



SANTA ANA
COLLEGE



2024-2025

C L A S S
CATALOG

Contents

COLLEGE CREDIT INSTRUCTIONAL CALENDAR 2024-2025	1	VBUS 200	12
General Education Requirements for Associate Degrees (AA/AS)		Topics in Business Skills	12
PLAN A: 2024-2025	2	VBUS 260	12
California State University General Education Breadth (CSU GE)		Introduction to Microsoft Word	12
PLAN B: 2024-2025	4	VBUS 281	12
Intersegmental General Education Transfer Curriculum (IGETC)		Introduction to Quickbooks	12
PLAN C: 2024-2025	6	VBUS 290	13
ANNOUNCEMENT OF COURSES	8	Business Terminology	13
Criminal Justice Academies	8	VBUS 310	13
CJA 600C	8	Foundations of Human Resources	13
Controlling Force	8	VBUS 311	13
CJA 010D	8	Human Resources Compliance	13
Explorer Training Academy	8	VBUS 312	13
CJA 029B	8	Human Resources Operations	13
Bomb Technician Introduction	8	VBUS 313	13
CJA 029C	8	Certified Human Resources Professional (SHRM-CP) Exam	
Active Bomber Course	8	Preparation & Practice	13
CJA 029D	8	VBUS 400	13
Homemade Explosive Course	8	Employability Skills	13
CJA 034E	8	VBUS 559	13
Continued Professional Training for Peace Officers	8	Business Practices in Family Child Care	13
CJA 038A	8	VBUS 590	13
Less Lethal Weapons Update	8	Introduction to How to Start a Small Business	13
CJA 038C	8	Vocational - Construction (VCNST)	14
Firearms-Sighting Systems	8	VCNST 610	14
CJA 042A	9	Vocational Construction Technology Module I	14
Crisis Intervention Training I	9	VCNST 620	14
CJA 055A	9	Vocational Construction Technology Module II	14
Driver Training/Force Option II	9	Vocational - Fine Performing Arts (VFPA)	14
CJA 060A	9	VFPA 150A	14
Motorcycle Instructor Training Course	9	Rehearsal and Performance in Production	14
CJA 060B	9	VFPA 150B	14
Motorcycle Enforcement Update Course	9	Technical Theatre in Production	14
CJA 083B	9	VFPA 152	14
Arrest and Control Techniques (ACT) Instructor Training	9	Tour Ensemble	14
Fire Academy	9	VFPA 255	14
FAC 062	9	Motion Picture Performance Production	14
Basic Incident Command Systems	9	Vocational - Food (VFOOD)	14
FAC 079A	9	VFOOD 200	14
S-339 Division/Group Supervisor- ALL RISK	9	Line Cook Training	14
Fire Officer Training	9	Vocational - Health (VHLTH)	14
FOT 050	9	VHLTH 100	14
Community Emergency Response Team	9	Topics Health Services	14
FOT 078B	9	VHLTH 101	14
S-215L Urban Wildland Interface Firefighting	9	Overview of the Nursing Assistant Training Program	14
Mathematics	9	VHLTH 102	15
MATH 072	9	Certified Nursing Assistant (CNA) Training - Theory	15
Explorations In The Calculus	9	VHLTH 103	15
HIGH SCHOOL DIPLOMA / NONCREDIT CERTIFICATES	10	Certified Nursing Assistant (CNA) Training- Skills Lab	15
ADULT SECONDARY EDUCATION	10	VHLTH 104	15
Adult High School Diploma	10	Certified Nursing Assistant (CNA) Training- Clinical	15
ENGLISH AS A SECOND LANGUAGE (ESL)	11	VHLTH 105	15
ESL Transition to Adult Secondary Education (ASE): Certificate of		Overview of the Acute Care Nursing Assistant Program	15
Competency	11	VHLTH 106	15
NONCREDIT COURSES	12	Acute Care Nursing Assistant Theory	15
English As a Second Language	12	VHLTH 107	15
ESL 520	12	Acute Care Nursing Assistant Skills Lab	15
English for Work 2	12	VHLTH 108	16
Substantial Disabilities (SSD)	12	Acute Care Nursing Assistant Clinical	16
SSD 100	12	VHLTH 704	16
Basic Sign Language Communication for Families of Deaf and Nonverbal		Introduction to Biotechnology	16
Children	12	VHLTH 705	16
Vocational - Automotive (VAUTO)	12	Introductory Biotech Lab	16
VAUTO 670	12	VHLTH 895	16
Introduction to Preventative Maintenance Inspection	12	Paraprofessional Mental Health Worker I	16
Vocational - Business (VBUS)	12	Vocational - Hospitality (VHOSP)	16
VBUS 124	12	VHOSP 201	16
Introduction to Keyboarding I	12	Career Focus - Hospitality Services	16
VBUS 125	12		
Introduction to Keyboarding II	12		

REV: 07/29/2025

Santa Ana College

2024-2025

CATALOG

AND ANNOUNCEMENT OF COURSES

ADDENDUM

SANTA ANA COLLEGE

1530 West 17th Street • Santa Ana, CA 92706 • 714-564 6000 • sac.edu

SCHOOL OF CONTINUING EDUCATION

2900 West Edinger Avenue • Santa Ana, CA 92704 • 714-241 5700 • sac.edu/sce

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Santa Ana College • Santiago Canyon College

Rancho Santiago Community College District serves residents of Anaheim Hills, Orange, Santa Ana, Villa Park, and a portion of Garden Grove.

ACCREDITED BY THE WESTERN ASSOCIATION OF SCHOOLS AND COLLEGES

Santa Ana College and Santiago Canyon College are accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges, (10 Commercial Blvd., Suite 204, Novato, CA 94949, 415 506-0234), an institutional accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and the U.S. Department of Education.

COLLEGE CREDIT INSTRUCTIONAL CALENDAR 2024-2025

FALL SEMESTER 2024

August 12-16	Faculty Projects
August 13, 15	Common College Flex Days
August 19	INSTRUCTION BEGINS
September 2	Last day to add and to drop full-term classes without "W" grade with enrollment fee refund
September 2	Labor Day – Holiday
September 3	Fall Census
September 6	Deadline for Graduation Petition for Associate Degrees for Transfer (ADT) - only for eVerify
October 4	Deadline for Degree/Certificate/Certification Petitions
November 10	Last day to drop semester-length classes with a "W" grade
November 11	Veterans Day – Holiday
November 28 – 30	Thanksgiving – Holiday
December 8	INSTRUCTION ENDS
December 12	Fall 2024 Grade Submission Deadline
Dec. 23 – Dec. 27	Holiday Break

INTERSESSION 2025

January 6	INSTRUCTION BEGINS
January 20	Martin Luther King's Birthday – Holiday
February 2	INSTRUCTION ENDS
February 6	Interession 2025 Grade Submission Deadline

