

SAN BERNARDINO COMMUNITY COLLEGE DISTRICT

TO: Board of Trustees
FROM: Diana Z. Rodriguez, Chancellor
REVIEWED BY: Dr. Scott Thayer, Interim President, SBVC
PREPARED BY: Dr. Dina Humble, Vice President, Instruction, SBVC
DATE: December 9, 2021
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 2022-2023 and 2023-2024 College Catalogs.

INSTITUTIONAL VALUES

II. Learning Centered Institution for Student Access, Retention, and Success.

FINANCIAL IMPLICATIONS

None.

SAN BERNARDINO VALLEY COLLEGE
SUBMITTED FOR BOARD OF TRUSTEE APPROVAL
December 9, 2021

CONTENT REVIEW

No Changes to the College Catalog

ACCT 010	ART 185	CIT 021	CIT 089	CIT 110
CIT 114	CIT 118	CIT 128	CIT 160	CS 076
CS 130	CS 170	CS 265	FN 064	HMDT 021
HMDT 022	HMDT 023	HMDT 024	HMDT 026	HMDT 028
HMDT 034	HMDT 035	HMDT 098	HMDT 621	HMDT 622
HMDT 623	HMDT 624	HMDT 626	HMDT 628	HMDT 634
HMDT 635	HMDT 664	MATH 251	POLICE 002	PSYTCH 086
REALST 063	REALST 068			

Rationale: Content Review
Effective: Fall 2023

NEW COURSE

Addition to the 2023-2024 College Catalog

Course ID: **ART 144**
Course Title: Typography and Visual Communication
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
Outside of Class Hours: 4 hour(s) per week
Departmental Advisory: ART 148
Course Description: This course is an introduction to the study of letter forms and fundamental typographic principles and vocabulary with an emphasis on the application to visual communication artifacts. Students investigate typographical structure, format, legibility, and meaning-making through traditional and digital projects, and explore the evolution and classification of letter forms from an historical perspective, including the importance of emerging technology in their development.
TOP Code: 1030.00
Equate: Course not offered at CHC.
Rationale: Typography is a foundation course for the graphic design curriculum. This course provides students the fundamental skill to design effectively with typography. Students can also apply skills learned in this class in other areas including motion graphics, interaction design and web design.
Effective: Fall 2023

NEW COURSE

Addition to the 2023-2024 College Catalog

Course ID:	HOSP 140
Course Title:	Introduction to Hotel Management
Units:	3
Lecture:	3 contact hour(s) per week 48 - 54 contact hours per semester
Outside of Class Hours:	6 hour(s) per week
Course Description:	This course introduces the operating systems and components of a hotel/resort facility, which includes front office, housekeeping, food and beverage, sales, and marketing, accounting, property maintenance, human/resource management and information systems.
TOP Code:	1307.00
Equate:	Course not offered at CHC.
Rationale:	Course will be added to the Hospitality programs.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
ACCT 030	FEDERAL AND STATE INDIVIDUAL INCOME TAXATION

Course Description:	This course is an introduction to the basic concepts of federal and state individual income taxation amongst a diverse population. Topics include history and objectives of the income taxes system, analysis of current income taxes issues, and the tax treatment of various types of income, deductions, and credits. Tax planning strategies are discussed. Actual tax forms are studied. Comprehensive individual tax returns are prepared.
Equate:	ACCT 032 at CHC
Rationale:	Updating course description, SLOs, objectives, content, assignments, and textbooks.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
ACCT 047	COMPUTERIZED ACCOUNTING

Course Description:	This course provides a comprehensive overview of accounting software. Topics covered include the analysis of source documents and the use of accounting software to prepare, understand, and interpret financial statements for a variety of management purposes. It also includes creation and use of spreadsheets to find the solutions to accounting problems within diverse companies.
Equate:	Course not offered at CHC.
Rationale:	Updating course description, SLOs, content, assignments, and textbooks.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
ACCT 090	PAYROLL ACCOUNTING

Course Description:	This course is designed to introduce various types of diverse employee compensations and the current federal and state payroll taxes system. Withholding requirements from employees' compensations as well as payroll taxes reporting are studied. Various types of payroll taxes forms are discussed and prepared. This course will focus on the records and control requirements of payroll accounting.
Equate:	Course not offered at CHC.
Rationale:	Updating course description, SLOs, content, and textbooks.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
ACCT 200	FINANCIAL ACCOUNTING

Course Description:	This introductory financial accounting course is designed for students interested in business and/or accounting fields. This course is an introduction to the basic concepts and standards underlying financial accounting systems. Students learn to record accounting data and to prepare financial statements. Several important concepts will be studied in detail, including business ethics, the accounting cycle, revenue/expenses recognition, inventory, long-lived assets, liabilities, and equities.
Equate:	ACCT 208 at CHC.
Rationale:	Updating course description, objectives content, and textbooks.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
ACCT 201	MANAGERIAL ACCOUNTING

Course Description:	This course studies the use of accounting information in decision-making, planning, directing operations and controlling within the diverse business field. It focuses on cost terms and concepts, cost behavior, cost structure and cost-volume-profit analysis. Issues relating to ethics, cost systems, cost control, profit planning, and performance analysis in manufacturing and service environments are also examined.
Equate:	ACCT 209 at CHC.
Rationale:	Updating course description, SLOs, objectives, content, assignments, and textbooks.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
ART 105	HISTORY OF MODERN ART

Departmental Advisory: ENGL 101 or ENGL 101H
Equate: ART 105 at CHC.
Rationale: Updating advisory, outcomes, content, textbooks, and assignments.
Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
ART 145	FUNDAMENTALS OF GRAPHIC DESIGN

Course Title: Introduction to Digital Applications for Graphic Design
Course Description: This course focuses on the fundamental use of computer technology and design software in the production of visual communication and image-based solutions. Students learn to design, analyze, discuss, and present work in a professional digital environment.
Equate: Course not offered at CHC.
Rationale: Updating title, description, outcomes, content, assignments, and adding DE.
Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
ART 148	BEGINNING COMPUTER GRAPHIC DESIGN

Course Title: Fundamental Graphic Design Principles and Digital Practices
Course Description: This course is an introduction to the fundamental concepts, principal practices and theories applied to the creation of compositional space. Student will explore the integration of design elements and principles, color theory, composition, typography, visual communication, and visual logic, as it relates to design disciplines and professional practices.
Equate: Course not offered at CHC.
Rationale: Updating title, description, outcomes, content, assignments, and adding DE.
Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
ART 149	INTERMEDIATE COMPUTER GRAPHIC DESIGN

Course Title:	Design Thinking in Visual Communication
Catalog Description:	This course applies design and production techniques in the development of ideas and user-centered concept visualizations with an emphasis on utilizing more advanced software. Students will explore complex problems utilizing the Design Thinking methodology, including empathy, define, point of view, ideate, rapid prototype, and test, in the creation of 2D and 3D artifacts
Equate:	Course not offered at CHC.
Rationale:	Updating title, description, outcomes, content, assignments, and adding DE.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
ART 161	DIGITAL PHOTOGRAPHY

Departmental Advisory:	ENGL 101 or ENGL 101H
Equate:	Course not offered at CHC.
Rationale:	Updating advisory, outcomes, objectives, and content.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
ART 186	INTERACTIVE WEB DESIGN

Course Description:	This course focuses on designing and creating websites and mobile apps for multiple screen devices while highlighting the user experience. Emphasis is on design concepts, user-interaction, understanding of structure, memory management, web media impact and social media marketing.
Equate:	Course not offered at CHC.
Rationale:	Updating description, outcomes, content, assignments, and adding DE.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
ART 180	BEGINNING 3D COMPUTER ANIMATION

