

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: November 9, 2017
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
November 9, 2017

CONTENT REVIEW

No Changes to the College Catalog

ART 100	ART 108	AUTO 064	BIOL 222
CD 060	CD 061	CD 075	CD 101
CD 105	CD 105H	CD 113	CD 126
CD 127	CD 130	CD 133	CD 134
CD 136	CD 210	CD 215	CD 244
ENGR 265	GEOG 111	GEOG 111H	HUMSV 147
HUMSV 186	HUMSV 189	SDEV 103	

Rationale: Content Review
Effective: Fall 2018

NEW COURSE

Addition to the 2019-2020 College Catalog

Course ID: ANTHRO 103
Course Title: Anthropology of Food
Units: 3
Lecture: 3 contact hour(s) per week
 48 - 54 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 studies food from a holistic anthropological perspective. It examines production and consumption of food around the world and across time, and it investigates the variability of the cultural meanings and ecological roles of particular food resources and practices.
Schedule Description: This course studies food from a holistic anthropological perspective. It examines production and consumption of food around the world and across time, and it investigates the variability of the cultural meanings and ecological roles of particular food resources and practices.
Rationale: In order to further serve student success by offering relevant, timely, and key GE courses and to further serve the Anthropology AA-T by offering more ANTHRO course choices in List C (there are currently only 3 ANTHRO courses listed but 7 HIST courses), the Anthropology Department would like to offer this course. This is a course offered at other colleges, including Santa Monica City College, Los Rios Community College, and Saddleback College. As evidenced by the 80 courses at UC Berkeley that address food systems and nutrition as well as its minor in Food Studies, courses that specifically address food are growing in demand, and this has long been an important area of study in Anthropology.
TOP Code: 2202.00
Equate: Course not offered at CHC.
Effective: Fall 2019

NEW COURSE*Addition to the 2019-2020 College Catalog*

Course ID:	ART 121
Course Title:	Three-Dimensional Design
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
Departmental Advisory:	ART 120 and ENGL 015 or eligibility for ENGL 101 or ENGL 101H as determined by the SBVC assessment process.
Catalog Description:	This course is a study in the elements and principles of three-dimensional design. The focus is on concepts and their application with regards to spatial relationships and composition. Experimentation is in natural and synthetic materials such as but not limited to paper, clay, wood, plaster, and metal.
Schedule Description:	This course is a study in the elements and principles of three-dimensional design. The focus is on concepts and their application with regards to spatial relationships and composition.
Rationale:	The course transfers to CSU and is part of the Transfer Model Curriculum for the AA-T degrees in both studio art and art history.
TOP Code:	1002.00
Equate:	Course not offered at CHC.
Effective:	Fall 2019

MODIFY COURSE*Changes to the 2018-2019 College Catalog*

COURSE ID	COURSE TITLE
ART 107	ART HISTORY: AFRICA, ASIA, THE AMERICAS, AND OCEANIA

Course Title:	Art History: Africa, Oceania and the Americas
Catalog Description:	The course provides a survey of art from Africa, Oceania and the Americas. This includes an examination of the religious and social factors influencing art, artifacts, and architecture.
Schedule Description:	The course provides a survey of art from Africa, Oceania and the Americas. This includes an examination of the religious and social factors influencing art, artifacts, and architecture.
Rationale:	Content Review. Aligning course content with C-ID
Equate:	Course not offered at CHC.
Effective:	Fall 2018

COURSE ID	COURSE TITLE
ART 120	TWO-DIMENSIONAL DESIGN

Departmental Advisory:	ENGL 015 or eligibility for ENGL 101 or ENGL 101H as determined by the SBVC assessment process.
Rationale:	Content Review. Adding ENGL 015 as Departmental Advisory.
Equate:	ART 120
Effective:	Fall 2018

COURSE ID	COURSE TITLE
AUTO 022	NON-STRUCTURAL COLLISION REPAIR

Catalog Description: This course covers theory and practical experience in automotive collision damage repair and shop safety with a focus on laws and regulations, refinishing techniques, Metal Inert Gas (MIG) welding and steering, suspension and vehicle alignment, and Hybrid and electric vehicle safety procedures. This course may be used in preparation for the Automotive Service Excellence (ASE) National B3 Test.

Schedule Description: This course covers theory and practical experience in automotive collision damage repair and shop safety with a focus on laws and regulations, refinishing techniques, Metal Inert Gas (MIG) welding and steering, suspension and vehicle alignment, and Hybrid and electric vehicle safety procedures. This course may be used in preparation for the Automotive Service Excellence (ASE) National B3 Test.

Rationale: Content Review. Updating course to include hybrid vehicle safety.

Equate: Course not offered at CHC.

Effective: Fall 2018

COURSE ID	COURSE TITLE
AUTO 024	STRUCTURAL ANALYSIS AND DAMAGE REPAIR

Catalog Description: This course covers theory and practical experience in auto collision repair and shop safety, with a focus on Metal Inert Gas (MIG) welding, panel replacement, theory and practical experience in minor uni-body frame measuring and repair, basic hybrid body repair, and hybrid and electric vehicle safety procedures. This course may be used in preparation for the Automotive Service Excellence (ASE) National B4 Test.

Schedule Description: This course covers theory and practical experience in auto collision repair and shop safety, with a focus on Metal Inert Gas (MIG) welding, panel replacement, theory and practical experience in minor uni-body frame measuring and repair, basic hybrid body repair, and hybrid and electric vehicle safety procedures. This course may be used in preparation for the Automotive Service Excellence (ASE) National B4 Test.

Rationale: Content Review. Updating course to include hybrid vehicle safety.

Equate: Course not offered at CHC.

Effective: Fall 2018

COURSE ID	COURSE TITLE
AUTO 067	ENGINE AND EMISSION CONTROL FUNDAMENTALS

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), smog check (Level 2) training in inspection procedures, and Hybrid and electric vehicle safety 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), smog check (Level 2) training in inspection procedures, and Hybrid and electric vehicle safety procedures. Upon satisfactory completion of the course, students receive a state certificate for both Level 1 and Level 2.

Rationale: Content Review. Updating course to include hybrid vehicle safety.
Equate: Course not offered at CHC.
Effective: Fall 2018

COURSE ID	COURSE TITLE
BIOL 104	HUMAN ECOLOGY

Prerequisite: ENGL 015 or eligibility for ENGL 101 or ENGL 101H as determined by the SBVC assessment process.
Rationale: Content Review. Adding ENGL 015 as a Prerequisite.
Equate: Course not offered at CHC.
Effective: Fall 2018

COURSE ID	COURSE TITLE
BIOL 250	HUMAN ANATOMY AND PHYSIOLOGY I

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

Departmental Advisory: BIOL 100

Catalog Description: This is the first semester of a two-semester sequence that introduces students to the basic concepts and principles of human anatomy and physiology. This course provides a foundation for pre-allied professional majors or others interested in the advanced study of human biology. Topics include inorganic and organic chemistry, body orientation and organization, cytology, histology, fluid and electrolyte balances, and the following systems: nervous, skeletal, muscular, nervous, digestive system, and metabolism. Course includes dissections of preserved specimens.

Schedule Description: This is the first semester of a two-semester sequence that introduces students to the basic concepts and principles of human anatomy and physiology. This course provides a foundation for pre-allied professional majors or others interested in the advanced study of human biology. Topics include inorganic and organic chemistry, body orientation and organization, cytology, histology, fluid and electrolyte balances, and the following systems: nervous, skeletal, muscular, nervous, digestive system, and metabolism. Course includes dissections of preserved specimens.

Rationale: Modifications were made to enhance students' conceptual understanding and to better prepare them for their allied health profession.

Equate: Course not offered at CHC.

Effective: Fall 2018

COURSE ID	COURSE TITLE
BIOL 251	HUMAN ANATOMY AND PHYSIOLOGY II

Prerequisite: BIOL 250 and CHEM 101 or CHEM 105

Departmental Advisory: BIOL 100

Catalog Description: This is the second semester of a two-semester sequence that introduces students to the basic concepts and principles of human anatomy and physiology.

This course provides a foundation for pre-professional majors or others interested in the advanced study of human biology. Topics include fluid and electrolyte balance and the following body system: integumentary, cardiovascular, lymphatic, respiratory, urinary, endocrine, and reproductive. The course includes dissections of preserved specimens.

Schedule Description: This is the second semester of a two-semester sequence that introduces students to the basic concepts and principles of human anatomy and physiology. This course provides a foundation for pre-professional majors or others interested in the advanced study of human biology. Topics include fluid and electrolyte balance and the following body system: integumentary, cardiovascular, lymphatic, respiratory, urinary, endocrine, and reproductive. The course includes dissections of preserved specimens.

Rationale: Modifications were made to enhance students' conceptual understanding and to better prepare them for their allied health profession.

Equate: Course not offered at CHC.

Effective: Fall 2018

COURSE ID	COURSE TITLE
BIOL 261	HUMAN PHYSIOLOGY

Prerequisite: BIOL 260 and CHEM 105 or CHEM 101

Departmental Advisory: BIOL 100

Catalog Description: This course is the second semester of a two-semester sequence. It builds on an understanding of structure to explain the dynamic functions of the human body to a cellular level. Topics include physiology of the following systems: muscular, skeletal, nervous, endocrine, cardiovascular, respiratory, digestive, urinary, and reproductive. Homeostatic mechanisms and the interrelationships of body organ systems are emphasized and enhanced with clinical illustrations.