SPRING SEMESTER 2025

February 3 – 7	Faculty Projects
February 4, 6	Common College Flex Days
February 7	Deadline for Graduation Petition for Associate Degrees for Transfer (ADT) - only for eVerify
February 10	INSTRUCTION BEGINS
February 14	Lincoln's Birthday – Holiday (observed)
February 17	President's Day – Holiday
February 23	Last day to add and to drop full-term classes without "W" grade with enrollment fee refund
February 24	Spring Census
March 7	Deadline for Degree/Certificate/Certification Petitions
March 31	Cesar Chavez Day
April 7 – 12	Spring Recess
May 11	Last day to drop semester-length classes with "W" grade
May 26	Memorial Day – Holiday
June 5	Commencement - Santiago Canyon College
June 6	Commencement - Santa Ana College
JUNE 8	INSTRUCTION ENDS
June 12	Spring 2025 Grade Submission Deadline

SUMMER SESSION 2025

JUNE 16	INSTRUCTION BEGINS
June 19	Juneteenth Holiday
June 24	Deadline for Graduation Petition
July 4	Independence Day – Holiday
August 10	INSTRUCTION ENDS
August 14	Summer 2025 Grade Submission Deadline

General Education Requirements for Associate Degrees (AA/AS) PLAN A: 2024-2025

NOTE: This plan does not apply to Associate Degrees for Transfer (AA-T and AS-T). **NOTE:** See specific requirements for the following:

IV. A. Reading Proficiency

B. Mathematics Proficiency

V Oral Communication Requirement

Courses taken to meet these proficiencies/requirement must be completed with a grade of "C" or better.

Note: A single course may be used to meet only one category requirement (A-F) in Section II. However, a course may be used to meet both a required proficiency (IV) or requirement (V), as well as one of the categories of General Education Courses on Plan A (II). Courses which meet the requirements for Part II of Plan A at Santiago Canyon College will automatically meet the identical requirements for Part II of Plan A at Santa Ana College.

II. Required General Education Courses

A. Natural Sciences

(minimum 3 semester units)

Anthropology 101, 101L

Astronomy 109, 110, 140

Biology 109 or 109H/109L, 111, 115, 149, 177, 190, 190L, 2, 211, 239, 259, 275

Chemistry 109, 115, 119, 209, 210, 219 or 219H

Earth Science 110 or 110H, 115, 150 or 150H

Environmental Studies 140, 2, 259

Geography 101, 101L, 130

Geology 101, 101L, 140, 150 or 150H, 201

Physical Science 115, 117, 118

Physics 109, 210, 217, 279

Psychology 201 (Numbered 2 prior to Fall 2023)

B. Social and Behavioral Sciences

(Minimum 6 semester units)

1. American Institutions (minimum 3 semester units)

History 118, 120 or 120H, 121 or 121H

Political Science 101 or 101H

2. Social Science Elective

(minimum 3 units)

Anthropology 1 or 1H

Asian American Studies 150

Black Studies 150

Chicano Studies 150

Child Development 107, 110

Criminal Justice 101 or 101H

Economics 120, 121

Ethnic Studies 102 or 102H, 150 or 150H

Geography 1 or 1H, 102 or 102H, 140, 155

History 101 or 101H, 102 or 102H

Kinesiology, Health Education 112

Law 1

Paralegal 1

Political Science 101 or 101H, 205, 206

Psychology 1 or 1H, 260, 270

Sociology 1 or 1H, 150

C Humanities

(Minimum 3 semester units)

American Sign Language 110 or 110H, 111 or 111H, 116, 210 or 210H, 211

Anthropology 104 or 104H Art 1 or 1H, 101, 102, 105, 110

Dance 1 or 1H, 101, 104, 105

Digital Media 101, 102, 103, 104, 105, 107, 113, 164

English 104 or 104H

Interdisciplinary Studies 121, 2

Journalism & Media Studies 103, 105, 111

Kinesiology, Professional 170

Music 101 or 101H, 102 or 102H, 104, 105, 110, 111

Philosophy 106 or 106H, 108, 112, 118

Theatre Arts 1, 105, 120, 123

Foreign Language:

Chinese 101, 102

French 101, 102, 201 or 201H, 202 or 202H

Italian 120, 121

Japanese 101, 102

Spanish 101 or 101H, 102 or 102H, 195A, 195B, 201 or 201H, 202 or 202H Vietnamese 101, 102

Literature:

English 102 or 102H, 231, 232, 233ABC, 241, 242, 243, 270, 271, 272

Journalism & Media Studies 110

D. Cultural Breadth

(Three semester units required from D1 or D2)

D1. Ethnic Studies/Women's Studies

American Sign Language 116

Anthropology 104 or 104H, 125

Art 103, 104, 106

Asian American Studies 150

Black Studies 150

Chicano Studies 150

Child Development 221

Communication Studies 103 or 103H, 206 or 206H

English 104 or 104H, 245, 246, 278

Ethnic Studies 102 or 102H, 150 or 150H,

History 123, 124 or 124H, 125, 127, 146, 150, 151, 153, 163, 181

Kinesiology, Health Education 102

Music 103

Nutrition 120

Political Science 205, 206, 235

Psychology 170

Women's Studies 101, 102

D2. International Perspective

Anthropology 1 or 1H

Business 106

Criminal Justice 209

Dance 105

Digital Media 102, 105

English 271, 272

Geography 1 or 1H, 102

Interdisciplinary Studies 117H

Kinesiology, Professional 150

Music 102 or 102H

Philosophy 112

Political Science 205, 206

Theatre Arts 105

E. Language and Rationality

(Minimum 6 semester units)

1. English Composition

(minimum 3 semester units) Courses fulfilling the written composition requirement include both expository and argumentative writing. The English composition requirement may be met by completing English 101 or 101H with a grade of "C" or better.

2. Communication and Analytical Thinking

(Minimum 3 semester units) Includes mathematics, logic, statistics, computer languages and programming and related disciplines.

Business 130

Communication Studies 102 or 102H, 140, 145, 150

Computer Science 1, 105

Counseling 144

Critical and Academic Reading 101, 102, 150

Digital Media 164

English 102 or 102H, 103 or 103H

Mathematics 082, 083, 084, 105, 140, 140S, 145, 150, 162, 170, 180, 185, 204, 219 or 219H or 219S, 221, 280, 287

Philosophy 110 or 110H, 111

Psychology 210

F. Lifelong Understanding and Self-Development

(Minimum 3 semester units)

Note: Take one course from each group. No more than one semester unit may be counted from F2. Three semester units for Health Education and one semester unit for Kinesiology may be granted on the basis of military service.

1. Completion of one of the following:

Child Development 107

Counseling 1, 116, 124, 125, 128

Entrepreneurship 1

Fashion Design Merchandising 103

Interdisciplinary Studies 155

Information Studies 1

Kinesiology, Health Education 101 or 101H, 102, 103, 104, 108

Kinesiology, Professional 125, 160

Mathematics 030

Nutrition 115 or 115H

Philosophy 111

Psychology 140, 160, 230

Sociology 112

Study Skills 109

2. Completion of one of the following:

Dance 102, 122A, 122B, 125A, 125A, 125B, 201A, 201B, 206A, 206B, 219A, 219B

Kinesiology, Activities 107A, 107B, 107C, 123, 140A, 150A, 155A, 160A, 169A, 169B, 170A, 2A, 2B, 2C, 211A, 211B, 220A, 220B, 220C, 226A, 230A, 260A, 260B, 260C, 265A, 265B, 265C, 270A, 290A, 290B

Kinesiology, Adapted Activities 201A, 202A, 202B, 205A, 208A, 208B, 211A, 211B

Kinesiology, Aerobic Fitness 140A, 143A, 144A, 146A, 146B, 150A, 156A, 156B, 157A

Kinesiology, Aquatics 201A, 201B

Kinesiology, Fitness 112A, 112B, 112C, 114A, 114B, 115A, 115B, 115C, 147A, 147B

Kinesiology, Intercollegiate Athletics 125, 128, 133, 171, 201, 202, 204, 206, 209, 210, 211, 212, 213, 216, 217, 218, 219, 220, 221, 223, 227, 230, 231, 232, 235, 240, 261, 262, 270, 271, 281, 291, 293

Kinesiology, Professional 155, 165, 175, 195, 2, 275

This requirement (F) is met for Fire Technology (as long as Fire Technology 121 and 121L are taken as part of the program), Nursing, and Occupational Therapy Assistant by completion of the major.

