation, and psychological aspects of supervision. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE SUCCESSFULLY COMPLETED PROGRAM PREREQUISITES.**  
**Schedule Description:** This course covers police supervision techniques including problems of leadership and responsibilities, performance evaluation, instructional and disciplinary methods, motivation, and psychological aspects of supervision. **REGISTRATION IS LIMITED TO STUDENTS WHO HAVE SUCCESSFULLY COMPLETED PROGRAM PREREQUISITES.**  
**Rationale:** This new course will be given in partnership with the Sheriff's Academy.  
**TOP Code:** 2105.00  
**Equate:** Course not offered at CHC.  
**Effective:** Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

<b>Course ID:</b>	<b>WELD 016</b>
<b>Course Title:</b>	Gas Tungsten Arc Welding-Intermediate
<b>Units:</b>	4
<b>Lecture:</b>	1 contact hour(s) per week 16 - 18 contact hours per semester
<b>Laboratory:</b>	9 contact hour(s) per week 144 - 162 contact hours per semester
<b>Prerequisite:</b>	WELD 015
<b>Catalog Description:</b>	This is a second course to continue to meet American Welding Society SENSE Entry-Level welder program for Entry Welder Certification for Gas Tungsten Arc Welding (GTAW) or Tungsten Inert Gas (TIG) welding process that develops gas tungsten arc welding on carbon steel, stainless steel, and aluminum. Welding safety, equipment, basic welding-joint design, expansion, contraction, and residual stress in welding of metals are covered.
<b>Schedule Description:</b>	This is a second course to continue to meet American Welding Society SENSE Entry-Level welder program for Entry Welder Certification for Gas Tungsten Arc Welding (GTAW) or Tungsten Inert Gas (TIG) welding process that develops gas tungsten arc welding on carbon steel, stainless steel, and aluminum. Welding safety, equipment, basic welding-joint design, expansion, contraction, and residual stress in welding of metals are covered.
<b>Rationale:</b>	This course will increase the level of training in Gas Tungsten Arc Welding (GTAW) to meet the requests and demands of the industry.
<b>TOP Code:</b>	0956.50
<b>Equate:</b>	Course not offered at CHC.
<b>Effective:</b>	Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

<b>Course ID:</b>	<b>WELD 017</b>
<b>Course Title:</b>	Gas Tungsten Arc Welding-Advanced
<b>Units:</b>	3
<b>Laboratory:</b>	9 contact hour(s) per week 144 - 162 contact hours per semester
<b>Prerequisite:</b>	WELD 016
<b>Catalog Description:</b>	This is a third course in GTAW that introduces basic theory and application of pipe welding. Procedures leading to skillfulness in pipe weld-joint design, pre-weld fit up, basic metallurgy, weld symbols, and related codes and standards are emphasized. This course develops gas tungsten arc welding on pipe in 1G, 2G, 5G, and 6G as well as welding safety, equipment, basic welding-joint design, expansion, contraction, and residual stress in welding of metals.
<b>Schedule Description:</b>	This is a third course in GTAW that introduces basic theory and application of pipe welding. Procedures leading to skillfulness in pipe weld-joint design, pre-weld fit up, basic metallurgy, weld symbols, and related codes and standards are emphasized. This course develops gas tungsten arc welding on pipe in 1G, 2G, 5G, and 6G as well as welding safety, equipment, basic welding-joint design, expansion, contraction, and residual stress in welding of metals.
<b>Rationale:</b>	This course will increase the level of training in Gas Tungsten Arc Welding (GTAW) to meet the requests and demands of the industry.
<b>TOP Code:</b>	0956.50