Schedule Description: This course is the second semester of a two-semester sequence. It builds on an understanding of structure to explain the dynamic functions of the human body to a cellular level. Topics include physiology of the following systems: muscular, skeletal, nervous, endocrine, cardiovascular, respiratory, digestive, urinary, and reproductive. Homeostatic mechanisms and the interrelationships of body organ systems are emphasized and enhanced with clinical illustrations.

Rationale: Adding CHEM 105 as a prerequisite for allied health students.

Equate: Course not offered at CHC.

Effective: Fall 2018

COURSE ID	COURSE TITLE
CD 068	EARLY LITERACY FOR YOUNG CHILDREN

Catalog Description: This course examines the principles and developmentally appropriate practices for providing children early literacy skills necessary for a strong foundation for conventional reading and writing. The course will address how to create an environment and curriculum to promote and encourage early literacy beginning at birth through age eight.

Schedule Description: This course will address how to create a developmentally appropriate environment and curriculum that promote and encourage early literacy beginning at birth through age eight.

Rationale: Content Review and adding DE. Slight change in Descriptions.

Equate: Course not offered at CHC.

Effective: Fall 2018

COURSE ID	COURSE TITLE
CD 138	TEACHING IN A DIVERSE SOCIETY

Catalog Description: This course is an examination of the development of social identities in diverse societies including theoretical and practical implications affecting children, families, programs, teaching, education and schooling. Culturally relevant and linguistically appropriate anti-bias approaches supporting all children, from birth through age 8, in becoming competent members of a diverse society will be examined. This course involves self-examination and reflection of related issues in order to better inform teaching practices and program development.

Schedule Description: This course is an examination of the development of social identities in diverse societies including theoretical and practical implications affecting children, families, programs, teaching, education and schooling.

Rationale: Content Review. Slight change to catalog description and some course content updates as well as updates to the textbooks. Only slight changes to the course outline. Using ECE 230 C-ID outline to update course.

Equate: CD 138

Effective: Fall 2018

COURSE ID	COURSE TITLE
CD 186	INFANT AND TODDLER CURRICULUM

Catalog Description: This course is a survey of program and curriculum planning for infants and toddlers childcare and education settings, including early intervention and inclusive programs, emphasizing curriculum and principles and practices of quality care and developmentally appropriate practices specific to infants, toddlers and two-year-old children, birth to three years.

Schedule Description: This course is a survey of program and curriculum planning for infants and toddlers child and education settings, including early intervention and inclusive programs, emphasizing curriculum and principles and practices of quality care and developmentally appropriate practices specific to infants, toddlers and two-year-old children, birth to three years.

Rationale: There are changes to the course descriptions, course objectives, course content and updates of textbooks.

Equate: CD 186

Effective: Fall 2018

COURSE ID	COURSE TITLE
CD 205	CHILD DEVELOPMENT PRACTICUM / FIELD EXPERIENCE

Corequisite: None.

TOP Code: 1305.00

Rationale: Content Review. Removed corequisite for CD 114 - change to prerequisite only now. Updated textbook. See attached C-ID number. Top Code - This is not a school-age course. This course is for ECE -Birth through 5 years.

Equate: CD 205

Effective: Fall 2018

COURSE ID	COURSE TITLE
CD 245	EARLY INTERVENTION AND INCLUSION

Prerequisite: CD 105 or CD 105H
Rationale: Content review. Minor change to out-of-class assignments and update to textbooks.
Equate: Course not offered at CHC.
Effective: Fall 2018

COURSE ID	COURSE TITLE
ENGR 100	ENGINEERING CAREER EXPLORATION

Departmental Advisory: ENGL 015 or eligibility for ENGL 101 or ENGL 101H as determined by the SBVC assessment process.
Rationale: Content Review. Adding ENGL 015 as a Departmental Advisory.
Equate: Course not offered at CHC.
Effective: Fall 2018

COURSE ID	COURSE TITLE
GEOG 102	CULTURAL GEOGRAPHY

Departmental Advisory: ENGL 015 or eligibility for ENGL 101 or ENGL 101H as determined by the SBVC assessment process. MATH 952 or MATH 962 or eligibility for MATH 090 as determined by the SBVC assessment process.
Rationale: Content Review. Adding Departmental Advisories.
Equate: GEOG 102
Effective: Fall 2018

COURSE ID	COURSE TITLE
GEOG 106	GEOGRAPHIC PERSPECTIVES ON THE ENVIRONMENT

Departmental Advisory: ENGL 015 or eligibility for ENGL 101 or ENGL 101H as determined by the SBVC assessment process. MATH 952 or MATH 962 or eligibility for MATH 090 as determined by the SBVC assessment process.
Rationale: Content Review. Adding Departmental Advisories.
Equate: Course not offered at CHC.
Effective: Fall 2018

COURSE ID	COURSE TITLE
GEOG 110	PHYSICAL GEOGRAPHY

Departmental Advisory: ENGL 015 or eligibility for ENGL 101 or ENGL 101H as determined by the SBVC assessment process. MATH 952 or MATH 962 or eligibility for MATH 090 as determined by the SBVC assessment process.
Catalog Description: Within a human-environment framework, students will review basic physical elements of geography, with emphasis on weather, climate, water, soil, landforms, native animal life and natural vegetation, and their interrelationships and patterns of distribution on a worldwide basis. GEOG 111/GEOG 111H is strongly recommended for students who desire to transfer to CSU/UC. It is

recommended that students complete GEOG 111/GEOG 111H within three years of completing GEOG 110.

Schedule Description:

Within a human-environment framework, students will review basic physical elements of geography, with emphasis on weather, climate, water, soil, landforms, native animal life and natural vegetation, and their interrelationships and patterns of distribution on a worldwide basis. GEOG 111/GEOG 111H is strongly recommended for students who desire to transfer to CSU/UC. It is recommended that students complete GEOG 111/GEOG 111H within three years of completing GEOG 110.

Rationale:

Content Review. Adding Departmental Advisories.

Equate:

GEOG 110

Effective:

Fall 2018

COURSE ID	COURSE TITLE
GEOG 114	WEATHER AND CLIMATE

Departmental Advisory:

ENGL 015 or eligibility for ENGL 101 or ENGL 101H as determined by the SBVC assessment process. MATH 952 or MATH 962 or eligibility for MATH 090 as determined by the SBVC assessment process.

Catalog Description:

This course covers Earth's atmospheric phenomena, with special reference to causes and regional distribution of weather and climate, both past and present. Topics include atmospheric structure and composition, solar radiation and energy balances, temperature, seasonal changes, atmospheric moisture, clouds and fog, precipitation, air pressure, winds, air masses and fronts, cyclones, weather forecasting, climate, and climate change. Emphasis will be given to current environmental topics, including natural and anthropogenic global climate change, air pollution, and global dimming.

Schedule Description:

This course covers Earth's atmospheric phenomena, with special reference to causes and regional distribution of weather and climate, both past and present. Topics include atmospheric structure and composition, solar radiation and energy balances, temperature, seasonal changes, atmospheric moisture, clouds and fog, precipitation, air pressure, winds, air masses and fronts, cyclones, weather forecasting, climate, and climate change. Emphasis will be given to current environmental topics, including natural and anthropogenic global climate change, air pollution, and global dimming.

Rationale:

Content Review. Adding Departmental Advisories.

Equate:

GEOG 114

Effective:

Fall 2018

COURSE ID	COURSE TITLE
GEOG 118	CALIFORNIA GEOGRAPHY

Departmental Advisory:

ENGL 015 or eligibility for ENGL 101 or ENGL 101H as determined by the SBVC assessment process. MATH 952 or MATH 962 or eligibility for MATH 090 as determined by the SBVC assessment process.

Rationale:

Content Review. Adding Departmental Advisories.

Equate:

GEOG 126

Effective:

Fall 2018

COURSE ID	COURSE TITLE
GEOG 120	WORLD REGIONAL GEOGRAPHY

Departmental Advisory:	ENGL 015 or eligibility for ENGL 101 or ENGL 101H as determined by the SBVC assessment process. MATH 952 or MATH 962 or eligibility for MATH 090 as determined by the SBVC assessment process.
Catalog Description:	This course provides an introduction to world regional geography, emphasizing the nature of major cultural regions of the world. Through a comprehensive regional analysis, students will learn social structures, religions, languages, political systems, economics, environmental relationships, transportation networks, population dynamics, and urban development across the globe.
Schedule Description:	This course provides an introduction to world regional geography, emphasizing the nature of major cultural regions of the world. Through a comprehensive regional analysis, students will learn social structures, religions, languages, political systems, economics, environmental relationships, transportation networks, population dynamics, and urban development across the globe.
Rationale:	Content Review. Adding Departmental Advisories.
Equate:	GEOG 120
Effective:	Fall 2018

COURSE ID	COURSE TITLE
SDEV 102	PATHWAYS FOR COLLEGE & LIFE SUCCESS

Course Title:	Pathways for College and Life Success
Rationale:	Updating course to ensure alignment with CSU-GE guidelines for Area E, necessary updates to the course objectives and course content are being made.
Equate:	Course not offered at CHC.
Effective:	Fall 2018

DISTRIBUTED EDUCATION

ANTHRO 103	ART 100	ART 107	ART 108
BIOL 104	BIOL 250	BIOL 251	BIOL 261
CD 060	CD 061	CD 068	CD 075
CD 105	CD 105H	CD 113	CD 126
CD 127	CD 133	CD 186	CD 244
GEOG 102	GEOG 106	GEOG 110	GEOG 114
GEOG 118	GEOG 120	HUMSV 147	HUMSV 186
HUMSV 189	SDEV 102	SDEV 103	

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

AUTOMOTIVE INTERIORS CERTIFICATE

This certificate is designed to prepare students for entry-level work/employment as an auto interiors technician.