California State University General Education Breadth (CSU GE) PLAN B: 2024-2025

Significant changes were made to this general education (GE) pattern effective Fall 2021. Area D, Social Sciences was reduced from nine units to six units. Area F, Ethnic Studies, is a new three unit requirement. Students who began at SAC in Fall 2021 or later should follow the course pattern below. However, students who began attending SAC (or another CCC or CSU) prior to Fall 2021 will be permitted to complete the previous CSU GE pattern if they maintain CSU continuous enrollment. Please consult a SAC counselor for additional information.

NOTE: These requirements apply to all students. Students planning to graduate from one of the 23 campuses of the California State University must complete 48 semester units in general education breadth courses. A student may complete 39-40 units of general education at Santa Ana College prior to transfer. Nine semester units of general education coursework must be completed at the upper division level after transfer.

CERTIFICATION OF GENERAL EDUCATION

1. Santa Ana College is authorized to certify a maximum of 39-40 general education units.
2. CSU-GE Certification indicates that a transfer student has met CSU lower division GE requirements. Students may earn full or subject area certification.
3. Pass/No Pass grades are accepted for certification in all areas; however, they are not recommended for transfer credit in basic skill areas. (A. English language, Communication and Critical Thinking, A1, A2, and A3; and B4. Mathematics/Quantitative Reasoning.) In addition, letter grades may be recommended or required for specific courses in a given major. Each CSU campus may also limit the total number of units graded credit.
4. A single course may not meet more than one general education requirement.
5. Requests for certification should be made to the Office of Admissions and Records during the semester prior to the last term of attendance. Please consult the class schedule or the Counseling Department for deadline information.
6. Certification of coursework from other colleges will be granted to students whose last community college of attendance prior to transfer is Santa Ana.
7. Courses taken at other California Community Colleges will be applied to the subject areas in which they were listed by the institution where the course was completed.
8. Courses taken at other regionally accredited private/out of state institutions (which do not maintain a CSU certification list) will be placed in the subject areas for which Santa Ana College has equivalent courses. In some cases, non-equivalent courses may also be considered. Consult a counselor for additional information. Courses completed at foreign institutions are not acceptable for certification.

Students earning an AS-T in Biology should complete CSU-GE Breadth for STEM. See [Associate Degree for Transfer](#) for additional information.

IMPORTANT NOTE: The list of certifiable courses will be subject to change year by year, but students are assured that courses taken to meet general education-breadth requirements will be honored **if they are approved for the academic year in which they are taken.**

Courses on this list are approved beginning Fall 2024 and are valid through Summer 2025.

TRANSFER CREDIT

Students may transfer up to 70 semester units to the CSU system. Sixty transferable units are needed for junior standing. All courses used for CSU transfer credit must be numbered 1 or above in the Santa Ana College catalog.

A. English Language Communication and Critical Thinking

(Minimum 9 semester/12 quarter units) The 9 units selected from this area must include at least one course each from A1, A2, and A3. Each course must be completed with a grade of "C" or better (C - is acceptable).

A1: Oral Communication

Communication Studies 1, 101 or 101H, 102 or 102H, 103 or 103H, 140, 145, 150

A2: Written Communication English 101 or 101H

A3: Critical Thinking Communication Studies 140 Counseling 144 Critical and Academic Reading 150 English 102 or 102H (102 and 102H not accepted in A3 if completed prior to Fall 2011), 103 or 103H Philosophy 110 or 110H, 111 B.

B. Scientific Inquiry and Quantitative Reasoning

(Minimum 9 semester/12 quarter units) The 9 units selected from this area must include at least one course each from B1, B2, and B4. The 9 units must also include a corresponding lab component. (Lab classes are in **BOLD**.) Courses in B4 must be completed with a grade of "C" or better.

B1: Physical Science

Astronomy **109, 110**

Chemistry **109, 115, 119, 209, 210, 219 or 219H, 229**

Earth Science 110 or 110H, 115, 150 or 150H

Environmental Studies 140

Geography 101, 130

Geology 101, 140, 150 or 150H, 201

Physical Science 115, 117

Physics 109, 210, 211, 217, 227, 237, 279, 289

B2: Life Science

Anthropology 101

Biology 109 or 109H, **111, 115, 139, 149, 177, 190, 211, 212, 214, 229, 239, 249, 259, 275**

Environmental Studies **259**

Psychology **201** (Fall 2017 or later completion) (Numbered 2 prior to Fall 2023)

B3: Laboratory Activity

Anthropology **101L**

Astronomy **140**

Biology **109L, 111, 115, 139, 149, 190L, 211, 212, 214, 229, 239, 249, 259, 275**

Chemistry 109, 115, 119, 209, 210, 219 or 219H, 229

Earth Science **115**

Environmental Studies **259**

Geography **101L**

Geology **101L, 201**

Physics **109, 210, 211, 217, 227, 237, 279, 289**

Physical Science **115, 118**

Psychology **201** (F'23 or later completion)

B4: Mathematics/Quantitative Reasoning Courses must be completed with a grade of "C" or better. Business 130 (Fall 2019 or later completion) (Does not meet the Math Proficiency requirement for AA and AS degrees)

Mathematics 105, 140, 140S, 145, 150, 162, 170, 180, 185, 204, 219 or 219H, 219S, 280, 287

Psychology 210

C Arts and Humanities

(Minimum 9 semester/12 quarter units) This area must include one course from C1 and one course from C2.