**Equate:** Course not offered at CHC.  
**Effective:** Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

**Course ID:** **WELD 080**  
**Course Title:** Gas Metal Arc Welding-Beginning  
**Units:** 3  
**Lecture:** 1 contact hour(s) per week  
16 - 18 contact hours per semester  
**Laboratory:** 6 contact hour(s) per week  
96 - 108 contact hours per semester  
**Prerequisite:** WELD 010  
**Catalog Description:** This course introduces techniques and methods of Gas Metal Arc Welding (GMAW-S, GMAW Spray Transfer) in all positions and on various thicknesses of mild steel. It fulfills American Welding Society SENSE Level 1 – Entry Welder Certification Modules 5: Gas Metal Arc Welding (GMAW-S, GMAW Spray Transfer).  
**Schedule Description:** This course introduces techniques and methods of Gas Metal Arc Welding (GMAW-S, GMAW Spray Transfer) in all positions and on various thicknesses of mild steel. It fulfills American Welding Society SENSE Level 1 – Entry Welder Certification Modules 5: Gas Metal Arc Welding (GMAW-S, GMAW Spray Transfer).  
**Rationale:** This course will increase the level of training in Gas Metal Arc Welding (GMAW) to meet the requests and demands of the industry.  
**TOP Code:** 0956.50  
**Equate:** Course not offered at CHC.  
**Effective:** Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

**Course ID:** **WELD 081**  
**Course Title:** Gas Metal Arc Welding-Intermediate  
**Units:** 4  
**Lecture:** 1 contact hour(s) per week  
16 - 18 contact hours per semester  
**Laboratory:** 9 contact hour(s) per week  
144 - 162 contact hours per semester  
**Prerequisite:** WELD 080  
**Catalog Description:** This second course is the study of intermediate techniques and methods of Gas Metal Arc Welding (GMAW) and Metal-Cored Arc Welding (MCAW) in all positions and on various thicknesses of mild steel and aluminum. It fulfills American Welding Society SENSE Level 1 – Entry Welder Certification Modules 5: Gas Metal Arc Welding (GMAW-S, GMAW Spray Transfer).  
**Schedule Description:** This second course is the study of intermediate techniques and methods of Gas Metal Arc Welding (GMAW) and Metal-Cored Arc Welding (MCAW) in all positions and on various thicknesses of mild steel and aluminum. It fulfills American Welding Society SENSE Level 1 – Entry Welder Certification Modules 5: Gas Metal Arc Welding (GMAW-S, GMAW Spray Transfer).  
**Rationale:** This course will increase the level of training in Gas Metal Arc Welding (GMAW) to meet the requests and demands of the industry.  
**TOP Code:** 0956.50

**Equate:** Course not offered at CHC.  
**Effective:** Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

**Course ID:** WELD 082  
**Course Title:** Gas Metal Arc Welding-Advanced  
**Units:** 3  
**Laboratory:** 9 contact hour(s) per week  
144 - 162 contact hours per semester  
**Prerequisite:** WELD 081  
**Catalog Description:** This is a third course in Gas Metal Arc Welding Advanced (GMAW) that introduces basic theory and application of pipe welding. Procedures leading to skillfulness in pipe weld-joint design, pre-weld fit up, basic metallurgy, weld symbols, and related codes and standards are emphasized. The course develops Gas Metal Arc Welding Advanced (GMAW) on pipe in 1G, 2G, 5G, and 6G as well as welding safety, equipment, basic welding-joint design, expansion, contraction, and residual stress in welding of metals.  
**Schedule Description:** This is a third course in Gas Metal Arc Welding Advanced (GMAW) that introduces basic theory and application of pipe welding. Procedures leading to skillfulness in pipe weld-joint design, pre-weld fit up, basic metallurgy, weld symbols, and related codes and standards are emphasized. The course develops Gas Metal Arc Welding Advanced (GMAW) on pipe in 1G, 2G, 5G, and 6G as well as welding safety, equipment, basic welding-joint design, expansion, contraction, and residual stress in welding of metals.  
**Rationale:** This course will increase the level of training in Gas Metal Arc Welding (GMAW) to meet the requests and demands of the industry.  
**TOP Code:** 0956.50  
**Equate:** Course not offered at CHC.  
**Effective:** Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