Required Courses:	Units
AUTO 020 Non-Structural Body Repair	6
AUTOIN 010 Basic Auto Upholstery	4
AUTOIN 012 Advanced Custom Auto Interiors	4
AUTOST 010 Beginning Street Rod Construction	4
Total Units	18

This is a Gainful Employment Program

Rationale: This certificate was requested by the Auto collision Advisory Committee and the collision industry.

Effective: Fall 2018

NEW CERTIFICATE

STREET ROD CONSTRUCTION CERTIFICATE

This certificate is designed to prepare students for entry-level work as a street rod builder apprentice or related areas of the auto related industry.

Required Courses	Units
AUTOST 010 Beginning Street Rod Construction	4
AUTORS 010 Basic Vehicle Restoration	4
AUTO 020 Non-Structural Body Repair	6
Total Units	14

Rationale: This certificate was requested by the Auto collision Advisory Committee and the collision industry.

Effective: Fall 2018

MODIFY CERTIFICATE

ACCOUNTING CERTIFICATE

Students working for a certificate must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select. This certificate is designed to prepare students for entry-level positions, updating and maintaining accounting records, calculating disbursements and receipts, tracking accounts payable and receivable, and determining profit and loss.

REQUIRED COURSES	Units
ACCT 047 Computerized Accounting	3
ACCT 200 Financial Accounting	4
ACCT 201 Managerial Accounting	4
BUSAD 100 Introduction to Business	3
BUSAD 210 Business Law	3
or	
BUSAD 211 The Legal Environment of Business	3
ECON 208 Business and Economic Statistics	4

	or		
MATH 108	Introduction to Probability and Statistics		4
ECON 200	Principles of Macroeconomics		3
	or		
ECON 200H	Principles of Macroeconomics - Honors		3
ECON 201	Principles of Microeconomics		3
	or		
ECON 201H	Principles of Microeconomics - Honors		3
RECOMMENDED COURSES (8-10 UNITS)			Units
ACCT 030	Federal and State Taxation		4
ACCT 090	Payroll Accounting		3
MATH 102	College Algebra		4
CIT 101	Introduction to Computer Literacy		3
CIT 114	Spreadsheets: Excel		3

Total Units **36 - 37**

This is a Gainful Employment Program

Rationale: Content Review.
Effective: Fall 2018

MODIFY CERTIFICATE

AUTOMATIC AND MANUAL TRANSMISSION CERTIFICATE

This certificate prepares students to gain entry-level employment in maintenance and repair of automotive and hybrid vehicle transmissions. Transmission technicians work with some of the most advanced technology in the auto service industry, including computer command control on electronic gear trains, couplings, hydraulic pumps and other transmission components.

REQUIRED COURSES:		Units
AUTO 064	Auto/Truck Electrical Systems	4
	or	
DIESEL 064	Auto/Truck Electrical Systems	4
	or	
AUTO 065	Electrical Systems Diagnosis and Repair	5
AUTO 075	Automatic Transmissions Rear Wheel Drive	4
AUTO 076	Automatic Transaxles Front Wheel Drive	4
AUTO 077	Manual Transmissions and Transaxles	4
AUTO 084	General Automotive Technology	4
AUTO 090	Engine Repair	6
Students must choose one of the following:		Units
TECALC 087	Technical Calculations	4
MATH 942	Arithmetic	3
	or	
Eligibility for MATH 952 as determined by the SBVC assessment process		0

Total Units **30 - 34**

This is a Gainful Employment Program

Rationale: Content Review.

Effective: Fall 2018

MODIFY CERTIFICATE

AUTOMOTIVE TECHNICIAN CERTIFICATE

This certificate is designed to prepare students for entry-level work as automotive technicians working in areas such as general automotive and hybrid repair and service.

REQUIRED COURSES:

		Units
AUTO 010	Introduction to Hybrid and Electric Vehicle Technology	4
AUTO 050	Automotive Brakes	4
AUTO 052	Automotive Suspension and Steering	4
AUTO 056	Automotive Heating and Air Conditioning	4
AUTO 064	Auto/Truck Electrical Systems	4
	or	
DIESEL 064	Auto/Truck Electrical Systems	4
AUTO 065	Electrical Systems Diagnosis and Repair	5
AUTO 068	Engine Performance - Ignition Systems	5
AUTO 069	Engine Performance - Fuel and Exhaust Systems	5
AUTO 075	Automatic Transmissions Rear Wheel Drive	4
	or	
AUTO 076	Automatic Transaxles Front Wheel Drive	4
AUTO 077	Manual Transmissions and Transaxles	4
AUTO 084	General Automotive Technology	4
AUTO 090	Engine Repair	6
		Units
Students must choose one of the following:		
TECALC 087	Technical Calculations	4
	or	
MATH 942	Arithmetic	3
	or	
Eligibility for MATH 952 as determined by the SBVC Assessment Process		0

Total Units

53 - 57

This is a Gainful Employment Program

Rationale: Content Review.

Effective: Fall 2018

MODIFY CERTIFICATE

BASIC AUTOMOTIVE COLLISION REPAIR AND REFINISHING CERTIFICATE

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. This certificate is designed to prepare students for entry-level work as an auto collision repair and painter apprentice, or in related areas of an automotive dealership or shop, such as chassis, front end, or frame repair, and parts counter clerk.

REQUIRED COURSES:

		Units
AUTO 020	Non-Structural Body Repair	6
AUTO 022	Non-Structural Collision Repair	6
AUTO 024	Structural Analysis and Damage Repair	6

AUTO 026

Auto Collision Refinishing

6

Total Units**24**

AUTO 20 may be waived through the Articulation 2+2+2 program with prior agreement with the auto collision and refinishing instructor.

This is a Gainful Employment Program

Rationale: Content Review.

Effective: Fall 2018

MODIFY CERTIFICATE

BUSINESS ADMINISTRATION CERTIFICATE

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. This certificate is designed to prepare students for entry-level work in the business field by providing the fundamentals of business organization and management as well as in marketing and business law.

REQUIRED COURSES:

		Units
ACCT 010	Bookkeeping	3
	or	
ACCT 200	Financial Accounting	4
BUSAD 050	Business Math	3
BUSAD 100	Introduction to Business	3
BUSAD 103	Marketing Principles	3
BUSAD 108	Personal Finance, Investments and Estate Planning	3
BUSAD 127	Business Communication	3
CIT 101	Introduction to Computer Literacy	3
COMMST 100	Elements of Public Speaking	3
	or	
COMMST 100H	Elements of Public Speaking - Honors	3

Total Units**24 - 25**

This is a Gainful Employment Program

Rationale: Content Review.

Effective: Fall 2018

MODIFY CERTIFICATE

COMMUNICATION ENGINEERING TECHNOLOGY CERTIFICATE

This certificate is designed to provide students with the fundamentals of electronics technology as it applies to communication engineering. The curriculum prepares students for entry-level positions in electronics communication maintenance, installation, field service, networking, and apprenticeship in the field of communication engineering technology. 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.

REQUIRED COURSES:

		Units
TECALC 087	Technical Calculations	4
ELECTR 110	Direct Current Circuit Analysis	3
ELECTR 111	Direct Current Circuit Laboratory	1
ELECTR 115	Alternating Current Circuit Analysis	3

ELECTR 116	Alternating Current Circuit Laboratory	1
ELECTR 155	Electronic Drawing and Assembly	3
ELECTR 230	Semiconductor Devices	3
ELECTR 235	Solid State Circuit Analysis	4
ELECTR 265	Digital Logic Design	4
ELECTR 266	Microprocessor Technology with Assembly Language	4
ELECTR 270	Linear Integrated Circuit Analysis	4
ELECTR 220C	FCC Rules and Regulations	3
ELECTR 250C	Radio Transmitters, Receivers and Antennas	4
ELECTR 255C	Telephone and Data Networking	4

Total Units**45*****This is a Gainful Employment Program*****Rationale:** Content Review.**Effective:** Fall 2018**MODIFY CERTIFICATE****CHILD DEVELOPMENT - ASSOCIATE TEACHER CERTIFICATE**

The Associate Teacher Certificate is designed to be the first step toward obtaining entry-level employment in the field of Early Childhood Education in a preschool or childcare setting. The Associate Teacher Certificate requires 19 CD units, which includes four units of practicum/ supervised experience with young children.

This Certificate meets California Title 5 requirements for the Child Development Associate Teacher Permit. Applications can be obtained through the California Commission on Teacher Credentialing Office.