Course ID:	ART 280
Course Title:	Beginning 3D Digital Animation and Visualization
Departmental Advisory:	ART 145 and ART 148 and ART 149
Course Description:	This course focuses on beginning techniques in storytelling in the 3D environment. Students apply research, planning, scripting and storyboarding techniques, 3D design, rendering, key frame animation, and lighting utilizing industry-standard applications (software). (Formerly ART 180)
Equate:	Course not offered at CHC.
Rationale:	Updating course ID, title, advisories, description, outcomes, objectives, content, assignments, and adding DE.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
BUSAD 039	STRATEGIES FOR SUCCESSFUL EMPLOYMENT

Course Description:	This course is designed to help students develop the skills needed to successfully seek employment by using strategies to identify skills and search for a job, interview for a job, and acquire a job, while preparing to become a member of a diverse workforce.
Equate:	BUSAD 039 at CHC.
Rationale:	Updating course description, SLOs, content, assignments, and textbooks.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
BUSAD 050	BUSINESS MATH

Departmental Advisory:	None.
Equate:	BUSAD 053 at CHC.
Rationale:	Removing MATH 962 advisory and updating outcomes, content, assignments, and textbooks.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
BUSAD 100	INTRODUCTION TO BUSINESS

Departmental Advisory: ENGL 101 or ENGL 101H
Course Description: This course introduces the trends and opportunities in today's dynamic business environment as they relate to economics, global markets, ethics and social responsibility, business ownership forms, entrepreneurship, management responsibility, human resources management, marketing, operations, accounting, and financial management. Students gain important business context and discover business career and educational opportunities.
Equate: BUSAD 100 at CHC.
Rationale: Updating advisory, description, outcomes, content, assignments, and textbooks.
Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
BUSAD 103	MARKETING PRINCIPLES

Departmental Advisory: ENGL 101 or ENGL 101H
Course Description: This course studies the strategic marketing process, which creates value for consumers and organizations through integrated production and distribution of products. It examines the marketing process in the context of the global, cultural, economic, legal/regulatory environment. It also examines ethical and socially-responsible marketing and the impact of information technology.
Equate: MARKET 100 at CHC.
Rationale: Updating advisory, description, outcomes, content, assignments, and textbooks.
Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
BUSAD 105	SMALL BUSINESS MANAGEMENT/ENTREPRENEURSHIP

Departmental Advisory: ENGL 101 or ENGL 101H
Course Description: This is a course on how to start and operate a small business. Topics include facts about small business, essential management skills, how to prepare a business plan, financial needs, marketing strategies, and legal issues. This is a comprehensive examination of establishing and operating a small business in today's dynamic business environment.
Equate: Course not offered at CHC.
Rationale: Updating advisory, description, outcomes, content, assignments, and textbooks.
Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
BUSAD 106	PRINCIPLES OF SELLING

Departmental Advisory: ENGL 101 or ENGL 101H
Equate: Course not offered at CHC.
Rationale: Updating advisory, outcomes, content, assignments, and textbooks.
Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
BUSAD 108	PERSONAL FINANCE, INVESTMENTS AND ESTATE PLANNING

Course Description: This course is an integrated approach to personal finance focusing on practical financial decision making as well as the social, psychological, and physiological contexts in which those decisions are made. The student will examine the preparation for managing one's personal finances and the opportunities and costs with making financial decisions.

Equate: Course not offered at CHC.
Rationale: Updating description, outcomes, assignments, and textbooks.
Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
BUSAD 110	HUMAN RESOURCE MANAGEMENT

Departmental Advisory: ENGL 101 or ENGL 101H
Course Description: This course is a survey of the objectives, functions, and practices in the management of employee relations, and the impact of employee relations on the effective achievement of the organization's goals. Students will also analyze the steps needed to develop practices in creating a diverse and inclusive work environment.

Equate: BUSAD 103 at CHC.
Rationale: Updating advisory, description, outcomes, content, assignments, and textbooks.
Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
BUSAD 112	PRINCIPLES OF RETAILING

Departmental Advisory: ENGL 101 or ENGL 101H
Course Description: This course will cover the role of retailing in serving and connecting the needs of diverse communities. The topics will include analysis of consumer needs, store locations, financial requirements, and legal processes of starting a retail operation, planning for store layout, merchandise mix, vendor negotiation, pricing, displaying, advertising, selling and controlling of merchandise.
Equate: MARKET 106 at CHC.
Rationale: Updating advisory, description, outcomes, content, assignments, and textbooks.
Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
BUSAD 120	BUSINESS MANAGEMENT/LEADERSHIP

Departmental Advisory: ENGL 101 or ENGL 101H
Course Description: This course is designed for business majors and examines the primary dimensions of the management process including planning, organizing, decision-making and controlling organizational activity within a diverse work force.
Equate: BUSAD 200 at CHC.
Rationale: Updating advisory, description, outcomes, content, assignments, and textbooks.
Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
BUSAD 127	BUSINESS COMMUNICATION

Course Description: This course is a study of the principles and role of business communication and the need for communication skills in interacting with diverse populations in a global marketplace. Emphasis is placed on written communications, including business letters, proposals, resumes and other business documents.
Equate: Course not offered at CHC.
Rationale: Updating description, outcomes, assignments, and textbooks.
Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
BUSAD 151	HUMAN RELATIONS

Departmental Advisory: ENGL 101 or ENGL 101H
Course Description: This course covers the business concepts of individual, group, and organizational human behavior as they affect human relations, performance, and productivity within the workplace. Strategies and techniques that influence communications, employee leadership and interactions among people - including cultural diversity and its impact - are explored.
Equate: BUSAD 155 at CHC.
Rationale: Updating description, outcomes, content, assignments, and textbooks.
Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
BUSAD 210	BUSINESS LAW

Departmental Advisory: ENGL 101 or ENGL 101H
Course Description: This course explores the legal environment in which business operates. It includes an introduction to law and legal reasoning, ethics, torts, strict and products liability, criminal law, and contracts.
Equate: BUSAD 210 at CHC.
Rationale: Updating advisory, description, outcomes, objectives, content, assignments, and textbooks.
Effective: Fall 2023

COURSE ID	COURSE TITLE
CIT 026	COMPUTER GRAPHICS

Course ID: CIT 619
Hours: 48 – 54
Course Description: This noncredit course is an introduction to graphic design using graphic software to create professional-looking documents. (Formerly CIT 026)
Equate: Course not offered at CHC.
Rationale: Updating course to noncredit, removing advisories, and updating description.
Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
CIT 116	DATABASE MANAGEMENT: ACCESS

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
Outside of Class Hours:	4 hour(s) per week
Course Description:	This is a comprehensive course in the development and maintenance of a database. It provides a working knowledge of designing a database that includes setting field properties, storing, retrieving, printing, and indexing records, creating informational and technical queries, developing customized forms and reports, establishing different types of relationships, and integrating Access with the Web. The course emphasis is on developing a practical ability to use a database in a Windows environment with full graphical user interface functionality.
Equate:	Course not offered at CHC.
Rationale:	Updating to add laboratory hours, updating description, SLOs, content, and textbooks.
Effective:	Fall 2023

COURSE ID	COURSE TITLE
CIT 120	INTERNET

Course ID:	CIT 620
Hours:	64 – 72
Course Description:	This noncredit course provides the basics of the Internet using current technology browser software. The course includes the effective use of web search portals, online collaboration software, and implications of security, privacy, and ethical usage. (Formerly CIT 120)
Equate:	Course not offered at CHC.
Rationale:	Updating course to noncredit, removing advisories, and updating description.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
CIT 127	INTRODUCTION TO COMPUTER FORENSICS