**Course ID:** WELD 090  
**Course Title:** Flux Cored Arc Welding-Gas Shielded  
**Units:** 4  
**Lecture:** 1 contact hour(s) per week  
16 - 18 contact hours per semester  
**Laboratory:** 9 contact hour(s) per week  
144 - 162 contact hours per semester  
**Prerequisite:** WELD 010  
**Catalog Description:** This course introduces techniques and methods of Flux Cored Arc Welding- Gas shielded (FCAW-G, FCAW-Gm) in all positions and on various thicknesses of carbon steel. It fulfills American Welding Society SENSE Level 1 – Entry Welder Certification Modules 6: Flux Cored Arc Welding (FCAW-G, FCAW-GM).  
**Schedule Description:** This course introduces techniques and methods of Flux Cored Arc Welding- Gas shielded (FCAW-G, FCAW-Gm) in all positions and on various thicknesses of carbon steel. It fulfills American Welding Society SENSE Level 1 – Entry Welder Certification Modules 6: Flux Cored Arc Welding (FCAW-G, FCAW-GM).  
**Rationale:** This course will increase the level of training in FCAW-G to meet the requests and demands of the industry.  
**TOP Code:** 0956.50

**Equate:** Course not offered at CHC.  
**Effective:** Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

**Course ID:** WELD 091  
**Course Title:** Flux Cored Arc Welding-Self Shielded  
**Units:** 4  
**Lecture:** 1 contact hour(s) per week  
16 - 18 contact hours per semester  
**Laboratory:** 9 contact hour(s) per week  
144 - 162 contact hours per semester  
**Prerequisite:** WELD 010  
**Departmental Advisory:** WELD 090  
**Catalog Description:** This course introduces techniques and methods of Flux Cored Arc Welding- Self shielded (FCAW-S) in all positions and on various thicknesses of carbon steel. It fulfills American Welding Society SENSE Level 1 – Entry Welder Certification Modules 6: Flux Cored Arc Welding (FCAW-S).  
**Schedule Description:** This course introduces techniques and methods of Flux Cored Arc Welding- Self shielded (FCAW-S) in all positions and on various thicknesses of carbon steel. It fulfills American Welding Society SENSE Level 1 – Entry Welder Certification Modules 6: Flux Cored Arc Welding (FCAW-S).  
**Rationale:** This course will increase training in FCAW-S to meet the demands of the industry.  
**TOP Code:** 0956.50  
**Equate:** Course not offered at CHC.  
**Effective:** Fall 2018

## NEW COURSE

### *Addition to the 2018-2019 College Catalog*

**Course ID:** WELD 092  
**Course Title:** Flux Cored Arc Welding-Advanced  
**Units:** 3  
**Laboratory:** 9 contact hour(s) per week  
144 - 162 contact hours per semester  
**Prerequisite:** WELD 090 and WELD 091  
**Catalog Description:** This is a third course in FCAW Flux Cored Arc Welding Advanced that introduces basic theory and application of pipe welding. Procedures leading to skillfulness in pipe weld-joint design, pre-weld fit up, basic metallurgy, weld symbols, and related codes and standards are emphasized. The course develops FCAW Flux Cored Arc Welding Advanced on pipe in 1G, 2G, 5G, and 6G as well as welding safety, equipment, basic welding-joint design, expansion, contraction, and residual stress in welding of metals.  
**Schedule Description:** This is a third course in FCAW Flux Cored Arc Welding Advanced that introduces basic theory and application of pipe welding. Procedures leading to skillfulness in pipe weld-joint design, pre-weld fit up, basic metallurgy, weld symbols, and related codes and standards are emphasized. The course develops FCAW Flux Cored Arc Welding Advanced on pipe in 1G, 2G, 5G, and 6G as well as welding safety, equipment, basic welding-joint design, expansion, contraction, and residual stress in welding of metals.  
**Rationale:** This course will increase training in advanced FCAW to meet the demands of the industry.  
**TOP Code:** 0956.50