C1: Arts:

Art, Cinema, Dance, Music,
 Theatre Art 1 or 1H, 101, 102, 103, 104, 105, 106, 108
 Dance 1 or 1H, 101, 102, 104, 105
 Digital Media 102, 103, 104, 107, 113
 English 233A, 233B, 233C
 Interdisciplinary Studies 121
 Journalism & Media Studies 103
 Music 101 or 101H, 102 or 102H, 103, 104, 105, 110 (Fall 2015 or later completion), 111
 Photography 150
 Theatre Arts 1, 105, 120, 123

C2: Humanities: Literature, Philosophy, Languages Other Than English

American Sign Language 110 or 110H, 111 or 111H, 116, 210 or 210H
 Chinese 101, 102
 Digital Media 105
 English 102 or 102H, 220, 231, 232, 233A, 233B, 233C, 241, 242, 243, 245, 246, 270, 271, 272, 278 French 101, 102, 201 or 201H, 202 or 202H
 History 101 or 101H, 102 or 102H, 150, 151, 153, 163
 Interdisciplinary Studies 2
 Italian 120, 121
 Japanese 101, 102
 Kinesiology, Professional 170
 Philosophy 106 or 106H, 108, 112, 118
 Spanish 101 or 101H, 102 or 102H, 195A, 195B, 201 or 201H, 202 or 202H
 Vietnamese 101, 102

D. Social Sciences (Minimum 6 semester/8 quarter units)

Anthropology 1 or 1H, 103, 104 or 104H, 105, 125
 Asian American Studies 150*
 Biology 2
 Black Studies 150*
 Chicano Studies 150*
 Child Development 107, 110
 Communication Studies 103 or 103H, 206 or 206H
 Computer Science 1
 Counseling 150
 Criminal Justice 101 or 101H
 Economics 120, 121
 English 104 or 104H, 245, 278
 Environmental Studies 2
 Ethnic Studies 102 or 102H, 150H* or 150H*
 Geography 1 or 1H, 102, 140 History 101 or 101H, 102 or 102H, 105, 118, 120 or 120H, 121, or 121H, 123, 124 or 124H, 125, 127, 133, 146, 150, 151, 153, 163, 181
 Interdisciplinary Studies 117H, 155
 Journalism & Media Studies 105, 111
 Kinesiology, Health Education 112
 Kinesiology, Professional 150
 Law 1
 Paralegal 1 (Fall 2021 or later completion)
 Political Science 101 or 101H, 2 or 2H, 201, 205, 206, 220, 235
 Psychology 1 or 1H, 140, 157, 160, 170, 201 (Numbered 2 prior to Fall 2023), 219, 230, 240, 250 Sociology 1 or 1H, 112, 140 or 140H, 150, 240
 Women's Studies 101, 102

NOTE: The CSU graduation requirement in UNITED STATES

HISTORY, CONSTITUTION AND AMERICAN IDEALS may be met by completing Political Science 101 or 101H and one U. S. History course from the following:

History 118, 120 or 120H, 121 or 121H, 123, 124 or 124H, 127, 146.

These courses (in **BOLD** in area D above) may also be used to meet 6 of the 6 Area D unit requirements.

E. Lifelong Learning and Self-Development (Minimum 3 semester/4 quarter units) Three units should be selected from below with no more than one unit from E2. Three units of credit are allowed in E for former military personnel with a DD-214.

E1:

Child Development 107, 229
 Counseling 1, 116, 124, 125, 128
 Fashion Design Merchandising 103 (Fall 2021 or later completion)
 Interdisciplinary Studies 155
 Kinesiology, Health Education 101 or 101H, 102, 103, 104
 Kinesiology, Professional 125
 Nutrition 115 or 115H
 Psychology 140, 157, 230
 Sociology 112
 Study Skills 109 (Fall 2013 or later completion)

E2:

Kinesiology, Activities 107A, 107B, 107C, 123, 140A, 150A, 155A, 160A, 169A, 169B, 170A, 2A, 2B, 2C, 211A, 211B, 220A, 220B, 220C, 226A, 230A, 260A, 260B, 260C, 265A, 265B, 265C, 270A, 290A, 290B
 Kinesiology, Adapted Activities 201A, 202A, 202B, 205A, 208A, 208B, 211A, 211B
 Kinesiology, Aerobic Fitness 140A, 143A, 144A, 146A, n146B, 150A, 156A, 156B, 157A
 Kinesiology, Aquatics 201A, 201B
 Kinesiology, Fitness 112A, 112B, 112C, 114A, 114B, 115A, 115B, 115C, 147A, 147B
 Kinesiology, Intercollegiate Athletics 125, 128, 133, 171, 201, 202, 204, 206, 209, 210, 211, 212, 213, 216, 217, 218, 219, 220, 221, 223, 227, 235, 240, 261, 262, 270, 271, 281, 291, 293

F Ethnic Studies (Minimum 3 semester/4 quarter units) Note: All courses below must have been completed Fall 2021 or later in order to fulfill Area F. Asian American Studies 150* Black Studies 150* Chicano Studies 150* Ethnic Studies 102 or 102H, 150* or 150H

* Numbered 101 prior to Fall 2022

Intersegmental General Education Transfer Curriculum (IGETC) PLAN C: 2024-2025

Significant changes were made to this general education (GE) pattern effective Fall 2023. Area 4, Social and Behavioral Sciences, was reduced from nine units to six. Area 7, Ethnic Studies, is a new three unit requirement. Students who began at SAC in Fall 2023 or later should follow the course pattern below. However, students who began attending SAC or another California Community College or a California State University prior to Fall 2023 should consult a SAC counselor for additional information.

Completion of all the requirements in the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from Santa Ana College to a campus in either the CALIFORNIA STATE UNIVERSITY or the UNIVERSITY OF CALIFORNIA system without the need, after transfer, to take additional lower-division, general education courses to satisfy campus general education requirements.

1. It is generally recommended that students complete all the listed requirements for IGETC prior to transferring. Students may obtain partial certification, however, by completing all but 1-2 courses. Consult a counselor for additional information.
2. **Complete all courses used for IGETC certification with a minimum grade of C (C minus is not acceptable.)** A "pass" is acceptable providing it is equivalent to a grade of C or higher. The catalog must reflect this policy.
3. Request certification from the last California community college attended prior to transfer to CSU or UC. Requests should be made to the Office of Admissions and Records during the semester prior to the last term of attendance. Please consult the class schedule or a counselor for deadline information.
4. Prior to requesting certification, have all official transcripts on file from every high school and college attended.
5. Courses taken at other California community colleges will be applied to the subject areas in which they are listed by the institution where the work was completed.
6. Courses taken at other regionally accredited private/out of state institutions (which do not maintain an IGETC certification list) will be placed in the subject areas for which Santa Ana College has equivalent courses. Equivalency is determined by Santa Ana College faculty. Petitions are available from the Counseling Division and must be accompanied by the appropriate documentation. In some cases non-equivalent courses may also be considered. Consult a counselor for additional information.
7. Courses completed at foreign institutions (without US regional accreditation) are not acceptable except for certification of competence in a language other than English.
8. Students earning an AS-T in Biology or Chemistry must complete IGETC for STEM. for additional information.

IMPORTANT NOTE: The list of certifiable courses will be subject to change year by year, but students are assured that courses taken to meet IGETC requirements will be honored **if they are approved for the academic year in which they are taken. Courses on this list are approved beginning Fall 2024 and are valid through Summer 2025.**

TRANSFER CREDIT Students may transfer up to 70 semester units to the UC or CSU system. Sixty transferable units are needed for junior standing. All courses used for CSU transfer credit must be numbered 1 or above in the Santa Ana College catalog. All courses used for UC transfer credit can be found on the (UC TCA). Courses must be included on the UC TCA during the academic year the course was completed.

AREA 1 - ENGLISH COMMUNICATION

C.S.U.: 3 courses required, one from each group.

U.C.: 2 courses required, one each from Group A and B.