Required Courses:		Units
CD 105	Child Growth and Development	3
	or	
CD 105H	Child Growth and Development-Honors	3
CD 113	Principles and Practices of Teaching Young Children	3
CD 114	Introduction to Curriculum	3
CD 126	Child, Family, and the Community	3
Choose one course from the following:		Units
CD 101	Parent-Child Interaction	3
	or	
CD 127	Guidance of Children	3
Required course for experience working with children:		Units
CD 205	Child Development Practicum / Field Experience	4

Total Units**19*****This is a Gainful Employment Program*****Rationale:** Content Review.**Effective:** Fall 2018

MODIFY CERTIFICATE

CHILD DEVELOPMENT - EARLY INTERVENTION AND INCLUSION CERTIFICATE

The Early Intervention and Inclusion Certificate prepares individuals to work as early childhood paraprofessionals with expertise in special education and early intervention. The program's perspective is culturally sensitive and family-focused which emphasizes the value of individual differences in young children. This certificate meets the State's competencies for early childhood intervention/early childhood special education paraprofessionals.

This Certificate meets California Title 5 requirements for the Child Development Associate Teacher Permit. Upon completion of all the courses, contact the California Commission on Teacher Credentialing Office for an application.

Required Courses:		Units
CD 105	Child Growth and Development	3
	or	
CD 105H	Child Growth and Development-Honors	3
CD 111	Observation and Assessment in Child Development	3
CD 126	Child, Family, and the Community	3
CD 127	Guidance of Children	3
CD 185	Infant/Toddler Growth and Development	3
CD 186	Infant and Toddler Curriculum	3
CD 244	Children with Special Needs	3
CD 245	Early Intervention and Inclusion	3
Required Experience Working with Children:		Units
CD 205	Child Development Practicum / Field Experience	4
	or	
CD 210	Infant and Toddler Practicum	4
CD 215	Early Intervention and Inclusion Internship	4
Total Units		32

This is a Gainful Employment Program

Rationale: Content Review.

Effective: Fall 2018

MODIFY CERTIFICATE

CHILD DEVELOPMENT - INFANT/TODDLER CERTIFICATE

The Infant/Toddler Certificate is designed to be the first step toward obtaining entry-level employment specializing in infant/toddler care. Students will be prepared to work with infants/toddlers (0-36 months) enabling the student to assist a teacher in a public infant/toddler program or teach infants/toddlers in a private child care setting. The Infant/Toddler Certificate requires 25 CD units, which includes four units of CD Practicum/Field Work experience with infants/toddlers.

Required Courses:		Units
CD 105	Child Growth and Development	3
	or	
CD 105H	Child Growth and Development-Honors	3
CD 111	Observation and Assessment in Child Development	3
CD 126	Child, Family, and the Community	3
CD 127	Guidance of Children	3
CD 185	Infant/Toddler Growth and Development	3
CD 186	Infant and Toddler Curriculum	3

CD 244	Children with Special Needs	3
Experience Working with Children from Ages Birth-24 Months:		Units
CD 205	Child Development Practicum / Field Experience	4
	or	
CD 210	Infant and Toddler Practicum	4
Total Units		25
<i>This is a Gainful Employment Program</i>		

Rationale: Content Review.
Effective: Fall 2018

MODIFY CERTIFICATE

CHILD DEVELOPMENT - SCHOOL AGE CERTIFICATE

The School-Age Certificate is designed to be the first step toward entry-level employment specializing in the care of children from 6-12 years. It prepares students for working in after-school programs or childcare facilities that serve older children. *This Certificate meets the course and unit requirements for the Child Development Associate Teacher Permit with a School-Age Emphasis and the Child Development Associate Teacher Permit through the California Commission on Teacher Credentialing.*

Required Courses:		Units
CD 060	Understanding School-Age Children	3
CD 061	Activities for School-Age Children	3
CD 105	Child Growth and Development	3
	or	
CD 105H	Child Growth and Development-Honors	3
CD 113	Principles and Practices of Teaching Young Children	3
CD 114	Introduction to Curriculum	3
CD 126	Child, Family, and the Community	3
CD 127	Guidance of Children	3
CD 138	Teaching in a Diverse Society	3
Experience observing and interacting with children age 6-12 years:		Units
CD 111	Observation and Assessment in Child Development	3
Total Units		27
<i>This is a Gainful Employment Program</i>		

Rationale: Content Review.
Effective: Fall 2018

MODIFY CERTIFICATE

COMPUTER ENGINEERING TECHNOLOGY CERTIFICATE

This certificate is designed to provide students with the fundamentals of electronics technology as it applies to computer engineering. The curriculum prepares students for entry-level positions in computer maintenance, installation, field service, networking, and apprenticeship in the field of computer engineering technology. 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.

REQUIRED COURSES:		Units
ELECTR 110	Direct Current Circuit Analysis	3
ELECTR 111	Direct Current Circuit Laboratory	1

ELECTR 115	Alternating Current Circuit Analysis	3
ELECTR 116	Alternating Current Circuit Laboratory	1
ELECTR 155	Electronic Drawing and Assembly	3
ELECTR 230	Semiconductor Devices	3
ELECTR 235	Solid State Circuit Analysis	4
ELECTR 265	Digital Logic Design	4
ELECTR 266	Microprocessor Technology with Assembly Language	4
ELECTR 270	Linear Integrated Circuit Analysis	4
ELECTR 280C	Computer Operation and Maintenance	4
TECALC 087	Technical Calculations	4

Total Units **38**

This is a Gainful Employment Program

Rationale: Content Review.

Effective: Fall 2018

MODIFY CERTIFICATE

ELECTRIC POWER TECHNOLOGY CERTIFICATE

This certificate is designed to provide students with the fundamentals of electronics technology as it applies to industrial electricity. The curriculum prepares students for entry-level positions in electrical maintenance, installation, field service, networking, and apprenticeship in the field of electric power technology. 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.

REQUIRED COURSES:

		Units
TECALC 087	Technical Calculations	4
ELECTR 110	Direct Current Circuit Analysis	3
ELECTR 111	Direct Current Circuit Laboratory	1
ELECTR 115	Alternating Current Circuit Analysis	3
ELECTR 116	Alternating Current Circuit Laboratory	1
ELECTR 155	Electronic Drawing and Assembly	3
ELECTR 230	Semiconductor Devices	3
ELECTR 235	Solid State Circuit Analysis	4
ELECTR 265	Digital Logic Design	4
ELECTR 266	Microprocessor Technology with Assembly Language	4
ELECTR 270	Linear Integrated Circuit Analysis	4
ELEC 216C	Introduction to Industrial Electricity	4
ELEC 217C	Industrial Electricity	4
ELEC 218C	Controlling Industrial Electricity	4

Total Units **46**

This is a Gainful Employment Program

Rationale: Content Review.

Effective: Fall 2018

MODIFY CERTIFICATE

ELECTRONICS TECHNOLOGY CERTIFICATE

This certificate is designed to provide students with the fundamentals of electronics technology. It also prepares students for entry-level positions in electronics maintenance, installation, field service, networking, and apprenticeship in the field of electronics technology. 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 should have normal color vision, hand/eye coordination and the ability to lift over 50 pounds.

REQUIRED COURSES:

		Units
TECALC 087	Technical Calculations	4
ELECTR 110	Direct Current Circuit Analysis	3
ELECTR 111	Direct Current Circuit Laboratory	1
ELECTR 115	Alternating Current Circuit Analysis	3
ELECTR 116	Alternating Current Circuit Laboratory	1
ELECTR 155	Electronic Drawing and Assembly	3
ELECTR 230	Semiconductor Devices	3
ELECTR 235	Solid State Circuit Analysis	4
ELECTR 265	Digital Logic Design	4
ELECTR 266	Microprocessor Technology with Assembly Language	4
ELECTR 270	Linear Integrated Circuit Analysis	4

Total Units

34

This is a Gainful Employment Program

Rationale: Content Review.
Effective: Fall 2018

MODIFY CERTIFICATE

ENGINE PERFORMANCE CERTIFICATE

This certificate is designed to prepare students for entry-level work as an engine performance specialist, diagnostic technician, or a state certified Smog check and repair technician. Students will become familiar with computer systems, hybrid and electrical systems, basic engine diagnosis, emissions repair, and the Smog certification test.