**Equate:** Course not offered at CHC.  
**Effective:** Fall 2018

## MODIFY COURSE

### *Changes to the 2018-2019 College Catalog*

COURSE ID	COURSE TITLE
MUS 166x4	CONCERT BAND

**Lecture:** None.  
**Laboratory:** 3 contact hour(s) per week  
 48 - 54 contact hours per semester  
**Rationale:** Shifting from half Lecture/half Lab, to 1 unit full-Lab, as is equivalent of other transferable Large Ensembles.  
**Equate:** Course not offered at CHC.  
**Effective:** Fall 2018

COURSE ID	COURSE TITLE
PHT 067	PHARMACOLOGY II

**Course ID:** PHT 071  
**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. (Formerly PHT 067)  
**Schedule Description:** This course continues to focus on the therapeutic uses of administered medications applicable to the human anatomy and physiology by a drug's pharmacokinetics and pharmacodynamics. (Formerly PHT 067)  
**Rationale:** Updating course ID to reflect a second semester course.  
**TOP Code:** 1221.00  
**Equate:** Course not offered at CHC.  
**Effective:** Fall 2018

COURSE ID	COURSE TITLE
PHT 072	PHARMACY CLINICAL EXPERIENCE

**Units:** 5  
**Laboratory:** 15 contact hour(s) per week  
 240 - 270 contact hours per semester  
**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 database, customer service, communication and professional ethics. Students will complete a minimum of 240 experiential hours in a minimum of one 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

**Rationale:** supervision of a pharmacist. It emphasizes use of a pharmacy database, customer service, communication and professional ethics. Students will complete a minimum of 240 experiential hours in a minimum of one site locations.

**TOP Code:** 1221.00

**Equate:** Course not offered at CHC.

**Effective:** Fall 2018

COURSE ID	COURSE TITLE
SPAN 157	SPANISH FOR HERITAGE SPEAKERS I

**Prerequisite:** None.

**Departmental Advisory:** SPAN 102 or SPAN 102H

**Catalog Description:** This course is intended for students with native or near-native proficiency in spoken Spanish. Reading and writing standard literary Spanish is emphasized. Students will develop an increased understanding of academic vocabulary, grammar, orthography, and punctuation. Oral proficiency will also be strengthened. Analyzing and discussing topical, cultural and historically significant texts will allow students to increase cultural awareness of the Spanish-speaking world and to sharpen critical thinking skills. The course is conducted in Spanish.

**Schedule Description:** This course is intended for students with native or near-native proficiency in spoken Spanish. Reading and writing standard literary Spanish is emphasized. Students will develop an increased understanding of academic vocabulary, grammar, orthography, and punctuation. Oral proficiency will also be strengthened. Analyzing and discussing topical, cultural and historically significant texts will allow students to increase cultural awareness of the Spanish-speaking world and to sharpen critical thinking skills. The course is conducted in Spanish.

**Rationale:** Updating prerequisite to departmental advisory to align with C-ID. We have a large population of heritage speakers on campus who are ready to take SPAN 157 without taking SPAN 102. They come with the linguistic abilities that are equivalent to Spanish 102 level. Requiring them to take SPAN 102 which is designed for Second Language Learners, not heritage speakers is inefficient and inappropriate.

**TOP Code:** 1105.00

**Equate:** SPAN 157 at CHC.

**Effective:** \*Fall 2019

COURSE ID	COURSE TITLE
WELD 010	INTRODUCTION TO WELDING

**Catalog Description:** This is an introductory course for students in any field that utilizes welding processes. The course provides exploration of various techniques by demonstration and through hands on practice. Emphasis will be on Thermal cutting and Gas Metal Arc Welding in flat and horizontal positions. This course fulfills American Welding Society SENSE Level 1 – Entry Welder Certification Modules 1 (Occupational Orientation) and 2 (Safety).