Group A: English Composition 1 course, minimum 3 semester/4-5 quarter units. English 101** or 101H**

Group B: Critical Thinking-English Composition

1 course, 3 semester/4-5 quarter units. English 102** or 102H** (102 and 102H not accepted in 1B if completed prior to Fall 2011) English 103** or 103H** Philosophy 110** or 110H**

Group C: Oral Communication (CSU ONLY)

1 course, 3 semester/4-5 quarter units. Communication Studies 1, 102** or 102H**, 103** or 103H**, 140, 145, 150

AREA 2A - MATHEMATICAL CONCEPTS AND QUANTITATIVE

REASONING 1 course, 3 semester/4-5 quarter units. Math 105, 140**, 140S**, 145, 150**, 170**, 180**, 185, 219**, 219S**, 221**, 280, 287; Psychology 210

AREA 3 - ARTS AND HUMANITIES

3 courses, 9 semester/12-15 quarter units, with at least one course from Group A and one course from Group B.

Group A: Arts (minimum 1 course)

Art 1** or 1H**, 101, 102, 103, 104, 105, 106, 108

Dance 1** or 1H**, 101 (Fall 2022 or later completion), 102, 104, 105

Digital Media 102 (Fall 2022 or later completion), 103, 104, 107

Interdisciplinary Studies 121

Journalism & Media Studies 103

Music 101** or 101H**, 102** or 102H**, 103, 104, 105, 111

Photography 150

Theatre Arts 1, 105, 120, 123 (Fall 2020 or later completion)

Group B: Humanities (minimum 1 course)

American Sign Language 111, 116, 210

Chinese 102

Digital Media 105

English 102** or 102H**, 220, 231, 232, 233A or 233B or 233C, 241, 242, 243, 245, 246, 270 (Fall 2020 or later completion), 271, 272, 278

French 102, 201** or 201H**, 202** or 202H**

History 101** or 101H**, 102** or 102H**, 150, 151, 153, 163*

Interdisciplinary Studies 2

Italian 121

Japanese 102

Philosophy 106** or 106H**, 108, 112, 118

Spanish 102** or 102H**, 195A, 195B, 201** or 201H**, 202** or 202H**

Vietnamese 102

AREA 4 - SOCIAL AND BEHAVIORAL SCIENCES

2 courses, 6 semester/8 quarter units from at least 2 academic disciplines.

Anthropology 1** or 1H**, 103, 104** or 104H**, 105, 125

Asian American Studies 150

Biology 2

Black Studies 150

Chicano Studies 150

Child Development 107**

Communication Studies 206** or 206H**

Criminal Justice 101 or 101H

Economics 120, 121

English 104** or 104H**

Environmental Studies 2

Ethnic Studies 102** or 102H**, 150** or 150H**, 150

Geography 1** or 1H**, 102**, 140

History 101**, 101H**, 102**, 102H** (101, 101H, 102, 102H Fall 2013 or later completion), 105, 118, 120** or 120H**, 121** or 121H**, 123, 124** or 124H**, 125, 127, 133, 146, 163*, 181
 Interdisciplinary Studies 117H, 155
 Journalism & Media Studies 105, 111
 Kiniseology, Health Education 112
 Law 1 (Fall 2020 or later completion)
 Paralegal 1 (Fall 2021 or later completion)
 Political Science 101** or 101H**, 2** or 2H**, 201, 205, 206, 220, 235
 Psychology 1** or 1H**, 140, 157**, 160, 170, 201 (Number 2 Prior to Fall 2023), 219, 230, 240, 250
 Sociology 1** or 1H**, 140** or 140H**, 240
 Women's Studies 101, 102

AREA 5 - PHYSICAL AND BIOLOGICAL SCIENCES At least 2 courses, 7-9 semester/9-12 quarter units with one Physical Science course and one Biological Science course; at least one must include a corresponding laboratory (Group C).

Group A: Physical Science (1 course)

Astronomy 109, 110
 Chemistry 109**, 115, 119**, 209**, 210, 219** or 219H**, 229
 Earth Science 110** or 110H**, 115**, 150** or 150H**
 Environmental Studies 140
 Geography 101**, 130 Geology 101**, 140, 150** or 150H**, 201
 Physical Science 115, 117**
 Physics 109**, 210**, 211**, 217**, 227**, 237**, 279**, 289**

Group B: Biological Science (1 course)

Anthropology 101
 Biology 109** or 109H**, 111, 115, 139**, 149 (Fall 2017 or later completion), 177, 190, 211**, 212, 214, 229**, 239, 249, 259
 Environmental Studies 259
 Psychology 201 (Fall 2017 or later completion) (Numbered 2 prior to Fall 2023)

Group C: Laboratory Activity

Anthropology 101L
 Astronomy 140
 Biology 109L, 111, 115, 139**, 149 (Fall 2017 or later completion), 190L, 211**, 212, 214, 229**, 239, 249, 259 Chemistry 109**, 115, 119**, 209**, 210, 219** or 219H**, 229
 Earth Science 115**
 Environmental Studies 259
 Geography 101L
 Geology 101L, 201
 Physical Science 115, 118**
 Physics 109**, 210**, 211**, 217**, 227**, 237**, 279**, 289**
 Psychology 201

AREA 6A - LANGUAGE OTHER THAN ENGLISH (U.C. ONLY)

Satisfactory completion of two years of high school coursework in one language other than English with grades of "C" or better***. OR Completion of one of the following: American Sign Language 110, 111, 210;
 Chinese 101;
 French 101, 102, 201, 201H, 202, 202H;
 Italian 120;
 Japanese 101, 102;
 Spanish 101, 101H, 102, 102H, 201, 201H, 202, 202H;
 Vietnamese 101, 102.

OR

Satisfactory completion, with "C" grades or better, of two years of formal schooling at the sixth-grade level or higher in an institution where the language of instruction is not English; OR Satisfactory score in examinations of languages other than English as follows: 3 or higher on College Board Advanced Placement Examination, 5 or higher on International Baccalaureate Higher Level Examination; SAT II: Subject Tests (see counselor for required scores); A, B, or C on "0" Level exam; 5, 6, 7 or A, B, or C on "A" Level exam. OR Satisfactory completion of an achievement test administered by a college in language other than English equivalent to two years of high school language. If an achievement test is not available, a SAC faculty member may verify competency.

AREA 7 - ETHNIC STUDIES 1 course, 3 semester/4 quarter units Note: All courses below must have been completed Fall 2023 or later in order to fulfill Area 7.

Asian American Studies 150

Black Studies 150

Chicano Studies 150

Ethnic Studies 102 or 102H, 150 or 150H

Reduction of units in Area 4 and inclusion of Area 7 takes effect for students matriculating at a California community college in Fall 2023.

AMERICAN INSTITUTIONS REQUIREMENT (Not part of IGETC).

May be completed prior to transfer.) CSU has an American Institutions graduation requirement that is separate from IGETC. Courses used to meet the CSU requirement can usually also be used in Area 3 or 4. (This is at the discretion of each CSU campus.) To meet the CSU requirement, students should take Political Science 101** or 101H** AND one of the following courses: History 118, 120**, 120H**, 121**, 121H**, 123, 124**, 124H**, 127, 146. UC requires the completion of a college course or courses with a grade of "C" or better OR a one-year course in high school in U. S. History or a half-year course in U. S. History and a half-year course in American Government with grades of "C" or better (UCLA requires grades of "B"). UCSB requires the completion of a college course. If you are using college coursework to satisfy this requirement, check the appropriate UC catalog to determine which course(s) to take.