REQUIRED COURSES:

		Units
AUTO 064	Auto/Truck Electrical Systems	4
	or	
DIESEL 064	Auto/Truck Electrical Systems	4
AUTO 066	ASE Alternative A-6, A-8, L-1 Prep or Certificate	4
AUTO 067	Engine and Emission Control Fundamentals	4
AUTO 068	Engine Performance - Ignition Systems	5
AUTO 069	Engine Performance - Fuel and Exhaust Systems	5
Students must choose one of the following:		Units
TECALC 087	Technical Calculations	4
	or	
MATH 942	Arithmetic	3
	or	
Eligibility for MATH 952 as determined by the SBVC Assessment Process		0

Total Units **22 - 26**

This is a Gainful Employment Program

Rationale: Content Review.
Effective: Fall 2018

MODIFY CERTIFICATE

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
ENGL 015 Preparation for College Writing	0 - 4
or eligibility for ENGL 101 or ENGL 101H as determined by the SBVC assessment process.	0
ART 100 Art History: The Stone Age to the Middle Ages	3
or	
ART 102 Art History: Renaissance to Present	3
or	
ART 102H Art History: Renaissance to Present - Honors	3
or	
ART 105 History of Modern Art	3
or	
ART 107 Art History: Africa, Oceania and the Americas	3
or	
ART 108 Art of Mexico and Mesoamerica	3
ART 120 Two-Dimensional Design	3
ART 145 Fundamentals of Graphic Design	3
ART 148 Beginning Computer Graphic Design	3
ART 149 Intermediate Computer Graphic Design	3
ART 161 Digital Photography	3
ART 185 Beginning Website Design	3
or	
BUSAD 100 Introduction to Business	3

Total Units **21 - 25**

This is a Gainful Employment Program

Rationale: Content Review.
Effective: Fall 2018

MODIFY CERTIFICATE

HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION CERTIFICATE

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. This certificate is designed to prepare students with the necessary knowledge and skills to obtain entry-level employment in the field of heating, ventilation, air conditioning and refrigeration, installing, maintaining, and repairing such systems.

REQUIRED COURSES:

		Units
HVAC/R 001	HVAC/R Fundamentals	4
HVAC/R 002	Domestic Mechanical Refrigeration	4
HVAC/R 003	Commercial Mechanical Refrigeration	4
HVAC/R 004	Electrical Fundamentals for HVAC/R	4
HVAC/R 005	Commercial Electric for HVAC/R	4
HVAC/R 006	HVAC/R Air Distribution Systems	4
HVAC/R 007	Welding for HVAC/R	3
TECALC 087	Technical Calculations	4
	or	
MATH 095	Intermediate Algebra	4
	Environmental Protection Agency (EPA) Universal Certification (608)	0

RECOMMENDED COURSE:

Students are encouraged to take this course to augment their knowledge of air conditioning and heating:

AUTO 056	Automotive Heating and Air Conditioning	4
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Total Units		31
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This is a Gainful Employment Program

Rationale: Content Review.

Effective: Fall 2018

MODIFY CERTIFICATE

POWERPLANT MAINTENANCE TECHNICIAN CERTIFICATE

This certificate is designed to prepare students to qualify for the Powerplant Certificate issued by the Federal Aviation Administration (FAA), which enables the holder to perform 100 hours and annual inspections on aircraft ranging from small aircraft used in general aviation to jets utilized by commercial airlines. The written examinations are administered by the FAA at computer testing centers. The total program requires 1,150 hours of lecture and laboratory.

REQUIRED COURSES:

		Units
AERO 050	General/Calculations and Basic Electricity Airframe and Powerplant Technologies	5
AERO 050L	General Laboratory/Calculations and Basic Electricity Airframe and Powerplant Technologies	2
AERO 051	General/Materials and Servicing Airframe and Powerplant Technologies	5
AERO 051L	General Laboratory/Materials and Servicing Airframe and Powerplant Technologies	2
AERO 054	Powerplant Maintenance - Reciprocating Engine Overhaul	6
AERO 054L	Powerplant Maintenance Laboratory - Reciprocating Engine Overhaul	5
AERO 055	Powerplant Maintenance - Accessory Overhaul	6
AERO 055L	Powerplant Maintenance Laboratory - Accessory Overhaul	5

Total Units		36
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This is a Gainful Employment Program

Rationale: Content Review.
Effective: Fall 2018

MODIFY CERTIFICATE**PREVENTATIVE MAINTENANCE TECHNICIAN CERTIFICATE**

This certificate is designed to prepare students for employment as technicians performing entry-level preventative maintenance and minor repairs. Typical duties include new car preparation, vehicle inspections and assisting master technicians.

Required Courses:	Units
AUTO 050 Automotive Brakes	4
AUTO 052 Automotive Suspension and Steering	4
AUTO 064 Auto/Truck Electrical Systems	4
or	
DIESEL 064 Auto/Truck Electrical Systems	4
AUTO 065 Electrical Systems Diagnosis and Repair	5
AUTO 084 General Automotive Technology	4

Students must choose one of the following:	Units
TECALC 087 Technical Calculations	4
or	
MATH 942 Arithmetic	3
or	
Eligibility for MATH 952 as determined by the SBVC assessment process	0

Total Units **21 - 25**

This is a Gainful Employment Program

Rationale: Content Review.
Effective: Fall 2018

MODIFY CERTIFICATE**PSYCHIATRIC TECHNOLOGY CERTIFICATE**

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. This certificate is designed to prepare students for employment as a Psychiatric Technician, providing care and participating in the treatment of mentally and developmentally disabled clients. Learning activities are conducted on the college campus and a variety of community agencies.

The curriculum prepares students to take the California Psychiatric Technician license examination. The Psychiatric Technology program is accredited by the California Board of Vocational Nursing and Psychiatric Technicians.

Students must complete program prerequisites, apply and be accepted into the Psychiatric Technology program. To enroll in the program, students must pass a background check and meet health requirements. The California Board of Vocational Nursing and Psychiatric Technicians may deny a license based on any conviction or action substantially related to Psychiatric Technician practice.

REQUIRED COURSES:	Units
PSYTCH 084 Introduction to Psychiatric Technology	17
PSYTCH 085 Psychiatric Technology: Nursing Science	12
PSYTCH 086 Introduction to Psychiatric Technology: Behavioral Science	17

Total Units	46
<i>This is a Gainful Employment Program</i>	

Rationale:	Content Review.
Effective:	Fall 2018

MODIFY CERTIFICATE

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
ENGL 015 Preparation for College Writing	0 - 4
or eligibility for ENGL 101 or ENGL 101H as determined by the SBVC assessment process.	0
ART 100 Art History: The Stone Age to the Middle Ages	3
or	
ART 102 Art History: Renaissance to Present	3
or	
ART 102H Art History: Renaissance to Present - Honors	3
or	
ART 105 History of Modern Art	3
or	
ART 107 Art History: Africa, Oceania and the Americas	3
or	
ART 108 Art of Mexico and Mesoamerica	3
ART 120 Two-Dimensional Design	3
ART 148 Beginning Computer Graphic Design	3
ART 161 Digital Photography	3
ART 185 Beginning Website Design	3
ART 186 Interactive Web Design	3
Choose one course (1) from the following:	
ART 180 Beginning 3D Computer Animation	3
or	
BUSAD 100 Introduction to Business	3

Total Units	21 - 25
<i>This is a Gainful Employment Program</i>	

Rationale:	Updating ART 107 title.
Effective:	Fall 2018

MODIFY CERTIFICATE

WHEEL ALIGNMENT AND BRAKES CERTIFICATE

This certificate is designed to prepare students for entry-level work as an automotive technician working in the area of wheel alignment and brake repair.

REQUIRED COURSES:

	Units
AUTO 050 Automotive Brakes	4

AUTO 051	Advanced Automotive Brakes	4
AUTO 052	Automotive Suspension and Steering	4
AUTO 053	Advanced Automotive Suspension and Steering	4
AUTO 064	Auto/Truck Electrical Systems	4
	or	
DIESEL 064	Auto/Truck Electrical Systems	4
AUTO 084	General Automotive Technology	4
Students must choose one of the following:		Units
TECALC 087	Technical Calculations	4
	or	
MATH 942	Arithmetic	3
	or	
Eligibility for MATH 952 as determined by the SBVC Assessment Process		0

Total Units **24 - 28**

This is a Gainful Employment Program

Rationale: Content Review.
Effective: Fall 2018

MODIFY DEGREE

ACCOUNTING ASSOCIATE OF ARTS DEGREE

To graduate with a specialization in Accounting, students must complete all requirements for the certificate plus the general breadth requirements for the Associate Degree (minimum total = 60 units)

REQUIRED COURSES		Units
ACCT 047	Computerized Accounting	3
ACCT 200	Financial Accounting	4
ACCT 201	Managerial Accounting	4
BUSAD 100	Introduction to Business	3
BUSAD 210	Business Law	3
	or	
BUSAD 211	The Legal Environment of Business	3
ECON 208	Business and Economic Statistics	4
	or	
MATH 108	Introduction to Probability and Statistics	4
ECON 200	Principles of Macroeconomics	3
	or	
ECON 200H	Principles of Macroeconomics - Honors	3
ECON 201	Principles of Microeconomics	3
	or	
ECON 201H	Principles of Microeconomics - Honors	3
RECOMMENDED COURSES (8-10 units)		Units
ACCT 030	Federal and State Taxation	4
ACCT 090	Payroll Accounting	3
CIT 101	Introduction to Computer Literacy	3
CIT 114	Spreadsheets: Excel	3

MATH 102	College Algebra	4
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Total Units		35 - 37
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Rationale: Content Review.
Effective: Fall 2018

MODIFY DEGREE

ANTHROPOLOGY ASSOCIATE OF ARTS TRANSFER DEGREE (AA-T)

Anthropology is the study of what it means to be human. It has been called the most scientific of the humanities and the most humanistic of the sciences as it takes a broad approach to the study of humanity, integrating biological, archaeological, cultural, and linguistic perspectives. Anthropologists often aim for their work to aid in understanding and solving real-world issues faced by humans today. The courses within this program are designed to provide students with applicable skills useful in a vast range of occupations.