**Schedule Description:** This is an introductory course for students in any field that utilizes welding processes. The course provides exploration of various techniques by

demonstration and through hands on practice. Emphasis will be on Thermal cutting and Gas Metal Arc Welding in flat and horizontal positions. This course Fulfills American Welding Society SENSE Level 1 – Entry Welder Certification Modules 1 (Occupational Orientation) and 2 (Safety).

**Rationale:** Content Review.  
**Equate:** Course not offered at CHC.  
**Effective:** Fall 2018

COURSE ID	COURSE TITLE
WELD 012	OXY-ACETYLENE WELDING

**Catalog Description:** This course provides training to develop the skills necessary to produce a quality weld using oxy-acetylene welding, in all positions, and thermal cutting that are essential in many welding applications. This course fulfills American Welding Society SENSE Level 1 – Entry Welder Certification Modules 2 (Safety) and 8 (Thermal Cutting).

**Schedule Description:** This course provides training to develop the skills necessary to produce a quality weld using oxy-acetylene welding, in all positions, and thermal cutting that are essential in many welding applications. This course fulfills American Welding Society SENSE Level 1 – Entry Welder Certification Modules 2 (Safety) and 8 (Thermal Cutting).

**Rationale:** Content Review.  
**Equate:** Course not offered at CHC.  
**Effective:** Fall 2018

COURSE ID	COURSE TITLE
WELD 015	BEGINNING GAS TUNGSTEN ARC WELDING (GTAW)

**Course Title:** Gas Tungsten Arc Welding-Beginning

**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. This course fulfills American Welding Society SENSE Level 1 – Entry Welder Certification Modules 2 (Safety) and 7 (GTAW).

**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. This course fulfills American Welding Society SENSE Level 1 – Entry Welder Certification Modules 2 (Safety) and 7 (GTAW).

**Rationale:** Content Review.  
**Equate:** Course not offered at CHC.  
**Effective:** Fall 2018

## COURSE DELETION

NURS 100

**Rationale:** Courses are no longer offered.  
**Effective:** Fall 2017

## DISTRIBUTED EDUCATION

BIOL 102

**Rationale:** 100% ONLINE

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:** Fall 2018

## NEW CERTIFICATE

### FLUX CORED ARC WELDING (FCAW) CERTIFICATE

This certificate is designed to provide students with training in Flux Cored Arc Welding (FCAW-G and FCAW-S). This is the semi-automatic welding process often used to replace Shielded Metal Arc Welding (SMAW) in many industrial applications. Industry certifications are stressed.

Required Courses:		Units
WELD 010	Introduction to Welding	2
WELD 090	Flux Cored Arc Welding-Gas Shielded	4
WELD 091	Flux Cored Arc Welding-Self Shielded	4
WELD 092	Flux Cored Arc Welding-Advanced	3
<b>Total Units</b>		<b>13</b>

*This is a Gainful Employment Program*

**Rationale:** Adding this certificate into the program will allow the program to focus on welding processes that the industry is asking for. This would increase the possibility of the welding students completing this certificate in getting jobs.

**Effective:** Fall 2018

## NEW CERTIFICATE

### GAS METAL ARC WELDING CERTIFICATE

This certificate is designed to provide students with training in Gas Metal Arc Welding (GMAW). Metals will include Steel and Aluminum. Industry Certifications for both plate and pipe will be stressed.

Required Courses:		Units
WELD 010	Introduction to Welding	2
WELD 080	Gas Metal Arc Welding-Beginning	3
WELD 081	Gas Metal Arc Welding-Intermediate	4
WELD 082	Gas Metal Arc Welding-Advanced	3
<b>Total Units</b>		<b>12</b>

*This is a Gainful Employment Program*

**Rationale:** Adding this certificate into the program will allow the program to focus on welding processes that the industry is asking for. This would increase the possibility of the welding students completing this certificate in getting jobs.

**Effective:** Fall 2018

## **NEW CERTIFICATE**

### **GAS TUNGSTEN ARC WELDING (GTAW) CERTIFICATE**

This certificate is designed to provide students with training in Gas Tungsten Arc Welding (GTAW). GTAW is commonly known as TIG (Tungsten Inert Gas Welding). Students will work with Steel, Stainless Steel and Aluminum in both plate and pipe applications. Industry Certifications are stressed.