* Courses designated with an asterisk may be counted in one area only. ** Indicates that transfer or CSU or both. *** High School transcript must be on file in the admissions office. Please consult with a counselor for additional information.

ANNOUNCEMENT OF COURSES

Criminal Justice Academies

CJA 006C

Controlling Force

Unit(s): 0.5 Class Hours: 6.0 Lecture, 12.0 Lab total.

Prerequisite: Completion with a grade of "C" or better or a Passing grade in: CJA 099A Prerequisite: Completion with a grade of "C" or better or a Passing grade in CJA 099A Commission on Peace Officers Standards and Training (POST) Basic Police Academy or equivalent as determined by the Associate Dean of Criminal Justice Academies.

This course is designed to teach the students the importance of obtaining and maintaining control during a dynamic use of force involving law enforcement.

(Pass/No Pass Only)

CJA 010D

Explorer Training Academy

Unit(s): 1.0-2.5 Class Hours: 7.0-16.0 Lecture, 33.0-87.0 Lab total.

Prerequisite: Students sponsored by law enforcement agencies must meet agency Explorer POST application guidelines. Self-sponsored student applications will be evaluated and screened by discipline faculty to ensure students meet the requirements related to health and parental approval.

This course will prepare Law Enforcement Explorers for volunteer work at law enforcement agencies.

(Pass/No Pass Only)

CJA 029B

Bomb Technician Introduction

Unit(s): 1.5 Class Hours: 30.0 Lecture, 10.0 Lab total.

Prerequisite: Completion with a grade of "C" or better or a Passing grade in: CJA 099A or CJA 099D or Commission on Peace Officer Standards and Training (POST) certified basic law enforcement academy or equivalent as determined by the Assistant Dean of Criminal Justice Academies. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency. Student must possess, at minimum, a currently valid U.S. government secret clearance that authorizes them to attend this course. Student must be approved by FBI to attend this course. Student must meet FBI bomb technician requirements described in the National Guidelines for Bomb Technicians, as published by the FBI and National Bomb Squad Commanders' Advisory Board.

This course is designed for newly assigned bomb technicians. Topics include introduction to explosives, basic electricity, render-safe procedures, bomb threats, threat assessment, and post blast investigations.

(Pass/No Pass Only)

CJA 029C

Active Bomber Course

Unit(s): 0.5 Class Hours: 2.0 Lecture, 22.0 Lab total.

Prerequisite: Completion with a grade of "C" or better or a Passing grade in: CJA 099A or CJA 099D or Commission on Peace Officer Standards and Training (POST) certified basic law enforcement academy, or equivalent as determined by the Assistant Dean of Criminal Justice Academies. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

This course helps prepare law enforcement first responders for an active bombing incident. Topics include threat evaluation, possible deployment of lethal force, decision making, tactics, and scenarios.

(Pass/No Pass Only)

CJA 029D

Homemade Explosive Course

Unit(s): 0.2 Class Hours: 4.0 Lecture, 4.0 Lab total.

Prerequisite: Completion with a grade of "C" or better or a Passing grade in: CJA 099A or CJA 099D or Commission on Peace Officer Standards and Training (POST) certified basic law enforcement academy, or equivalent as determined by the Assistant Dean of Criminal Justice Academies. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

This course is designed to educate first responders on the dangers of homemade explosive devices and how to recognize bomb-making components and materials.

(Pass/No Pass Only)

CJA 034E

Continued Professional Training for Peace Officers

Unit(s): 0.2-3.0 Class Hours: 4.0-40.0 Lecture, 4.0-40.0 Lab total.

Prerequisite: Completion with a grade of "C" or better or a Passing grade in: CJA 099A

This course updates and advances the student's existing knowledge and skill set associated with peace keeping and law enforcement. Instruction in evolving issues includes the safe handling of firearms, tactical shooting and movement, ground fighting, chemical weapons, government codes, penal codes, vehicle codes, health and safety codes, welfare and institution codes, and interpersonal and tactical communication, and may include additional topics determined by legislature or regional needs.

(Pass/No Pass Only)

CJA 038A

Less Lethal Weapons Update

Unit(s): 0.1-1.0 Class Hours: 1.0-6.0 Lecture, 3.0-36.0 Lab total.

Prerequisite: Completion with a grade of "C" or better or a Passing grade in: CJA 099A Commission on Peace Officers Standards and Training (POST) Basic Police Academy or equivalent as determined by the disciplined faculty.

This course provides instruction on the use of less lethal weaponry in law enforcement tactical emergencies while also addressing use of force policies, the use of force continuum, fitting less-lethal weaponry within use of force consideration, weapon deployment, tactical considerations, extended range delivery systems, mechanical aspects, and suspect handling after deployment.

(Pass/No Pass Only)

CJA 038C

Firearms-Sighting Systems

Unit(s): 0.1 Class Hours: 1.0 Lecture, 3.0 Lab total.

Prerequisite: Completion with a grade of "C" or better or a Passing grade in: CJA 099A

To inform students of the advantages and disadvantages and training considerations related to using a Miniaturized Red Dot Sight on a handgun.

(Pass/No Pass Only)

CJA 042A**Crisis Intervention Training I**

Unit(s): 0.5 Class Hours: 10.0 Lecture, 6.0 Lab total.

Prerequisite: Completion with a grade of "C" or better or a Passing grade in: CJA 099A

Student will receive specialty instruction in crisis intervention training for experienced peace officers. This course is offered in partnership with the Orange County Sheriff's Department.

(Pass/No Pass Only)

CJA 055A**Driver Training/Force Option II**

Formerly: Driving/PSF

Unit(s): 0.1 Class Hours: 1.0 Lecture, 3.0 Lab total.

Prerequisite: Completion with a grade of "C" or better or a Passing grade in: CJA 099A or its equivalent as determined by the discipline faculty.

A Peace Officer Standards and Training (POST) certified course designed to update peace officer skills in the area of emergency vehicle driving.

(Pass/No Pass Only)

CJA 060**Basic Police Motorcycle Operator Course**

Unit(s): 1.5 Class Hours: 9.5 Lecture, 70.5 Lab total.

Prerequisite: Completion with a grade of "C" or better or a Passing grade in: CJA 099A

This course provides the knowledge, skills, and proficiency needed to safely operate a police motorcycle during the performance of enforcement duties. The intention of the course is to produce a safe and confident rider for all law enforcement motorcycle duties.

(Pass/No Pass Only)

CJA 060A**Motorcycle Instructor Training Course**

Unit(s): 1.5 Class Hours: 7.5 Lecture, 72.5 Lab total.

Prerequisite: Completion with a grade of "C" or better or a Passing grade in: CJA 060

This course is designed to provide experienced motorcycle officers with the knowledge, skill, and proficiency to instruct new motorcycle enforcement officers with the skills and safe practices required to operate a police or Sheriff's Department motorcycle.

(Pass/No Pass Only)

CJA 060B**Motorcycle Enforcement Update Course**

Unit(s): 0.2 Class Hours: 1.0 Lecture, 9.0 Lab total.