Prerequisite:	CIT 101
Equate:	Course not offered at CHC.
Rationale:	Updating prerequisite, outcomes, assignments, and textbooks.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
CIT 140	INTRODUCTION TO SYSTEMS ANALYSIS AND DESIGN

Prerequisite: CIT 101
Equate: Course not offered at CHC.
Rationale: Removing prerequisites; updating outcomes, assignments, and textbooks.
Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
CIT 144	MEDICAL TERMINOLOGY

Prerequisite: None
Equate: HIT 101 at CHC.
Rationale: Removing prerequisite; updating outcomes, assignments, and textbooks.
Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
CS 075	INTRODUCTION TO WEB DEVELOPMENT

Course Description: This course focuses on web development and addresses the essentials for skilled web developers who can create digital media, web, and mobile applications for modern desktop and portable devices. Students in this program are offered an in-depth, project-driven curriculum that provides a comprehensive study of HTML, CSS, JavaScript, Web Animation, Multimedia Creation. Students will learn to develop visually aesthetic, user friendly, and interactive web-based applications. Students will also gain valuable experience using front end and backend development tools like Adobe Dreamweaver, Adobe Animate, and Visual Studio. Students will also be exposed to the programming languages that cross over from web development to mobile device development. The synergy between the many web and mobile technologies will help each student build a foundation suitable for professional content.

Equate: Course not offered at CHC.
Rationale: Updating description and outcomes.
Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
CS 110	FUNDAMENTALS OF COMPUTER SCIENCE

Prerequisite: ENGL 101 or ENGL 101H and MATH 102
Corequisite: MATH 102
Equate: Course not offered at CHC.
Rationale: Updating prerequisite, outcomes, and objectives.
Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
CS 190	PROGRAMMING IN C++

Course Description: This course is an examination of intermediate object-oriented programming concepts and their application using the C++ language. Topics include programming control mechanisms; algorithm development; analysis of iterative and recursive solution complexity for various algorithms; templates and data structures; exception handling; object-oriented design and modeling; object-oriented programming in software engineering; pointers architecture.

Equate: Course not offered at CHC.
Rationale: Updating description, outcomes, objectives, content, and textbooks.
Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
CULART 205	PRINCIPLES OF DESIGN AND PRESENTATION

Lecture: None
Laboratory: 9 contact hour(s) per week
144 - 162 contact hours per semester
Equate: Course not offered at CHC.
Rationale: Removing lecture and adding lab hours; updating outcomes and assignments.
Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
CULART 250	FOOD, WINE AND BEVERAGE SERVICE

Course Title:	Wine, Beverage, and Food Pairings
Course Description:	This course explores customer psychology and trends in the bar and beverage industry. This course will also cover beer, spirits, serving styles, wine and beverage service, and food and wine pairing. A thorough study of major grape varietals, and world-wide appellations and growing climates.
Equate:	Course not offered at CHC.
Rationale:	Updating title, description, outcomes, content, assignments, textbooks, and adding DE.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2022-2023 College Catalog

COURSE ID	COURSE TITLE
ELEC 091	FUNDAMENTALS OF SOLAR ENERGY

Prerequisite:	None
Equate:	Course not offered at CHC.
Rationale:	Removing prerequisite, updating SLOs, and adding DE.
Effective:	Fall 2022

COURSE MODIFICATION

Changes to the 2022-2023 College Catalog

COURSE ID	COURSE TITLE
ENGL 911	BASIC GRAMMAR AND USAGE REVIEW

Course ID:	ENGL 611
Course Description:	This noncredit course covers a review of basic English grammar and common errors in grammar and usage. (Formerly ENGL 911)
Equate:	Course not offered at CHC.
Rationale:	Updating course to noncredit, updating course description, SLOs, and adding DE.
Effective:	Fall 2022

COURSE MODIFICATION

Changes to the 2022-2023 College Catalog

COURSE ID	COURSE TITLE
ESL 907	BASIC CONVERSATIONAL ENGLISH

Course ID:	ESL 607
Hours:	48-54
Course Description:	This noncredit course is designed to increase the skills of English language learners in basic conversation, listening and pronunciation of the English language. This course is taught through total English immersion while acknowledging students' cultural experiences. (Formerly ESL 907)
Equate:	Course not offered at CHC.
Rationale:	Updating course from credit to noncredit.
Effective:	Fall 2022

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
FN 060	MODIFIED DIETS

Units:	4
Lecture:	4 contact hour(s) per week 64 - 72 contact hours per semester
Outside of Class Hours:	8 hour(s) per week
Course Description:	This course concentrates on the principles of therapeutic nutrition in order to provide modified diets for individuals with a variety of health conditions. The focus is on the rationale for dietary adequacy and how modifications improve a person's well-being.
Equate:	Course not offered at CHC.
Rationale:	Updating units, description, outcomes, objectives, content, assignments, and textbooks.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
FN 066	NUTRITION CARE

Units:	3
Lecture:	3 contact hour(s) per week 48 - 54 contact hours per semester
Outside of Class Hours:	6 hour(s) per week
Equate:	Course not offered at CHC.
Rationale:	Updating units, outcomes, objectives, content, assignments, and textbooks.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
FN 162	INTRODUCTION TO FOOD AND NUTRITION

Course Description: This course introduces the scientific concepts of nutrition related to the function of nutrients in the basic life processes. Emphasis is on individual nutrition needs for health promotion and disease prevention, food sources of nutrients, current nutritional issues and diet analysis.

Equate: Course not offered at CHC.

Rationale: Updating course description, SLOs, objectives, content, and adding DE.

Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2022-2023 College Catalog

COURSE ID	COURSE TITLE
HMDT 042	ZERO EMISSION HEAVY DUTY TRUCK

Course Description: The Zero Emission Heavy-Duty Truck course is to provide students with training in servicing and maintaining battery-electric and hydrogen-fueled vehicles.

Equate: Course not offered at CHC.

Rationale: Updating description, SLOs, objectives, and content.

Effective: Fall 2022

COURSE MODIFICATION

Changes to the 2022-2023 College Catalog

COURSE ID	COURSE TITLE
HMDT 064	AUTO/TRUCK ELECTRICAL SYSTEMS

Course Description: This course covers basic electrical theory, use of meters, test equipment, wiring diagrams, diagnosis and repair/replacement of major electrical components of automobiles and trucks. Emphasis is placed on diagnosis of starting systems, charging systems, and electrical circuits such as lights and batteries. This course is also offered as AUTO 064.

Equate: Course not offered at CHC.

Rationale: Updating description, SLOs, and content.