<b>Required Courses:</b>		<b>Units</b>
WELD 012	Oxy-Acetylene Welding	2
WELD 015	Gas Tungsten Arc Welding-Beginning	3
WELD 016	Gas Tungsten Arc Welding-Intermediate	4
WELD 017	Gas Tungsten Arc Welding-Advanced	3
<b>Total Units</b>		<b>12</b>

***This is a Gainful Employment Program***

**Rationale:** Adding this certificate into the program will allow the program to focus on welding processes that the industry is asking for. This would increase the possibility of the welding students completing this certificate in getting jobs.

**Effective:** Fall 2018

## **NEW CERTIFICATE**

### **PIPE WELDING CERTIFICATE**

This certificate will give students an introduction into pipe welding with all of the four major welding processes used in the industry. These include SMAW, GMAW, FCAW-G/FCAW-S, and GTAW.

<b>Required Courses:</b>		<b>Units</b>
WELD 017	Gas Tungsten Arc Welding-Advanced	3
WELD 047	Power Plant and Field Pipe Welding I	3
WELD 048	Power Plant and Field Pipe Welding II	4
WELD 082	Gas Metal Arc Welding-Advanced	3
WELD 092	Flux Cored Arc Welding-Advanced	3
<b>Total Units</b>		<b>16</b>

***This is a Gainful Employment Program***

**Rationale:** Adding this certificate into the program will allow the program to focus on welding processes that the industry is asking for. This would increase the possibility of the welding students completing this certificate in getting jobs.

**Effective:** Fall 2018

## MODIFY CERTIFICATE

### **HEAVY/MEDIUM DUTY DIESEL TRUCK TECHNOLOGY CERTIFICATE**

This certificate is designed to prepare students for entry-level positions for the repair and maintenance of diesel engines in trucks, locomotives, heavy vehicles, and mobile heavy-duty equipment.

<b>REQUIRED COURSES:</b>		<b>Units</b>
CIT 101	Introduction to Computer Literacy	3
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
DIESEL 064	Auto/Truck Electrical Systems	4
<b>or</b>		
AUTO 064	Auto/Truck Electrical Systems	4
ENGL 914	Basic Writing	4
<b>or</b>		
Eligibility for ENGL 015 as determined by the SBVC assessment process		0 - 4
MATH 942	Arithmetic	3
<b>or</b>		
Eligibility for MATH 952 as determined by the SBVC assessment process		0 - 4
<b>RECOMMENDED COURSE:</b>		<b>Units</b>
DIESEL 098	Diesel Work Experience	1 - 4
WELD 010	Introduction to Welding	2
<b>Total Units</b>		<b>31 - 39</b>

*This is a Gainful Employment Program*

**Rationale:** Adding Diesel 098 to recommended courses.  
**Effective:** Fall 2018

## 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:**

		<b>Units</b>
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 I	3
PHT 064 Pharmacy Calculations	3
PHT 070 Pharmacy Systems II	3
PHT 071 Pharmacology II	3
PHT 072 Pharmacy Clinical Experience	5
PHT 074 Pharmacy Seminar	2

**Choose one of the following:**

BIOL 155	Introductory Anatomy and Physiology	4
	<b>or</b>	
BIOL 250	Human Anatomy and Physiology I	4
	<b>and</b>	
BIOL 251	Human Anatomy and Physiology II	4
	<b>or</b>	
BIOL 260	Human Anatomy	4
	<b>and</b>	
BIOL 261	Human Physiology	4

**Total Units** **26 - 38**

***This is a Gainful Employment Program***

**Rationale:** PHT 067 is being renumbered as PHT 071 as per accrediting recommendations.  
 There are no curriculum changes.  
**Effective:** Fall 2018

## MODIFY CERTIFICATE

### **SHIELDED METAL ARC WELDING (SMAW) CERTIFICATE**

This certificate is designed to train students in the use of Shielded Metal Arc Welding (SMAW) often known as Arc or Stick Welding. Electrode identification, welding symbols, and joint design are stressed. Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select.