The Associate in Arts for Transfer (AA-T) or the Associate in Science for Transfer (AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing these degrees (AA-T or AS-T) are guaranteed admission to the CSU system, but not to a particular campus or major. To earn this Anthropology AA-T degree, students must meet the following requirements:

- completion of the following major requirements with grades of C or better;
- completion of a minimum of 60 CSU transferable semester units with a grade point average of a least 2.0; and
- certified completion of the CSU General Education-Breadth (CSUGE) or Intersegmental General Education Transfer Curriculum (IGETC) for CSU, which requires a minimum of 37-39 units.

It is highly recommended that students complete courses that satisfy the U.S. History, Constitution, and American Ideals requirement as part of CSUGE or IGETC before transferring to a CSU.

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

Core Courses: (9 Units)	Units	
ANTHRO 100	Introduction to Archaeology	3
ANTHRO 102	Cultural Anthropology	3
	or	
ANTHRO 102H	Cultural Anthropology - Honors	3
ANTHRO 106	Biological Anthropology	3
	or	
ANTHRO 106H	Biological Anthropology - Honors	3
List A: Select one course from the following: (3 units minimum)		
ANTHRO 125	Language and Culture	3
ENGL 102	Intermediate Composition and Critical Thinking	4
	or	
ENGL 102H	Intermediate Composition and Critical Thinking - Honors	4
MATH 108	Introduction to Probability and Statistics	4
PSYCH 105	Statistics for the Behavioral Sciences	4
List B: Select one to two courses: (4 units maximum)		
BIOL 260	Human Anatomy	4
GEOL 101	Introduction to Physical Geology	3
	and	
GEOL 111	Introduction to Physical Geology Laboratory	1
GIS 130	Introduction to Geographic Information Systems (GIS)	3

PSYCH 201	Research Methods for the Behavioral Sciences	4
List C: Select one course (3 units minimum) or Any course from List A or B not already used:		
ANTHRO 103	Anthropology of Food	3
ANTHRO 106L	Biological Anthropology Laboratory	1
ANTHRO 108	North American Indians	3
ANTHRO 109	Visual Culture and Art	3
ANTHRO 110	Magic, Witchcraft, and Religion	3
ART 108	Art of Mexico and Mesoamerica	3
COMMST 174	Intercultural Communication	3
ENGL 163	Chicano Literature	3
ENGL 165	African-American Literature	3
ENGL 280	World Literature: To 17th Century	3
ENGL 281	World Literature: 17th Century to Present	3
HIST 107	The United States and the North American Indians	3
HIST 137	Racial and Ethnic Groups in United States History	3
HIST 139	African-American History 1877 to Present	3
HIST 140	Chicano History	3
HIST 150	Introduction to Latin American History	3
HIST 170	World History to 1500	3
HIST 171	World History Since 1500	3
MUS 107	Music of the World	3
POLIT 141	Introduction to World Politics	3
	or	
POLIT 141H	Introduction to World Politics - Honors	3
RELIG 101	Introduction to World Religions	3
SOC 100	Introduction to Sociology	3
	or	
SOC 100H	Introduction to Sociology - Honors	3
SOC 141	Race and Ethnic Relations	3
Major Total:		18-21
CSU GE-Breadth or IGETC for CSU requirements:		37-39
Total units that may be double-counted for CSUGE or IGETC:		19
CSU electives (as needed to reach 60 transferable units):		19-24
Total Units		60

Rationale: Adding ANTHRO 103.
Effective: Fall 2019*

MODIFY DEGREE

ART ASSOCIATE OF ARTS DEGREE

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
ART 100 Art History: The Stone Age to the Middle Ages	3

ART 102	Art History: Renaissance to Present	3
	or	
ART 105	History of Modern Art	3
	or	
ART 107	Art History: Africa, Oceania and the Americas	3
	or	
ART 108	Art of Mexico and Mesoamerica	3
ART 121	Three-Dimensional Design	3
ART 120	Two-Dimensional Design	3
	or	
ART 175A	Beginning Sculpture	3
	or	
ART 212A	Beginning Ceramics	3
ART 124A	Beginning Drawing	3
ART 126A	Beginning Painting	3
	or	
ART 132A	Beginning Life Drawing	3
ART 148	Beginning Computer Graphic Design	3
ART 161	Digital Photography	3
Total Units		24

Rationale: Adding ART 121.
Effective: Fall 2019*

MODIFY DEGREE

ASTRONOMY ASSOCIATE OF SCIENCE DEGREE

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

REQUIRED COURSES:		Units
ASTRON 120	Introduction to Astronomy	3
	and	
ASTRON 125	Astronomy Laboratory	1
MATH 250	Single Variable Calculus I	4
MATH 251	Single Variable Calculus II	4
MATH 252	Multivariable Calculus	5
PHYSIC 200	Physics I	6
Total Units		23

Rationale: Content Review.
Effective: Fall 2018

MODIFY DEGREE

AUTOMATIC AND MANUAL TRANSMISSION ASSOCIATE OF SCIENCE DEGREE

This degree prepares students to gain entry-level employment in maintenance and repair of automotive and hybrid vehicle transmissions. Transmission technicians work with some of the most advanced technology in the auto service industry, including computer command control on electronic gear trains, couplings, hydraulic pumps and other transmission components. To graduate with a specialization in Automatic and Manual Transmissions, students must complete all requirements for the certificate with a grade of C or better plus the general breadth requirements for the Associate of Science Degree (minimum total = 60 units).

REQUIRED COURSES:

		Units
AUTO 064	Auto/Truck Electrical Systems	4
	or	
DIESEL 064	Auto/Truck Electrical Systems	4
	or	
AUTO 065	Electrical Systems Diagnosis and Repair	5
AUTO 075	Automatic Transmissions Rear Wheel Drive	4
AUTO 076	Automatic Transaxles Front Wheel Drive	4
AUTO 077	Manual Transmissions and Transaxles	4
AUTO 084	General Automotive Technology	4
AUTO 090	Engine Repair	6
Total Units		26 - 27

Rationale: Content Review.
Effective: Fall 2018

MODIFY DEGREE

BASIC AUTOMOTIVE COLLISION REPAIR AND REFINISHING ASSOCIATE OF SCIENCE DEGREE

This degree prepares students for entry-level work as an automotive collision repair technician, structural repair technician, or painter apprentice. Upon completion of this degree, students can work in areas, such as automotive dealerships, auto collision repair facilities, frame repair, or as a parts counter clerk.

To graduate with a specialization in Basic Automotive Collision Repair and Refinishing, students must complete all requirements for the certificate with a grade of C or better plus the general breadth requirements for the Associate of Science Degree (minimum total = 60 units).

REQUIRED COURSES:

		Units
AUTO 020	Non-Structural Body Repair	6
AUTO 022	Non-Structural Collision Repair	6
AUTO 024	Structural Analysis and Damage Repair	6
AUTO 026	Auto Collision Refinishing	6
Total Units		24

AUTO 020 may be waived through the Articulation 2+2 program with prior agreement with the auto collision and refinishing instructor.

Rationale: Content Review.
Effective: Fall 2018

MODIFY DEGREE

BUSINESS ADMINISTRATION ASSOCIATE OF ARTS DEGREE

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

REQUIRED COURSES:

		Units
ACCT 200	Financial Accounting	4
ACCT 201	Managerial Accounting	4
ECON 208	Business and Economic Statistics	4
	or	
MATH 108	Introduction to Probability and Statistics	4
BUSAD 100	Introduction to Business	3
BUSAD 103	Marketing Principles	3
BUSAD 211	The Legal Environment of Business	3
BUSAD 210	Business Law	3
	or	
CIT 101	Introduction to Computer Literacy	3
ECON 200	Principles of Macroeconomics	3
	or	
ECON 200H	Principles of Macroeconomics - Honors	3
ECON 201	Principles of Microeconomics	3
	or	
ECON 201H	Principles of Microeconomics - Honors	3
Total Units		30

Rationale: Content Review.

Effective: Fall 2018

MODIFY DEGREE

CHILD DEVELOPMENT ASSOCIATE OF ARTS DEGREE

To graduate with a specialization in Child Development, students must complete the following required courses plus the general breadth requirements for the Associate Degree (minimum 60 semester units). The degree contains the core eight courses needed for transfer and the necessary course work to be a qualified early childhood educator.

Students completing the degree will qualify for the unit and course requirements necessary to apply for the California State Child Development Teacher Permit.

Required courses:

		Units
CD 105	Child Growth and Development	3
	or	
CD 105H	Child Growth and Development-Honors	3
CD 111	Observation and Assessment in Child Development	3
CD 113	Principles and Practices of Teaching Young Children	3
CD 114	Introduction to Curriculum	3
CD 115	Health, Safety and Nutrition	3
CD 126	Child, Family, and the Community	3
CD 138	Teaching in a Diverse Society	3

Choose one (1) course from the following:

		Units
CD 068	Early Literacy for Young Children	3
CD 108	Early Childhood Development	3
CD 127	Guidance of Children	3
CD 130	Creative Music and Movement for Children	3
CD 133	Creative Science and Math Activities for Children	3
CD 134	Language, Listening and Literature for Children	3
CD 136	Creative Art Experiences for Children	3
CD 185	Infant/Toddler Growth and Development	3
CD 186	Infant and Toddler Curriculum	3
CD 244	Children with Special Needs	3
Required course for experience working with children:		Units
CD 205	Child Development Practicum / Field Experience	4
Total Units		28

Rationale: Content Review.
Effective: Fall 2018

MODIFY DEGREE**CHILD DEVELOPMENT - EARLY INTERVENTION AND INCLUSION ASSOCIATE OF ARTS DEGREE**

To graduate with a specialization in Child Development-Early Childhood Intervention and Inclusion, students must complete the following required courses plus the general breadth requirements for the Associate Degree (minimum 60 semester units). This degree prepares individuals to work as early childhood paraprofessionals with expertise in special education and early intervention. The Child Development courses meet the State's competencies for early childhood intervention/early childhood special education paraprofessionals.