Effective: Fall 2022

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
MATH 151	PRECALCULUS

Course Description:	This course is designed for students preparing to take Calculus. It deepens students' understanding of algebra and trigonometry by building on topics from College Algebra and Plane Trigonometry, both of which are foundational for Calculus students. Topics include polynomials, rational, exponential, logarithmic, and trigonometric functions and their graphs, systems of linear and nonlinear equations and inequalities, partial fraction decomposition, parametric and polar equations, and an introduction to limits.
Equate:	MATH 160 at CHC.
Rationale:	Updating description, outcomes, objectives, content, assignments, and textbooks.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
MATH 265	LINEAR ALGEBRA

Course Description:	This course develops the techniques and theory needed to solve and classify systems of linear equations. Techniques that are covered include row operations, Gaussian elimination, and the algebra of matrices. The course explores the properties of vectors in n dimensions, which leads to the notion of an abstract vector space. The theory of vector spaces and matrices are introduced, and the topics include inner products, norms, orthogonality, eigenvalues, eigenspaces, and linear transformations. Applications of linear algebra are included.
Equate:	MATH 265 at CHC.
Rationale:	Updating description, outcomes, assignments, and textbooks.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2022-2023 College Catalog

COURSE ID	COURSE TITLE
PHT 060	PHARMACY TECHNOLOGY

Prerequisite:	None
Equate:	Course not offered at CHC.
Rationale:	Removing prerequisite, and updating SLOs and course content.
Effective:	Fall 2022

COURSE MODIFICATION

Changes to the 2022-2023 College Catalog

COURSE ID	COURSE TITLE
PHT 062	PHARMACOLOGY I

Prerequisite: BIOL 100 or BIOL 155 or BIOL 250 or BIOL 260 or CHEM 101
Equate: Course not offered at CHC.
Rationale: Updating prerequisites and updating course content.
Effective: Fall 2022

COURSE MODIFICATION

Changes to the 2022-2023 College Catalog

COURSE ID	COURSE TITLE
POLICE 100	CRIMINAL LAW

Departmental Advisory: ENGL 101 or ENGL 101H
Equate: Course not offered at CHC.
Rationale: Updating advisories, outcomes, and textbooks.
Effective: Fall 2022

COURSE ID	COURSE TITLE
POLICE 101	PROCEDURE AND EVIDENCE

Departmental Advisory: ENGL 101 or ENGL 101H
Equate: Course not offered at CHC.
Rationale: Updating advisories, outcomes, and textbooks.
Effective: Fall 2022

COURSE ID	COURSE TITLE
POLICE 102	COMMUNITY POLICING

Departmental Advisory: ENGL 101 or ENGL 101H
Equate: Course not offered at CHC.
Rationale: Updating advisories, outcomes, and textbooks.
Effective: Fall 2022

COURSE ID	COURSE TITLE
POLICE 103	INTRODUCTION TO CRIMINAL INVESTIGATION

Departmental Advisory: ENGL 101 or ENGL 101H
Equate: Course not offered at CHC.
Rationale: Updating advisories, outcomes, and textbooks.
Effective: Fall 2022

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
REALST 062	REAL ESTATE PRACTICE

Course Description: This course covers the practical techniques of operating a real estate business. Emphasis on daily activities of brokers and salesperson; introduction to appraising, exchanges, listings, advertising, financing, and marketing. Exchanges, specialized brokerage, property management, professional and public relations.

Equate: Course not offered at CHC.

Rationale: Updating description, outcomes, content, assignments, and textbooks.

Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
REALST 070	REAL ESTATE FINANCE

Course Description: This course surveys the concepts, methods, and techniques of financing residential and non-residential real estate while also identifying and analyzing the various instruments used for such purposes. Instruction covers sources, characteristics, and parameters of mortgage capital; fixed, variable rate, and other alternative types of mortgages; government-assisted financing (such as VA, FHA, and SBA); the secondary mortgage market; mathematical analysis of finance transactions (amortization, loan constants, present and future value, compound interest, APR, capitalization rates, debt coverage, and other financial ratios and ways of determining yield); loan underwriting, processing, closing, and servicing; foreclosures and alternatives thereto (such as short sales) and related anti-deficiency law issues; guaranties; and leasehold financing; impact of how title is held and real estate tax effects; comparison of investment choices, both before and after taxes are factored in; plus syndication and other equity sharing issues. Successful completion of this course meets elective qualification for salesperson or broker licensing approval.

Equate: Course not offered at CHC.

Rationale: Updating outcomes, content, assignments, and textbooks.

Effective: Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
REALST 074	LEGAL ASPECTS OF REAL ESTATE

Course Description:	This course is an overview of California real property law and its influence on various aspects of the real estate industry. The course examines the legal issues surrounding real estate ownership and transfer, contracts, rights and duties of ownership, conveyance issues, mortgages and deeds of trust, easements, government control and powers, escrow and title insurance, zoning, landlord and tenant problems, real estate brokerage and agency relationships, and agency ethics. This course applies toward education requirement of California Broker's Examination.
Equate:	Course not offered at CHC.
Rationale:	Updating description, outcomes, content, assignments, and textbooks.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
REALST 076	PROPERTY MANAGEMENT

Course Description:	This course provides an overview of property management fundamentals for the real estate professional, individual owner, or real estate student. Property types covered include office, retail, industrial, condominium, and apartment buildings. Responsibilities of the property manager/owner will be studied, including tenant relations, landlord/tenant law, leasing/renting, human resources, office administration, insurance, financial statements/budgets, building maintenance, vendor services, and property management as a career. This course applies towards the educational requirements for the California State Broker's Examination.
Equate:	Course not offered at CHC.
Rationale:	Updating description, outcomes, content, assignments, and textbooks.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
REALST 078	REAL ESTATE ECONOMICS

Course Description:	This course provides students with a basic understanding of economic factors that affect residential, commercial, industrial, rural, and special purpose real estate. The focus is on financing and government policy; urban development and renewal; regulation of land use; business and real estate cycles and mortgage markets and their impact on real estate and investment opportunities. This course satisfies the California Department of Real Estate (DRE) requirement that students pass a college-level "Real Estate Economics" course prior to taking the Real Estate Broker License Exam. It can also count as the optional course that students must pass prior to taking the California Real Estate Salesperson License Exam.
Equate:	Course not offered at CHC.
Rationale:	Updating description, outcomes, content, and textbooks.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
REALST 080	ESCROW PROCEDURES

Course Description:	This course provides students with a real-life application of the steps in a real estate sale including completing and reviewing the California Association of Realtors (C.A.R.) Joint Purchase Agreement and Escrow Instructions, reviewing the Preliminary Report and solving title problems, learning lenders' closing requirements and the recording process, and balancing and figuring the settlement of the closing funds. Applies toward the State's elective educational requirements for the Real Estate Salesperson license and toward the requirements for the broker's examination.
Equate:	Course not offered at CHC.
Rationale:	Updating description, outcomes, content, assignments, and textbooks.
Effective:	Fall 2023

COURSE MODIFICATION

Changes to the 2023-2024 College Catalog

COURSE ID	COURSE TITLE
REALST 100	REAL ESTATE PRINCIPLES

Departmental Advisory:	ENGL 101 or ENGL 101H
Equate:	Course not offered at CHC.
Rationale:	Updating advisory, outcomes, content, assignments, and textbooks.
Effective:	Fall 2023

COURSE DELETION

BUSAD 211 ¹	CULART 201 ¹	ENGL 055	ENGL 077	ENGL 080
ENGL 081	ENGL 155	ENGL 275	ENGL 280	ENGL 281
HMDT 638	OSHA 010	OSHA 015		

Rationale: Courses are no longer offered.

Effective: Fall 2022 or Fall 2023¹

COURSE CORRECTION

COURSE ID	COURSE TITLE
ETHS 100	INTRODUCTION TO ETHNIC STUDIES

Rationale: Updating effective date to Summer 2022

Previous Board Approval: May 13, 2021

Effective: Summer 2022

COURSE CORRECTION

COURSE ID	COURSE TITLE
HIST 141	EXPERIENCES OF ASIAN AMERICANS IN U.S. HISTORY

Course ID: HIST 142

Rationale: Updating Course ID to HIST 142.