Prerequisite: Completion with a grade of "C" or better or a Passing grade in: CJA 060

The course is designed to provide experienced motorcycle officers and deputies with the opportunity to maintain their knowledge, skills, and proficiency while operating their police motorcycle.

(Pass/No Pass Only)

CJA 083B**Arrest and Control Techniques (ACT) Instructor Training**

Unit(s): 1.5 Class Hours: 9.0 Lecture, 71.0 Lab total.

Prerequisite: Completion with a grade of "C" or better or a Passing grade in: CJA 099A or equivalent as determined by the discipline faculty.

This course prepares instructors and develops teaching skills focusing on arrest and control technique expertise, application, and assessment in a law enforcement instructional environment.

(Pass/No Pass Only)

Fire Academy**FAC 062****Basic Incident Command Systems**

Unit(s): 0.3 Class Hours: 0.5 Lecture, 15.5 Lab total.

Basic principles of command, knowledge, and skills common to all positions in the Incident Command System (ICS).

(Pass/No Pass Only)

FAC 079A**S-339 Division/Group Supervisor- ALL RISK**

Unit(s): 0.5 Class Hours: 4.0 Lecture, 16.0 Lab total.

Prerequisite: Completion with a grade of "C" or better or a Passing grade in: ICS-3, Intermediate I.C.S. Students must bring certificate of completion to first class meeting or be dropped from the course. and Qualified as a Task Force Leader (TFLD) or Incident Commander Type 3 (ICT3) or Incident Commander Type 4 (ICT4) and in any two Strike Team Leader positions – one must be STCR or STEN. Students must bring evidence to first class meeting or be dropped from the course.

This course prepares students to perform in the role of division/group supervisor during wildland fire operations. It provides instruction in support of the specific tasks of the division/group supervisor, but will not instruct students in general management/supervision or in the incident command system (ICS), both of which the student should learn through prerequisite work. Topics include division/group management, organizational interaction, division operations, all-hazard operations, and tactical decision games. There is a final examination in this course. May require additional material fees. Not offered every semester.

Fire Officer Training**FOT 050****Community Emergency Response Team**

Unit(s): 0.2-0.5 Class Hours: 10.0-30.0 Lab total.

Educating the public to respond to terrorism response issues, theories, and methodologies for disaster mitigation.

FOT 078B**S-215L Urban Wildland Interface Firefighting**

Unit(s): 0.7 Class Hours: 32.0 Lecture total.

S-215L Urban wildland interface firefighting is a course designed to teach fire crews the principles of backfire/burnout and the necessary firing techniques and related firing devices used to accomplish either of these suppression methods.

FOT 078D**ICS 223-10, Wildland Line EMT**

Unit(s): 0.3 Class Hours: 18.0 Lab total.

Prerequisite: Completion with a grade of "C" or better or a Passing grade in: Current California State Certification as an EMT or NREMT

Designed to train firefighters in preserving health and safety of suppression team members during wildland incidents and make available EMT-1 level care in the field.

Mathematics**MATH 072****Explorations In The Calculus**

Unit(s): 1.0 Class Hours: 54.0 Lab total.

Corequisite: Concurrent enrollment in: MATH 172

This course provides students with an introduction to Calculus concepts and fundamentals through investigation and application of Algebra. Students will take this course concurrently with Math 172 - Algebra and Trigonometry for Calculus, and explore how these topics integrate into the world of change.

(Pass/No Pass Only)

NONCREDIT CERTIFICATES

Continuing Education courses are listed by subject on the following pages. Course numbers are listed at the beginning of each course title. Open Entry/Open Exit courses are noted in the course descriptions. Students may enroll at any time in these courses and begin class immediately. Students progress at their own rate and may exit from the class at any time upon satisfactory completion of the required work. In other courses, class hours refer to the number of hours that the class is scheduled to meet per week during a term. All credits listed are high school credits. In traditional courses, students earn credits by satisfactorily completing the course. In open entry/open exit courses, students earn credits by meeting individual competency-based objectives. Some noncredit programs offer a sequence of courses leading to a certificate. The class schedule should be consulted for current offerings.

ADULT SECONDARY EDUCATION

Adult High School Diploma

Program Code: CEC.HSS.DIPL

Program Control Number: 31594

The sequence of courses in the High School Subjects, Adult Education, and Learning Support programs is designated to provide a strong foundation of basic skills ranging from elementary levels through secondary subjects, with the purpose of preparing students to earn a high school diploma, obtain employment, pursue vocational training and better job opportunities, and to be prepared to continue into college credit level programs.

Learning Outcome(s):

The Adult Secondary Education (ASE) High School Diploma program consists of courses to help students demonstrate the ability to apply essential grammar, reading, writing, math, and social/natural science concepts when transferring to college, entering the workforce, or for personal success. This program is especially useful for students who have some secondary education experience and are seeking a High School Diploma.

English - Forty (40) high school credits (Maximum of 10 credits of Reading; must include 5 credits of Composition course)

HSRDG 089	Reading Proficiency Development	5
HSRDG 093	Building Reading Skills 1	5
HSENG 096	Building Vocabulary 1	5
HSENG 097	Building Vocabulary 2	5
HSENG 065	English Fundamentals 1	5
HSENG 066	English Fundamentals 2	5
HSENG 067	English Fundamentals 3	5
HSENG 068	English Fundamentals 4	5
HSENG 701	English 1	5
HSENG 702	English 2	5
HSENG 703	English 3	5
HSENG 704	English 4	5
HSENG 705	English 5	5
HSENG 706	English 6	5
HSENG 707	English 7	5
HSENG 708	English 8	5
HSENG 083	Composition 1	5
HSENG 084	Composition 2	5
LRN 084	Composition 2	5
LRN 750	Intensive Writing and Grammar	5

Mathematics- Twenty (20) high school credits

(Must include 5 credits of Introductory Algebra or any Algebra course determined to be equivalent by discipline faculty)

LRN 165	College Algebra Prep	5
LRN 164	Introductory Algebra	5
HSMTH 151	Principles of Mathematics	5
HSMTH 152	Pre-Algebra	5
HSMTH 154	Pre-Algebra A	5
HSMTH 155	Pre-Algebra B	5
HSMTH 158	Math Fundamentals 1	5
HSMTH 163	Algebra 1A	5
HSMTH 164	Algebra 1B	5
HSMTH 165	Algebra 2A	5
HSMTH 166	Algebra 2B	5
HSMTH 167	Geometry A	5
HSMTH 168	Geometry B	5
HSMTH 172	Basic Consumer Math 1A	5
HSMTH 173	Basic Consumer Math 1B	5
HSMTH 190	Math for College and Career Readiness	5

Natural Science- Twenty (20) high school credits (Must include a Biological and a Physical Science course)

HSSCI 192	Basic Science 1	5
HSSCI 190	Physical Science 1	5
HSSCI 191	Physical Science 2	5
HSSCI 188	Earth Science 1	5
HSSCI 185	Earth Science 2	5
HSSCI 170	Biology 1A	5
HSSCI 196	Health Science	5
HSSCI 171	Biology 1B	5