		Units
Required Courses:		
CD 105	Child Growth and Development	3
	or	
CD 105H	Child Growth and Development-Honors	3
CD 111	Observation and Assessment in Child Development	3
CD 126	Child, Family, and the Community	3
CD 127	Guidance of Children	3
CD 185	Infant/Toddler Growth and Development	3
CD 186	Infant and Toddler Curriculum	3
CD 244	Children with Special Needs	3
CD 245	Early Intervention and Inclusion	3
Required Experience Working with Children:		Units
CD 205	Child Development Practicum / Field Experience	4
	or	
CD 210	Infant and Toddler Practicum	4
CD 215	Early Intervention and Inclusion Internship	4
Total Units		32

Rationale: Content Review.
Effective: Fall 2018

MODIFY DEGREE**COMMUNICATION ENGINEERING TECHNOLOGY ASSOCIATE OF SCIENCE DEGREE**

To graduate with a specialization in Communication Engineering Technology, students must complete all requirements for the certificate with a grade of C or better plus the general breadth requirements for the Associate Degree (minimum total = 60 units).

REQUIRED COURSES:

		Units
TECALC 087	Technical Calculations	4
ELECTR 110	Direct Current Circuit Analysis	3
ELECTR 111	Direct Current Circuit Laboratory	1
ELECTR 115	Alternating Current Circuit Analysis	3
ELECTR 116	Alternating Current Circuit Laboratory	1
ELECTR 155	Electronic Drawing and Assembly	3
ELECTR 230	Semiconductor Devices	3
ELECTR 235	Solid State Circuit Analysis	4
ELECTR 265	Digital Logic Design	4
ELECTR 266	Microprocessor Technology with Assembly Language	4
ELECTR 270	Linear Integrated Circuit Analysis	4
ELECTR 220C	FCC Rules and Regulations	3
ELECTR 250C	Radio Transmitters, Receivers and Antennas	4
ELECTR 255C	Telephone and Data Networking	4
Total Units		45

Rationale: Content Review.
Effective: Fall 2018

MODIFY DEGREE**COMPUTER ENGINEERING TECHNOLOGY ASSOCIATE OF SCIENCE DEGREE**

To graduate with a specialization in Computer Engineering Technology, students must complete all requirements for the certificate with a grade of C or better plus the general breadth requirements for the Associate Degree (minimum total = 60 units).

REQUIRED COURSES:

		Units
ELECTR 110	Direct Current Circuit Analysis	3
ELECTR 111	Direct Current Circuit Laboratory	1
ELECTR 115	Alternating Current Circuit Analysis	3
ELECTR 116	Alternating Current Circuit Laboratory	1
ELECTR 155	Electronic Drawing and Assembly	3
ELECTR 230	Semiconductor Devices	3
ELECTR 235	Solid State Circuit Analysis	4
ELECTR 265	Digital Logic Design	4
ELECTR 266	Microprocessor Technology with Assembly Language	4
ELECTR 270	Linear Integrated Circuit Analysis	4
ELECTR 280C	Computer Operation and Maintenance	4
TECALC 087	Technical Calculations	4
Total Units		38

Rationale: Content Review.
Effective: Fall 2018

MODIFY DEGREE

EARLY CHILDHOOD EDUCATION ASSOCIATE OF SCIENCE TRANSFER DEGREE (AS-T)

The Associate in Science in Early Childhood Education for Transfer is designed to provide the lower division major courses to transfer to a California State University and earn a Bachelor's degree in Child Development, Human Development or Early Childhood Education. This program focuses on the theories and developmentally appropriate inclusive practices for educating children from birth to age eight. Study in the major include coverage of child development and socialization, observation and assessment, curriculum development, culturally and linguistically appropriate teaching, as well as excellent health, safety, and nutrition practices in early care and education. This degree prepares students for teaching in early care and education settings as well as transfer.

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

To earn this AS-T degree, students must meet the following requirements:

- completion of the following major requirements with grades of C or better;
- completion of a minimum of 60 CSU transferable semester units with a grade point average of a least 2.0; and
- certified completion of the CSU General Education-Breadth (CSUGE) or Intersegmental General Education Transfer Curriculum (IGETC), which requires a minimum of 39 units.

It is highly recommend that students complete courses that satisfy the U.S. History, Constitution, and American Ideals requirement as part of CSUGE or IGETC before transferring to a CSU.

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

REQUIRED COURSES

		Units
CD 105	Child Growth and Development	3
	or	
CD 105H	Child Growth and Development-Honors	3
CD 111	Observation and Assessment in Child Development	3
CD 113	Principles and Practices of Teaching Young Children	3
CD 114	Introduction to Curriculum	3
CD 115	Health, Safety and Nutrition	3
CD 126	Child, Family, and the Community	3
CD 138	Teaching in a Diverse Society	3
CD 205	Child Development Practicum / Field Experience	4
Major Total		25
CSU GE-Breadth or IGETC for CSU requirements:		37-39
Total units that may be double-counted for CSUGE or IGETC:		6
CSU electives (as needed to reach 60 transferable units):		0-2

Total Units**60**

**Students may count CD 105, CD 105H, and CD 126 in Area D or E for CSU GE-Breadth. No more than 60 units are required for the AS-T in Early Childhood Education.*

Rationale: Content Review.
Effective: Fall 2018

MODIFY DEGREE**ELECTRIC POWER TECHNOLOGY ASSOCIATE OF SCIENCE DEGREE**

To graduate with a specialization in Electric Power Technology, students must complete all requirements for the certificate with a grade of C or better plus the general breadth requirements for the Associate Degree (minimum total = 60 units).

REQUIRED COURSES:

		Units
TECALC 087	Technical Calculations	4
ELECTR 110	Direct Current Circuit Analysis	3
ELECTR 111	Direct Current Circuit Laboratory	1
ELECTR 115	Alternating Current Circuit Analysis	3
ELECTR 116	Alternating Current Circuit Laboratory	1
ELECTR 155	Electronic Drawing and Assembly	3
ELECTR 230	Semiconductor Devices	3
ELECTR 235	Solid State Circuit Analysis	4
ELECTR 265	Digital Logic Design	4
ELECTR 266	Microprocessor Technology with Assembly Language	4
ELECTR 270	Linear Integrated Circuit Analysis	4
ELEC 216C	Introduction to Industrial Electricity	4
ELEC 217C	Industrial Electricity	4
ELEC 218C	Controlling Industrial Electricity	4

Total Units**46**

Rationale: Content Review.
Effective: Fall 2018

MODIFY DEGREE**ELECTRONICS TECHNOLOGY ASSOCIATE OF SCIENCE DEGREE**

To graduate with a specialization in Electronics Technology, students must complete all requirements for the certificate with a grade of C or better plus the general breadth requirements for the Associate Degree (minimum total = 60 units).

REQUIRED COURSES:

		Units
TECALC 087	Technical Calculations	4
ELECTR 110	Direct Current Circuit Analysis	3
ELECTR 111	Direct Current Circuit Laboratory	1
ELECTR 115	Alternating Current Circuit Analysis	3
ELECTR 116	Alternating Current Circuit Laboratory	1
ELECTR 155	Electronic Drawing and Assembly	3
ELECTR 230	Semiconductor Devices	3
ELECTR 235	Solid State Circuit Analysis	4
ELECTR 265	Digital Logic Design	4

ELECTR 266	Microprocessor Technology with Assembly Language	4
ELECTR 270	Linear Integrated Circuit Analysis	4
Total Units		34

Rationale: Content Review.
Effective: Fall 2018

MODIFY DEGREE

ENGINE PERFORMANCE ASSOCIATE OF SCIENCE DEGREE

This degree is designed to prepare students for entry-level work as an engine performance specialist, diagnostic technician, or a state certified Smog check and repair technician. Students will become familiar with computer systems, hybrid and electrical systems, basic engine diagnosis, emissions repair, and the Smog certification test.

To graduate with a specialization in Engine Performance, students must complete all requirements for the certificate with a grade of C or better plus the general breadth requirements for the Associate of Science Degree (minimum total = 60 units).