Previous Board Approval: May 13, 2021

Effective: Fall 2022

COURSE CORRECTION

COURSE ID	COURSE TITLE
ENGL 015	PREPARATION FOR COLLEGE WRITING

COURSE ID	COURSE TITLE
ENGL 032	CREATIVE WRITING

Rationale: Updating to Not Degree Applicable.

Previous Board Approval: May 14, 2020

Effective: Fall 2022

DISTANCE EDUCATION

ACCT 010	ACCT 030	ACCT 047	ACCT 090	ACCT 200
ACCT 201	ART 105	ART 144	ART 145	ART 148
ART 149	ART 161	ART 185	ART 186	ART 280
BUSAD 039	BUSAD 050	BUSAD 100	BUSAD 103	BUSAD 105
BUSAD 106	BUSAD 108	BUSAD 110	BUSAD 112	BUSAD 120
BUSAD 127	BUSAD 151	BUSAD 210	CHEM 105	CHEM 150
CHEM 151	CHEM 205	CHEM 212	CHEM 213	CIT 021
CIT 089	CIT 110	CIT 114	CIT 116	CIT 118
CIT 127	CIT 128	CIT 140	CIT 144	CIT 160
CIT 619	CIT 620	CS 075	CS 076	CS 110
CS 130	CS 170	CS 190	CS 265	CULART 250
ELEC 091	ENGL 611	ESL 607	FN 060	FN 064
FN 066	FN 162	HMDT 021	HMDT 022	HMDT 023
HMDT 024	HMDT 026	HMDT 028	HMDT 034	HMDT 035
HMDT 042	HMDT 064	HMDT 098	HMDT 621	HMDT 622
HMDT 623	HMDT 624	HMDT 626	HMDT 628	HMDT 634
HMDT 635	HMDT 664	HOSP 140	HVAC/R 001	HVAC/R 002
HVAC/R 003	HVAC/R 004	HVAC/R 005	HVAC/R 006	HVAC/R 007
MATH 251	MATH 265	PHT 060	PHT 062	PSYTCH 086
REALST 062	REALST 063	REALST 068	REALST 070	REALST 074
REALST 076	REALST 078	REALST 080	REALST 100	SDEV 103H

Rationale: **Distance Education Delivery**

One of the planning themes and goals of San Bernardino Valley College (SBVC) is student access. The faculty and curriculum committee have worked tirelessly these last few months to examine course delivery and make curricular adjustments to meet the necessary demand for distance education. To meet the student demand and keep courses available during this pandemic, faculty have submitted these distance education addendums for approval to be able to maintain our continuous quality instruction during this time. Some addendums noted above with an asterisk are approved in the event of an emergency only, like a pandemic. Other courses without an asterisk are approved to be offered in the online format any time. 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 2022 or Fall 2023

CERTIFICATE MODIFICATION

ACCOUNTING CERTIFICATE

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
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:

	Units
ACCT 030 Federal and State Individual Income 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	27
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This is a Gainful Employment Program

Rationale:	Updating description, outcomes, and removing BUSAD 211.
Effective:	Fall 2023

CERTIFICATE MODIFICATION

BAKING CERTIFICATE

The baking certificate will give students the fundamental knowledge and skills to prepare to become a baker or pastry cook. Students will create hearth and specialty breads, desserts, pastry, patisserie, and confections. Skills developed will be in menu planning, plating, communication, entrepreneurial and management skills, food safety, and cost control.

REQUIRED COURSES:		Units
CULART 040	Introduction to Baking	6
CULART 041	Desserts and Pastries	6
CULART 042	Cake Decorating	6
CULART 043	Advanced Desserts and Pastry/Chocolate/Sugar	6
CULART 044	Introduction to Baking Skills, Ingredients, and Technology	3
CULART 080	Small Business and Catering Management	6
CULART 205	Principles of Design and Presentation	3
CULART 225	Sanitation and Safety	3
CULART 240	Procurement, Purchasing and Selection	3
HOSP 100	Introduction to Hospitality and Customer Service	3
RECOMMENDED COURSES:		Units
BUSAD 110	Human Resource Management	3
HOSP 120	Hospitality Cost Control	3
Total Units		45

This is a Gainful Employment Program

Rationale: Updating description, courses, outcomes, and adding recommended courses.
Effective: Fall 2023

CERTIFICATE MODIFICATION

BAKING BUSINESS CERTIFICATE

This certificate helps to prepare students for the dynamic world of owning or managing a business in the baking industry. Students will learn about menu development, communication, food safety, and entrepreneurial skills, and will learn how to manage a diverse workforce.

REQUIRED COURSES:		Units
BUSAD 110	Human Resource Management	3
CULART 225	Sanitation and Safety	3
CULART 040	Introduction to Baking	6
CULART 041	Desserts and Pastries	6
CULART 044	Introduction to Baking Skills, Ingredients, and Technology	3
CULART 080	Small Business and Catering Management	6
CULART 240	Procurement, Purchasing and Selection	3
HOSP 100	Introduction to Hospitality and Customer Service	3
HOSP 120	Hospitality Cost Control	3
Total Units		36

This is a Gainful Employment Program

Rationale: Updating description, courses, and outcomes.
Effective: Fall 2023

CERTIFICATE MODIFICATION

DIETETIC AIDE CERTIFICATE

This program is designed to prepare students for entry-level employment in a designated unit or department in health care, community care, school food service, retirement center, or health and community directed programs of nutrition services. These services are often geared towards people with advanced dietary healthcare needs.

REQUIRED COURSES:		Units
CULART 225	Sanitation and Safety	3
CULART 240	Procurement, Purchasing and Selection	3
FN 060	Modified Diets	4
FN 162	Introduction to Food and Nutrition	3
HOSP 160	Culinary Production and Kitchen Operations	3

RECOMMENDED COURSE:		Units
FN 098	Food and Nutrition Work Experience	1 - 4

Total Units	16
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This is a Gainful Employment Program

Rationale: Updating description and courses.
Effective: Fall 2023

CERTIFICATE MODIFICATION

DIETETIC SERVICE SUPERVISOR CERTIFICATE

This program is designed for students to interested in the dynamic field of food and nutrition. Students will receive education and training for entry-level management positions in a food service department within a health care facility, community care, retirement center, or school food service organizations. Supervisors write menus, design diets, teach classes to food service personnel and give instruction on individual diets.

REQUIRED COURSES:		Units
BUSAD 110	Human Resource Management	3
CULART 050	Healthy Cooking and Special Diets	3
CULART 225	Sanitation and Safety	3
CULART 240	Procurement, Purchasing and Selection	3
FN 060	Modified Diets	4
FN 064	Nutrition Management	3
FN 066	Nutrition Care	3
FN 162	Introduction to Food and Nutrition	3
HOSP 160	Culinary Production and Kitchen Operations	3

RECOMMENDED COURSE:		Units
FN 098	Food and Nutrition Work Experience	1 - 4

Total Units	28
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This is a Gainful Employment Program

Rationale: Updating description and courses.
Effective: Fall 2023

CERTIFICATE MODIFICATION

GRAPHIC DESIGN CERTIFICATE

The Graphic Design Certificate prepares students for entry-level jobs as graphic designers and for those who are looking for experience with industry level design programs.