Students must complete ALL the REQUIRED COURSES plus pass the SMAW Welding Certification either through the City of San Bernardino or Los Angeles. The practical welding certification test for both cities is administered by SBVC Welding Department.

<b>REQUIRED COURSES:</b>		<b>Units</b>
WELD 012	Oxy-Acetylene Welding	2
WELD 045	Beginning Shielded Metal Arc Welding (SMAW)	3
WELD 046	Intermediate Shielded Metal Arc Welding (SMAW)	4
WELD 066	Preparation for Los Angeles City Welding Certification	3

**Total Units** **12**

*Students completing all course work but not finishing the SMAW Certification may proceed to the next certificate. In order to be awarded the certificate, both course work and certification must be completed.*

***This is a Gainful Employment Program***

**Rationale:** Launching certificate to reflect changes to courses.  
**Effective:** Fall 2018

## MODIFY CERTIFICATE

### **WELDING TECHNOLOGY 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 in structural steel construction, maintenance of industrial equipment, strengthening and repair of infrastructure.

#### **REQUIRED COURSES:**

		<b>Units</b>
WELD 010	Introduction to Welding	2
WELD 012	Oxy-Acetylene Welding	2
WELD 015	Gas Tungsten Arc Welding-Beginning	3
WELD 016	Gas Tungsten Arc Welding-Intermediate	4
WELD 027	Inspection of Welds: Destructive Tests	3
	<b>or</b>	
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)	4
WELD 060	Layout Fitter I	4
WELD 066	Preparation for Los Angeles City Welding Certification	3
WELD 080	Gas Metal Arc Welding-Beginning	3
WELD 081	Gas Metal Arc Welding-Intermediate	4
WELD 090	Flux Cored Arc Welding-Gas Shielded	4
WELD 091	Flux Cored Arc Welding-Self Shielded	4
TECALC 087	Technical Calculations	4

**Total Units**

**47**

***This is a Gainful Employment Program***

**Rationale:** Launching to reflect the changes in several courses and to add several new proposed courses.

**Effective:** Fall 2018

## MODIFY DEGREE

### **HEAVY/MEDIUM DUTY DIESEL TRUCK TECHNOLOGY A.S. DEGREE MAJOR**

The Diesel Truck Technology degree prepares the students to seek employment in maintenance and repair of heavy/medium duty trucks at beginning level and can move to advanced level after some experience.

#### **REQUIRED COURSES:**

		<b>Units</b>
CIT 101	Introduction to Computer Literacy	3
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
DIESEL 064	Auto/Truck Electrical Systems	4
	<b>or</b>	
AUTO 064	Auto/Truck Electrical Systems	4

**RECOMMENDED COURSE:**

**Units**

DIESEL 098	Diesel Work Experience	1 - 4
WELD 010	Introduction to Welding	2
<b>Total Units</b>		<b>31</b>

**Rationale:** Adding DIESEL 098 to Recommended courses.

**Effective:** Fall 2018

## MODIFY DEGREE

### **MUSIC A.A. DEGREE MAJOR**

To graduate with a specialization in Music, students must complete the following required courses plus the general breadth requirements for the Associate Degree (total = 60 units).