REQUIRED COURSES:		Units
AUTO 010	Introduction to Hybrid and Electric Vehicle Technology	4
AUTO 064	Auto/Truck Electrical Systems	4
	or	
DIESEL 064	Auto/Truck Electrical Systems	4
AUTO 067	Engine and Emission Control Fundamentals	4
AUTO 066	ASE Alternative A-6, A-8, L-1 Prep or Certificate	4
AUTO 068	Engine Performance - Ignition Systems	5
AUTO 069	Engine Performance - Fuel and Exhaust Systems	5
Total Units		26

Rationale: Content Review.
Effective: Fall 2018

MODIFY DEGREE

GRAPHIC DESIGN ASSOCIATE OF ARTS DEGREE

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
ART 100	Art History: The Stone Age to the Middle Ages	3
ART 102	Art History: Renaissance to Present	3
	or	
ART 105	History of Modern Art	3
	or	
ART 107	Art History: Africa, Oceania and the Americas	3
	or	
ART 108	Art of Mexico and Mesoamerica	3
ART 120	Two-Dimensional Design	3
ART 124A	Beginning Drawing	3
ART 145	Fundamentals of Graphic Design	3

ART 148	Beginning Computer Graphic Design	3
ART 161	Digital Photography	3
RECOMMENDED COURSES:		Units
ART 121	Three-Dimensional Design	3
ART 126A	Beginning Painting	3
ART 132A	Beginning Life Drawing	3
ART 149	Intermediate Computer Graphic Design	3
ART 180	Beginning 3D Computer Animation	3
ART 185	Beginning Website Design	3
BUSAD 100	Introduction to Business	3
Total Units		24

Rationale: Content Review.
Effective: Fall 2018

MODIFY DEGREE

HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION ASSOCIATE OF SCIENCE DEGREE

To graduate with a specialization in Heating, Ventilation, Air Conditioning and Refrigeration, students must complete all requirements for the certificate with a grade of C or better plus the general breadth requirements for the Associate of Science Degree (minimum total = 60 units).

REQUIRED COURSES:		Units
HVAC/R 001	HVAC/R Fundamentals	4
HVAC/R 002	Domestic Mechanical Refrigeration	4
HVAC/R 003	Commercial Mechanical Refrigeration	4
HVAC/R 004	Electrical Fundamentals for HVAC/R	4
HVAC/R 005	Commercial Electric for HVAC/R	4
HVAC/R 006	HVAC/R Air Distribution Systems	4
HVAC/R 007	Welding for HVAC/R	3
TECALC 087	Technical Calculations	4
or		
MATH 095	Intermediate Algebra	4
Environmental Protection Agency (EPA) Universal Certification (608)		0
RECOMMENDED COURSE:		
Students are encouraged to take this course to augment their knowledge of air conditioning and heating:		
AUTO 056	Automotive Heating and Air Conditioning	4
Total Units		31

Rationale: Content Review.
Effective: Fall 2018

MODIFY DEGREE

LIBRARY TECHNOLOGY ASSOCIATE OF ARTS DEGREE

To graduate with a specialization in Library Technology, students must complete 21 units from the following list of courses plus the general breadth requirements for the Associate Degree (minimum 60 units).

REQUIRED COURSES:	Units
LIB 062 Care and Repair of Library Materials	1
LIB 063 * Survey of Literature for Library Technicians	2
LIB 064 Introduction to Library Services	3
LIB 065 Public Services	3
LIB 066 Acquisitions	3
LIB 067 Cataloging and Classification	3
LIB 070 Library Technology and Media Services	4
LIB 110 Information Literacy and Research	2
Total Units	21

* or any other college-level literature course

Rationale: Content Review.
Effective: Fall 2018

MODIFY DEGREE

PHYSICS ASSOCIATE OF SCIENCE DEGREE MAJOR

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

REQUIRED COURSES:	Units
PHYSIC 200 Physics I	6
PHYSIC 201 Physics II	6
PHYSIC 210 Modern Physics	4
MATH 250 Single Variable Calculus I	4
MATH 251 Single Variable Calculus II	4
MATH 252 Multivariable Calculus	5
RECOMMENDED COURSES:	Units
CHEM 150 General Chemistry I	5
	or
CHEM 150H General Chemistry I - Honors	5
CHEM 151 General Chemistry II	5
	or
CHEM 151H General Chemistry II - Honors	5
Total Units	29

Rationale: Content Review.
Effective: Fall 2018

MODIFY DEGREE

PSYCHIATRIC TECHNOLOGY ASSOCIATE OF SCIENCE DEGREE

This degree program is designed to prepare students to become Psychiatric Technicians who provide quality care to assist patients in attaining their maximum level of wellness. Graduates are eligible to take the state licensing examination. The program is accredited by the California State Board of Vocational Nurses and Psychiatric Technicians, 2535 Capitol Oaks Drive, Suite 205, Sacramento, CA 95833.

Students are admitted in the Fall and Spring semesters. Students must complete program prerequisites, support courses, required courses, and apply and be accepted to the program. To enroll in the program, students must pass a Livescan background check and meet the health requirements. California law allows for denial of the PT license based on any conviction or legal action related to PT practice. For further information:

http://www.bvnpt.ca.gov/licensees/fingerprint_faq.shtml

PREREQUISITES FOR THE PSYCHIATRIC TECHNOLOGY PROGRAM:

- A. High school completion (official transcript or Diploma or G.E.D., AA Degree, BS Degree, or foreign graduate that has been evaluated by AERC (American Educational Research Corporation), or IERF (International Education Research Foundation), or World Education Services.
- B. Reading Proficiency: complete READ 015 with a grade of C or higher, or eligibility for READ 100 or higher as determined by assessment test, or previous college degree.
- C. Mathematics Proficiency: complete MATH 095 or higher with a grade of C or higher or eligibility for MATH 102 or higher as determined by SBVC assessment process, or previous college degree.
- D. Complete the following courses with a grade of C or higher:
 1. Anatomy and Physiology, BIOL 155
 2. Freshman Composition ENGL 101 or ENGL 101H
 3. General Psychology, PSYCH 100 or PSYCH 100H.
- E. Students have an option to enroll in PSYCH 110, PSYCH 111 or PSYCH 112 if PSYCH 100 or 100H was completed more than 5 years ago.
- F. BIOL 155 and PSYCH 100 must be completed within 5 years of starting the program. Foreign transcripts must be evaluated for equivalency by an approved agency. See program Director/Department Chair.

APPLICATION TO THE PSYCHIATRIC TECHNICIAN:

Applications to the Psychiatric Technician program may only be submitted when all program prerequisites have been completed. Applications must be received or postmarked by February 1 for entry in the Fall semester or by September 1 for entry in the Spring semester. Incomplete applications will not be accepted. Late applications will only be considered if space is available. Submit the following to the Health Science Division Office, HLS 101:

- A. Application form - available in the Health Science Division or on-line.
- B. Official college transcripts from all colleges or universities attended except for SBVC or Crafton Hills College. Transcripts must be issued within the last 6 months and document that the program prerequisites have been completed. If transcripts are from a foreign country, they must be evaluated for equivalency - see Admission Clerk.
- C. High School completion document.

ACCEPTANCE PROCEDURE:

Applications are evaluated according to program prerequisites. Applicants who meet all program prerequisites will be considered for acceptance depending on space availability. If there are more students with requirements met than spaces available, students will be randomly ranked and accepted or placed on the Wait List. Applicants will be notified in writing of their application status.

To graduate with a specialization in Psychiatric Technology, students must complete the following required courses plus the general breadth requirements for the Associate Degree and two humanities (not included for entry into the Psychiatric Technology Program). This will exceed the minimum total of 60 units. All Psychiatric Technology courses (PSYTCH 084, 085 AND 086) must be completed within a 5 year period.

REQUIRED COURSES:

	Units
PSYTCH 084 Introduction to Psychiatric Technology	17

PSYTCH 085	Psychiatric Technology: Nursing Science	12
PSYTCH 086	Introduction to Psychiatric Technology: Behavioral Science	17
Total Units		46

Rationale: Content Review.
Effective: Fall 2018

MODIFY DEGREE

WHEEL ALIGNMENT AND BRAKES ASSOCIATE OF SCIENCE DEGREE MAJOR

The degree prepares students for entry-level work in front wheel and four wheel alignment and brake repair. The technician can move into advanced automotive opportunities such as service advising and manufacturer corporate positions. To graduate with a specialization in Wheel Alignment and Brakes, students must complete all requirements for the certificate with a grade of C or better plus the general breadth requirements for the Associate of Science Degree (minimum total = 60 units).

REQUIRED COURSES:		Units
AUTO 050	Automotive Brakes	4
AUTO 051	Advanced Automotive Brakes	4
AUTO 052	Automotive Suspension and Steering	4
AUTO 053	Advanced Automotive Suspension and Steering	4
AUTO 064	Auto/Truck Electrical Systems	4
or		
DIESEL 064	Auto/Truck Electrical Systems	4
AUTO 084	General Automotive Technology	4
Total Units		24

Rationale: Content Review.
Effective: Fall 2018

CORRECTION

COURSE ID	COURSE TITLE
CIT 026	COMPUTER GRAPHICS

Units: 3
Lecture: 3 contact hour(s) per week
 48 - 54 contact hours per semester
Departmental Advisory: CIT 101
Catalog Description: This course is an introduction to graphic design using graphic software to create professional-looking documents.
Schedule Description: This course is an introduction to graphic design using graphic software to create professional-looking documents.
Rationale: Course modification missed being approved at the January 2015 board meeting.
Equate: Course not offered at CHC.
Effective: Fall 2015

**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.*