REQUIRED COURSES:		Units
ENGL 101	Freshman Composition	4
	or	
ENGL 101H	Freshman Composition-Honors	4
ART 100	Art History: The Stone Age to the Middle Ages	3
ART 144	Typography and Visual Communication	3
ART 145	Introduction to Digital Applications for Graphic Design	3
ART 148	Fundamental Graphic Design Principles and Digital Practices	3
ART 149	Design Thinking in Visual Communication	3
ART 161	Digital Photography	3
ART 186	Interactive Web Design	3
ART 280	Beginning 3D Digital Animation and Visualization	3
CHOOSE ONE ART HISTORY COURSE LISTED BELOW: (3 units)		Units
ART 102	Art History: Renaissance to Present	3
ART 102H	Art History: Renaissance to Present - Honors	3
ART 105	History of Modern Art	3
ART 107	Art History: Africa, Oceania and the Americas	3
ART 108	Art of Mexico and Mesoamerica	3
RECOMMENDED COURSES:		Units
ART 120	Two-Dimensional Design	3
ART 121	Three-Dimensional Design	3
ART 124A	Beginning Drawing	3
ART 126A	Beginning Painting	3
ART 132A	Beginning Life Drawing	3
ART 185	Beginning Website Design	3
BUSAD 100	Introduction to Business	3
Total Units		31
<i>This is a Gainful Employment Program</i>		

Rationale: Updating description, outcomes, and courses.
Effective: Fall 2023

CERTIFICATE MODIFICATION

HOSPITALITY/CULINARY ARTS CERTIFICATE

The Hospitality Certificate is designed to prepare students for fast-growing industry that includes commercial restaurants, institutions, health care facilities, school food services, and related food service industries at the middle management level. Skills gained from this certificate include basic to advanced techniques in food preparation, middle-management implementation, and entrepreneurship skills.

REQUIRED HOSPITALITY MANAGEMENT COURSES:		Units
HOSP 100	Introduction to Hospitality and Customer Service	3
HOSP 120	Hospitality Cost Control	3
HOSP 130	Hospitality Food and Beverage Management	3
HOSP 140	Introduction to Hotel Management	3
HOSP 160	Culinary Production and Kitchen Operations	3

REQUIRED CULINARY ARTS COURSES:		Units
CULART 225	Sanitation and Safety	3
CULART 010	Restaurant Service and Catering I	6
CULART 011	Restaurant Service and Catering II	6
CULART 080	Small Business and Catering Management	6
CULART 161	Quantity Food Preparation	3
CULART 240	Procurement, Purchasing and Selection	3
CULART 250	Wine, Beverage, and Food Pairing Concepts	3

RECOMMENDED COURSES:		Units
BUSAD 110	Human Resource Management	3
BUSAD 210	Business Law	3

Total Units	45
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This is a Gainful Employment Program

Rationale:	Formerly the Hospitality Certificate. Updating title, description, and courses.
Effective:	Fall 2023

CERTIFICATE MODIFICATION

PHARMACY TECHNOLOGY CERTIFICATE

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

REQUIRED COURSES:

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

	Units
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 FROM THE FOLLOWING: (4 units)

	Units
BIOL 100 General Biology	4
BIOL 155 Introductory Anatomy and Physiology	4
BIOL 250 Human Anatomy and Physiology I	4
BIOL 260 Human Anatomy	4
CHEM 101 Introductory Chemistry	4

Total Units	26
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This is a Gainful Employment Program

Rationale: Updating verbiage, adding CHEM 101, and removing BIOL 251 and 261 from required courses.

Effective: Fall 2022

CERTIFICATE MODIFICATION

RESTAURANT SERVICE CERTIFICATE

The Restaurant Service Certificate is designed for students interested working the front of the house in commercial restaurants, institutions, health care facilities, school food services, and other related food service industries. Students will learn team dynamics and how to work with diverse groups.

REQUIRED COURSES:

	Units
CULART 010 Restaurant Service and Catering I	6
CULART 011 Restaurant Service and Catering II	6
or	
CULART 012 Food Truck Restaurant and Catering Services	6
CULART 080 Small Business and Catering Management	6
CULART 161 Quantity Food Preparation	3
CULART 225 Sanitation and Safety	3
CULART 240 Procurement, Purchasing and Selection	3
CULART 250 Wine, Beverage, and Food Pairing Concepts	3
HOSP 100 Introduction to Hospitality and Customer Service	3
HOSP 160 Culinary Production and Kitchen Operations	3

RECOMMENDED COURSE:

	Units
HOSP 120 Hospitality Cost Control	3

Total Units	36
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This is a Gainful Employment Program

Rationale: Updating description, courses, and adding recommended course.
Effective: Fall 2023

CERTIFICATE MODIFICATION

WEB AND MULTIMEDIA DESIGN CERTIFICATE

The Web and Multimedia Design Certificate provides students with a strong foundation in digital media allowing them to adapt and respond to dynamic trends in web technologies. In this certificate program students engage in practical, hands-on, realistic projects. The program provides students with the entry level competencies for employment as a Web Developer or other position which requires knowledge to produce a variety of computer, Web, and/or multimedia graphics.

REQUIRED COURSES: **Units**

ENGL 101	Freshman Composition	4
	or	
ENGL 101H	Freshman Composition-Honors	4
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

SELECT ONE OF THE FOLLOWING: (3 units) **Units**

ART 149	Design Thinking in Visual Communication	3
ART 280	Beginning 3D Digital Animation and Visualization	3
BUSAD 100	Introduction to Business	3

SELECT ONE ART HISTORY COURSE LISTED BELOW: (3 units) **Units**

ART 100	Art History: The Stone Age to the Middle Ages	3
ART 102	Art History: Renaissance to Present	3
ART 102H	Art History: Renaissance to Present - Honors	3
ART 105	History of Modern Art	3
ART 107	Art History: Africa, Oceania and the Americas	3
ART 108	Art of Mexico and Mesoamerica	3

Total Units	25
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This is a Gainful Employment Program

Rationale:	Updating description, outcomes, and courses.
Effective:	Fall 2023

CERTIFICATE CORRECTION

AUTOMOTIVE CLEAN VEHICLE TECHNOLOGY CERTIFICATE

This certificate is designed to provide students with the fundamentals of alternative fuel and electric vehicle technology as it applies to the automotive industry. The curriculum prepares students for entry-level positions in alternative fuel/hybrid/electric vehicle maintenance, service, and repair. Including alternative fuel and electric power technology.

REQUIRED COURSES:

		Units
AUTO 010	Introduction to Hybrid and Electric Vehicle Technology	3
AUTO 011	Electric Vehicle (EV) and Alternative Fuel Vehicle	3
AUTO 011L	Electric Vehicle (EV) and Alternative Fuel Vehicle - Laboratory	1
AUTO 064	Auto/Truck Electrical Systems	4
	or	
HMDT 064	Auto/Truck Electrical Systems	4
AUTO 065	Advanced Auto Electrical Systems Diagnosis and Repair	5
Total Units		16

Rationale: Updating degree to remove AUTO 065L.
Previous Board Approval: June 10, 2021
Effective: Fall 2022

CERTIFICATE CORRECTIONS

Engine Performance Certificate

New Title: Automotive Engine Performance Certificate

Preventative Maintenance Technician Certificate

New Title: Automotive Preventative Maintenance Technician Certificate

Wheel Alignment and Brakes Certificate

New Title: Automotive Wheel Alignment and Brakes Certificate

Rationale: Updating titles to include "Automotive".
Previous Board Approval: June 10, 2021
Effective: Fall 2022

CERTIFICATE DELETIONS

Food Preparation Certificate

Food Service Certificate

Rationale: Certificates are being combined into one certificate.
Effective: Fall 2023

DEGREE MODIFICATION

ACCOUNTING ASSOCIATE OF ARTS DEGREE

The Associate of Arts (AA) - in accounting - is designed to provide fundamental skills for individuals planning to enter the field of accounting. Possible entry-level jobs for this program include accounting clerk, accounts payable/receivable clerk, claims clerk, payroll clerk, credit clerk, bookkeeper, accounting intern, tax preparer or comparable positions. This AA program focuses on entry-level accounting skills including communication and ethics needed in today's professional environment. The program provides a fundamental understanding of not only essential practitioner skills but also addresses the unique skills needed by an entry-level accountant. Accounting topics include - financial accounting, managerial accounting, federal taxation, payroll, bookkeeping and the use of business application and accounting software.