#### **REQUIRED THEORY COURSES: (16 Units) Units**

MUS 101	Music Theory I: Fundamentals	3
MUS 101L	Musicianship I	1
MUS 102	Music Theory II: Scales and Modes	3
MUS 102L	Musicianship II	1
MUS 201	Music Theory III: Basic Harmony	3
MUS 201L	Musicianship III	1
MUS 202	Music Theory IV: Harmony	3
MUS 202L	Musicianship IV	1

#### **REQUIRED APPLIED COURSES (2 Units) Units**

MUS 141X2	Applied Music I	0.5
<b>and</b>		
MUS 241x2	Applied Music II	0.5

#### **REQUIRED ENSEMBLE COURSES: (4 Units selected from the following) Units**

MUS 150X4	Mixed Chorus	1
MUS 152X4	Chamber Singers	2
MUS 154X4	College Singers	2
MUS 156X4	Concert Choir	2
MUS 158X4	Gospel Choir	1
MUS 162x4	Wind Ensemble	1
MUS 166x4	Concert Band	1

#### **RECOMMENDED COURSES: Units**

MUS 100	Music Appreciation	3
MUS 121	Music History and Literature - Middle Ages to Baroque	3
<b>or</b>		
MUS 121H	Music History and Literature - Middle Ages to Baroque - Honors	3
MUS 122	Music History and Literature - Classic to Contemporary	3
<b>or</b>		
MUS 122H	Music History and Literature - Classic to Contemporary - Honors	3
MUS 123	Electronic Music I	3
MUS 124	Electronic Music II	3
MUS 133	Elementary Piano	3
MUS 170	Jazz Improvisation and Theory I	1
MUS 171	Jazz Improvisation and Theory II	1

MUS 180	Instrumental Chamber Music	1
<b>Total Units</b>		<b>22</b>

**Rationale:** Adding courses to recommended courses.  
**Effective:** Fall 2018

### 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:**

		<b>Units</b>
PHT 060	Pharmacy Systems I	3
PHT 062	Pharmacology I	3
PHT 064	Pharmacy Calculations	3
PHT 070	Pharmacy Systems II	3
PHT 071	Pharmacology II	3
PHT 072	Pharmacy Clinical Experience	5
PHT 074	Pharmacy Seminar	2
Choose one of the following:		0
BIOL 155	Introductory Anatomy and Physiology	4
	<b>or</b>	
BIOL 250	Human Anatomy and Physiology I	4
	<b>and</b>	
BIOL 251	Human Anatomy and Physiology II	4
	<b>or</b>	
BIOL 260	Human Anatomy	4
	<b>and</b>	
BIOL 261	Human Physiology	4
<b>Total Units</b>		<b>26 - 30</b>

**Rationale:** PHT 067 is being renumbered as PHT 071 as per accrediting recommendations.  
 There are no curriculum changes.  
**Effective:** Fall 2018

### MODIFY DEGREE

#### **WELDING TECHNOLOGY A.S. DEGREE MAJOR**

This degree 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 in structural steel construction, maintenance of industrial equipment, strengthening and repair of infrastructure. To graduate with a specialization in Welding Technology, students must complete the following required courses for the certificate plus the general breadth requirements for the Associate of Science Degree (minimum total = 60 units)

##### **REQUIRED COURSES:**

		<b>Units</b>
WELD 010	Introduction to Welding	2
WELD 012	Oxy-Acetylene Welding	2

WELD 015	Gas Tungsten Arc Welding-Beginning	3
WELD 016	Gas Tungsten Arc Welding-Intermediate	4
WELD 027	Inspection of Welds: Destructive Tests	3
	<b>or</b>	
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)	4
WELD 060	Layout Fitter I	4
WELD 066	Preparation for Los Angeles City Welding Certification	3
WELD 080	Gas Metal Arc Welding-Beginning	3
WELD 081	Gas Metal Arc Welding-Intermediate	4
WELD 090	Flux Cored Arc Welding-Gas Shielded	4
WELD 091	Flux Cored Arc Welding-Self Shielded	4
TECALC 087	Technical Calculations	4
<b>Total Units</b>		<b>47</b>

**Rationale:** Updating this degree to reflect changes in several courses and to add several new courses.  
**Effective:** Fall 2018

*\*Due to the UC Office of the President (UCOP) not allowing CCC's to submit new courses for the UC Transferable Course Agreement (UC TCA) during the annual second review (October 2017), new transferable courses approved in Fall 2017 will not be eligible for articulation until Fall 2019.*