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
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:		Units
ACCT 030	Federal and State Individual Income Taxation	4
ACCT 090	Payroll Accounting	3
CIT 101	Introduction to Computer Literacy	3
CIT 114	Spreadsheets: Excel	3
MATH 102	College Algebra	4
Total Units		27

Rationale: Updating description, outcomes, and removing BUSAD 211.
Effective: Fall 2023

DEGREE MODIFICATION

BUSINESS ADMINISTRATION ASSOCIATE OF ARTS DEGREE

The Business Administration Associate of Arts degree helps students start or advance careers in the business field. By enrolling in this degree program, students will develop skills required to plan, organize, make effective decisions, communicate, and lead complex organizations. For those already working in the business field, but lack the education to advance their career, obtaining an associate of arts degree in Business Administration can help move to the next level.

Two of the greatest benefits of a career in business administration are the flexibility and choice of industries that offer employment. Business Administration graduates can work in fields such as Human Resources, Marketing, Pre-law, Small Business, International Management, Sales, Accounting, Banking Finance, Management, and Import/Export.

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 210	Business Law	3
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: Removing BUSAD 211.
Effective: Fall 2023

DEGREE MODIFICATION

BUSINESS ADMINISTRATION 2.0 ASSOCIATE OF SCIENCE TRANSFER DEGREE

The Associate in Science for Transfer (AS-T) in Business Administration 2.0 is designed to provide students with the common core of lower division courses required to transfer and pursue a baccalaureate degree in Business Administration. This includes business degrees with options such as accounting, finance, human resources management, international business, management, operations management, and marketing.

The 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 Business Administration 2.0 degree, students must meet the following requirements:

- completion of the following major requirements with a minimum grade of "C" (or "P");
- 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 Business Administration should consult with a counselor regarding the transfer process and lower division requirements.

REQUIRED COURSES: (24 units)		Units
ACCT 200	Financial Accounting	4
ACCT 201	Managerial Accounting	4
ECON 200	Principles of Macroeconomics or	3
ECON 200H	Principles of Macroeconomics - Honors	3
ECON 201	Principles of Microeconomics or	3
ECON 201H	Principles of Microeconomics - Honors	3
BUSAD 210	Business Law	3
MATH 102	College Algebra or	4
MATH 141	Business Calculus	4
ECON 208	Business and Economic Statistics or	4
MATH 108	Introduction to Probability and Statistics	4
BUSAD 100	Introduction to Business or	3
BUSAD 127	Business Communication	3
Major Total Units:		28
Total Units that May Be Double-Counted:		9
General Education (CSU-GE or IGETC) Units:		37-39
Elective (CSU Transferable) Units:		2-4
Total Units		60

CSUSB requires CIT 101 for their program.

Rationale: Removing BUSAD 211.
Effective: Fall 2023

DEGREE MODIFICATION

GRAPHIC DESIGN ASSOCIATE OF ARTS DEGREE

The Graphic Design Associate of Arts Degree emphasizes skills for entry level employment in advertising agencies, print houses, design studios, freelance work, and related businesses. It also prepares students to apply to a four-year institution leading to a baccalaureate degree or into a professional art school with a graphic design emphasis.

REQUIRED COURSES:

		Units
ART 100	Art History: The Stone Age to the Middle Ages	3
ART 144	Typography and Visual Communication	3
ART 145	Introduction to Digital Applications for Graphic Design	3
ART 148	Fundamental Graphic Design Principles and Digital Practices	3
ART 149	Design Thinking in Visual Communication	3
ART 186	Interactive Web Design	3
ART 161	Digital Photography	3
ART 280	Beginning 3D Digital Animation and Visualization	3

CHOOSE ONE ART HISTORY COURSE LISTED BELOW:

		Units
ART 102	Art History: Renaissance to Present	3
ART 102H	Art History: Renaissance to Present - Honors	3
ART 105	History of Modern Art	3
ART 107	Art History: Africa, Oceania and the Americas	3
ART 108	Art of Mexico and Mesoamerica	3

RECOMMENDED COURSES:

		Units
ART 120	Two-Dimensional Design	3
ART 121	Three-Dimensional Design	3
ART 124A	Beginning Drawing	3
ART 126A	Beginning Painting	3
ART 132A	Beginning Life Drawing	3
ART 185	Beginning Website Design	3
BUSAD 100	Introduction to Business	3

Total Units

27

Note: ART 185 is a prerequisite for ART 186

Rationale: Updating description, outcomes, and courses.
Effective: Fall 2023

DEGREE MODIFICATION

HOSPITALITY/CULINARY ARTS ASSOCIATE OF ARTS DEGREE

The Hospitality/Culinary Arts Associate of Arts Degree is designed to prepare students for fast-growing industry that includes commercial restaurants, institutions, health care facilities, school food services, and related food service industries at the middle management level. Skills gained from this certificate include basic to advanced techniques in food preparation, middle-management implementation, and entrepreneurship skills. Students will also be prepared to build and manage diverse teams. To graduate with a specialization in Hospitality/Culinary Arts, students must complete all requirements for the certificate plus the general breadth requirements for the Associate Degree (minimum total = 60 units)

REQUIRED COURSE:		Units
BUSAD 110	Human Resource Management	3

REQUIRED HOSPITALITY MANAGEMENT COURSES:		Units
HOSP 100	Introduction to Hospitality and Customer Service	3
HOSP 120	Hospitality Cost Control	3
HOSP 130	Hospitality Food and Beverage Management	3
HOSP 140	Introduction to Hotel Management	3
HOSP 160	Culinary Production and Kitchen Operations	3

REQUIRED CULINARY ARTS COURSES:		Units
CULART 010	Restaurant Service and Catering I	6
CULART 011	Restaurant Service and Catering II	6
or		
CULART 012	Food Truck Restaurant and Catering Services	6
CULART 080	Small Business and Catering Management	6
CULART 161	Quantity Food Preparation	3
CULART 225	Sanitation and Safety	3
CULART 240	Procurement, Purchasing and Selection	3
CULART 250	Wine, Beverage, and Food Pairing Concepts	3
Total Units		48

Rationale:	Formerly the Hospitality Associate of Arts Degree. Updating title, description, and courses.
Effective:	Fall 2023

DEGREE MODIFICATION

PHARMACY TECHNOLOGY ASSOCIATE OF SCIENCE DEGREE

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

REQUIRED COURSES:

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

	Units
PHT 060 Pharmacy Systems I	3
PHT 062 Pharmacology 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 FROM THE FOLLOWING: (4 units)

	Units
BIOL 100 General Biology	4
BIOL 155 Introductory Anatomy and Physiology	4
BIOL 250 Human Anatomy and Physiology I	4
BIOL 260 Human Anatomy	4
CHEM 101 Introductory Chemistry	4

Total Units	26
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Rationale: Updating description, adding CHEM 101, and removing BIOL 251 and 261 from required courses.

Effective: Fall 2022

DEGREE MODIFICATION

PROFESSIONAL BAKING AND MANAGEMENT ASSOCIATE OF ARTS DEGREE

Students who receive their degree in baking will gain the skills and knowledge in baking and pastry arts. Students will create hearth and specialty breads, desserts, pastry, patisserie, and confections. Skills developed will be in menu development, communication, food safety, and cost control. Students will also take management courses and will learn how to manage a diverse workforce. To graduate with a specialization in Professional Baking and Management, students must complete all requirements for the certificate plus the general breadth requirements for the Associate Degree (minimum total = 60 units)

REQUIRED COURSES:

	Units
BUSAD 110 Human Resource Management	3
CULART 040 Introduction to Baking	6
CULART 041 Desserts and Pastries	6
CULART 042 Cake Decorating	6
CULART 043 Advanced Desserts and Pastry/Chocolate/Sugar	6
CULART 044 Introduction to Baking Skills, Ingredients, and Technology	3
CULART 080 Small Business and Catering Management	6
CULART 205 Principles of Design and Presentation	3
CULART 225 Sanitation and Safety	3
CULART 240 Procurement, Purchasing and Selection	3

HOSP 100	Introduction to Hospitality and Customer Service	3
HOSP 120	Hospitality Cost Control	3
Total Units		51

Rationale: Updating description, courses, and outcomes.
Effective: Fall 2023

DEGREE MODIFICATION

STUDIO ARTS ASSOCIATE OF ARTS TRANSFER DEGREE

The Associate of Arts for Transfer (AA-T) in Studio Arts develops a well-rounded artist. Students who pursue this degree will have guaranteed admission to a California State University (CSU) campus upon successful completion of the specified program requirements. This degree provides students with transfer preparation and pre-professional training. Students should consult with a counselor to determine whether this degree is the best option for their transfer goals.

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 a Studio Arts AA-T degree, students must complete the following Associate Degree for Transfer requirements:

- completion of the following major requirements with grades of C (or 'P');
- completion of a minimum of 60 CSU transferable semester units with a grade point average of at 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 baccalaureate institution and major in Studio Arts should consult with a counselor regarding the transfer process and lower division requirements.

REQUIRED COURSES (12 Units)		Units
ART 102	Art History: Renaissance to Present	3
	or	
ART 102H	Art History: Renaissance to Present - Honors	3
ART 120	Two-Dimensional Design	3
ART 121	Three-Dimensional Design	3
ART 124A	Beginning Drawing	3
LIST A: Select One Course (3 Units)		Units
ART 100	Art History: The Stone Age to the Middle Ages	3
ART 105	History of Modern Art	3
ART 107	Art History: Africa, Oceania and the Americas	3
ART 108	Art of Mexico and Mesoamerica	3
LIST B: Select Three Courses (9 Units)		Units
ART 132A	Beginning Life Drawing	3

	or	
ART 124B	Intermediate Drawing	3
ART 126A	Beginning Painting	3
ART 145	Introduction to Digital Applications for Graphic Design	3
ART 148	Beginning Computer Graphic Design	3
ART 161	Digital Photography	3
ART 175A	Beginning Sculpture	3
ART 185	Beginning Website Design	3
ART 212A	Beginning Ceramics	3
ART 240A	Beginning Glassblowing	3
ART 280	Beginning 3D Digital Animation and Visualization	3
Total Units for the Major:		24
Total Units that may be double-counted:		6
General Education (CSU-GE or IGETC) Units:		37-39
Elective (CSU Transferable) Units:		3-5
Total Units		60

Rationale: Updating required courses.
Effective: Fall 2023

DEGREE CORRECTION

ENGLISH ASSOCIATE OF ARTS FOR TRANSFER (AA-T) DEGREE

English is the study and production of writing in English, especially literature. The elements and structures of fiction, poetry, drama and the essay are studied. The ethnic, cultural, social, economic and historical foundations of literary works are analyzed as well as their influences on the creation and reception of those works. Finally, there is a strong emphasis in writing for a variety of purposes, audiences, and effects. The study of English prepares a student for further study in Literature, Creative Writing, Journalism and other closely related fields. In addition, the skills and abilities cultivated by the study of English are excellent preparation for any field which requires wide literacy and solid writing ability, including teaching/education, advertising, law, public relations, and work in the media.

Students planning to transfer to a four-year institution and major in English (or associated disciplines such as Comparative Literature, Journalism or Creative Writing) should consult with a counselor regarding the transfer process and lower division requirements because additional courses may be required at some institutions or they may require you to take specific courses. In addition, the department recommends that students take at least 2 semesters of a foreign language as many 4-year institutions have foreign language requirements for their BA in English.

Completion of CSU GE-Breadth or IGETC for CSU is required in addition to the major requirements listed below.

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

- completion of the following major requirements with a minimum grade of “C” (or “P”)
- completion of a minimum of 60 CSU transferable semester units with a grade point average of at least 2.0; and

- certified completion of the CSU General Education Breadth requirements (CSU GE), which requires a minimum of 39 units. Completing courses prior to transfer that satisfy the U.S. History, Constitution and American Ideals requirement as part of CSU GE is highly recommended.

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

REQUIRED CORE COURSES (7 units required)

	Units
ENGL 102 Intermediate Composition and Critical Thinking	4
or	
ENGL 102H Intermediate Composition and Critical Thinking - Honors	4
ENGL 151 Freshman Composition and Literature	3
or	
ENGL 151H Freshman Composition and Literature-Honors	3

LIST A Choose 2 courses (minimum 6 units)

Note that the 270/271 sequence is required by CSU San Bernardino for those transferring as English majors.

ENGL 260 American Literature to Mid 19th Century	3
ENGL 261 American Literature from 1865 to Present	3
ENGL 270 English Literature: Middle Ages to 18th Century	3
or	
ENGL 270H English Literature: Middle Ages to 18th Century-Honors	3
ENGL 271 English Literature: 18th Century to Present	3
or	
ENGL 271H English Literature: 18th Century to Present-Honors	3

LIST B: Choose one course (minimum 3 units)

Any courses from List A not used above, or the following course:

ENGL 163 Chicana/o Literature	3
or	
ETHS 163 Chicana/o Literature	3
ENGL 165 African-American Literature	3
or	
ETHS 165 African-American Literature	3
ENGL 232 Creative Writing	3

LIST C: Choose one course (minimum 3 units)

Any courses from Lists A or B not used above, or one of the following courses:

ANTHRO 125 Language and Culture	3
ENGL 122 Journalism Production: Introduction	3
ENGL 123 Journalism Production: Intermediate	3
ENGL 125 Literary Magazine Production	3
ENGL 140 Exploring the World of Science Fiction	3
ENGL 141 Mystery and Detective Fiction	3
ENGL 153 Literature and Film	3
ENGL 161 Women Writers	3
ENGL 175 The Literature and Religion of the Bible	3
or	

RELIG 175	The Literature and Religion of the Bible	3
Total Units for the Major:		19
Total Units that may be Double-Counted:		6-9
General Education (CSU-GE or IGETC) Units:		37-39
Elective (CSU Transferable) Units:		8-13
Total Units		60

Rationale: Updating degree to remove English course deletions.
Previous Board Approval: May 13, 2021
Effective: Fall 2022

DEGREE CORRECTIONS

Engine Performance Associate of Science Degree

New Title: Automotive Engine Performance Associate of Science Degree

Wheel Alignment and Brakes Associate of Science Degree

New Title: Automotive Wheel Alignment and Brakes Associate of Science Degree

Rationale: Updating titles to include "Automotive".
Previous Board Approval: June 10, 2021
Effective: Fall 2022