Social Science- Thirty (30) high school credits (Must include 10 credits of World History and/or World Geography, 10 credits of U.S. History, 5 credits of Government, and 5 credits of Economics)

HSSOC 215	Introduction to Economics	5
HSSOC 218	U.S. History 1: Colonization to Industrialization	5
HSSOC 219	U.S. History 2: Shaping of Modern America	5
HSSOC 222	Government 1: U.S. Federal Government and Politics	5
HSSOC 224	World Geography 1A	5
HSSOC 225	World Geography 1B	5
HSSOC 228	World History	5
HSSOC 231	Modern World History 1	5
HSSOC 232	Modern World History 2	5
HSSOC 221	Psychology	5

Humanities- Ten (10) high school credits

HSART 837	The Film As Art	5
HSART 828	Understanding America Through Art	5
HSOTH 740	Spanish 1	5
HSOTH 742	Spanish 2	5
HSOTH 744	Spanish 4	5
HSOTH 743	Spanish 3	5
HSART 601	Music Theory 1	5

Ethnic Studies- Five (5) credits (Must include 5 credits from Ethnic Studies or courses determined to be equivalent by discipline faculty)

HSSOC 226	Ethnic Studies	5
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Electives- Thirty-five (35) high school credits (May include other High School courses or courses determined equivalent by discipline faculty)

CNSL 305	Orientation to College (same as HSS 770)	0	VBUS 572	Information Technology (IT) Basics Tier 2	0
VMFG 680	Basic Machining Concepts and Operations	0	VBUS 576	Systems and Networking Essentials	0
VHOSP 201	Career Focus - Hospitality Services	0	VBUS 590	Introduction to How to Start a Small Business	0
VHLTH 897	Paraprofessional Mental Health Worker III	0	VAUTO 668	Introduction to Automotive Vehicle Systems	0
VHLTH 896	Paraprofessional Mental Health Worker II	0	VAUTO 670	Preventative Maintenance Inspection	0
VHLTH 895	Paraprofessional Mental Health Worker I	0	VAUTO 672	Engine Repair	0
VHLTH 799	Introduction to Pharmacy Technology (same as PHAR 048)	0	VAUTO 676	Automatic and Manual Transmissions & Transaxles	0
VHLTH 110	Caregiver Training	0	HSS 221	Study Skills 1	5
VHLTH 109	Introduction to Caregiving	0	HSS 222	Study Skills 2	5
VHLTH 102	Certified Nursing Assistant (CNA) Training	0	HSS 090	Leadership Basics, Part 1	5
VFOOD 220	Introduction to Baking & Pastry	0	HSS 092	Leadership Basics, Part 2	5
VFOOD 216	Introduction to Cakes and Decorating	0	HSS 770	Orientation to College (same as CNSL 305)	5
VFOOD 214	Introduction to Bread Making	0			0
VFOOD 212	Baking & Pastry Basics	0	LRN 095	Supervised Tutoring	0
VFOOD 210	ServSafe® Food Protection Manager Certification Exam Preparation, Review, & Practice	0	ABE 010	Money Matters: Financial Literacy	0
VFOOD 200	Line Cook Training	0	ABE 023	Adult Basic Education Reading	0
VFOOD 005	ServSafe® Food Handler	0	ABE 024	Adult Basic Education Writing	0
VFDM 105	Beginning Sewing	0	ABE 025	Adult Basic Education Math	0
VFDM 100	Introduction to the Fashion Industry	0	ABE 027	Academic Vocabulary for Language Arts	0
VDMA 310	Introduction to Digital Media Arts	0	ABE 028	Academic Vocabulary for Math	0
VCNST 630	Heating/Ventilation/Air Conditioning/Refrigeration (HVAC-R) Technology	0	ABE 029	Academic Vocabulary for Science	0
VCNST 620	Vocational Construction Technology Module II	0	ABE 030	Academic Vocabulary for Social Studies	0
VCNST 610	Vocational Construction Technology Module I	0	ABE 031	Academic Vocabulary for Technology	0
VCNST 101	Introduction to Welding	0	ABE 036	Effective Writing for the Workplace	0
VBUS 035	Generative AI for Small Business	0	ABE 044	Leadership Basics Part 1	0
VBUS 118	Microsoft Windows Overview	0	ABE 018	Leadership Basics, Part 2	0
VBUS 124	Introduction to Keyboarding I	0	ABE 046	Attitudes for Success	0
VBUS 125	Introduction to Keyboarding II	0	ABE 111	Spanish Literacy for Adults	0
VBUS 243	Introduction to Customer Service Skills	0	ABE 112	Beginning Spanish Literacy	0
VBUS 244	Introduction to Microsoft Access	0	ABE 113	Intermediate Spanish Literacy	0
VBUS 245	Introduction to Microsoft Publisher	0	ABE 114	Advanced Spanish Literacy	0
VBUS 258	Navigating the Internet	0			
VBUS 259	Orientation to Computers	0			
VBUS 260	Introduction to Microsoft Word	0			
VBUS 281	Introduction to Quickbooks	0			
VBUS 290	Business Terminology	0			
VBUS 303	Adobe Photoshop	0			
VBUS 304	MS PowerPoint	0			
VBUS 262	MS Excel	0			
VBUS 270	Introduction to Microsoft Outlook	0			
VBUS 280	Accounting Terminology	0			
VBUS 400	Employability Skills	0			
VBUS 450	Basic Computer Repair & COMPTIA A+ Certification Preparation	0			
VBUS 500	Digital Literacy for Academic and Professional Success - Tier 1	0			
VBUS 501	Digital Literacy for Academic and Professional Success - Tier 2	0			
VBUS 502	Digital Literacy for Academic and Professional Success - Tier 3	0			
VBUS 503	Digital Literacy for Real World Application – Tier 4	0			
VBUS 559	Business Practices in Family Child Care	0			
VBUS 570	Information Technology (IT) Basics Tier 1	0			

Total: 160

ENGLISH AS A SECOND LANGUAGE (ESL)

ESL Transition to Adult Secondary Education (ASE): Certificate of Competency

Program Code: CEC.ESLTA.COM

Program Control Number: 37200

This combination of courses is designed to transition students to Adult Secondary Education (ASE) courses.

Learning Outcome(s):

1. Students will take academic ESL, basic skill and Career Education courses to be able to take other classes in other programs.

Students must pass this course: Credits: 0

ESL 491 Advanced Grammar Review and Essay Writing 0

Students must pass one course: Credits: 0-5

HSRDG 089 Reading Proficiency Development 5

HSRDG 093 Building Reading Skills 1 5

VBUS 258 Navigating the Internet 0

VBUS 260 Introduction to Microsoft Word 0

LRN 750 Intensive Writing and Grammar 5

Total: 0-5

NONCREDIT COURSES

English As a Second Language

ESL 520

English for Work 2

Formerly: ESL: English for Work 2

Credit(s): 0.0 Class Hours: 96.00-216.00 Lecture total.

Recommended Preparation: English As a Second Language 510 is Recommended.

Prepares intermediate level non-native English speaking students to enter the workforce or a CE/vocational program for general or specific occupations. Focuses on communicating in the workplace, job safety, work-related vocabulary skills, workplace culture/issues, career pathways, and vocational readings with emphasis on verbal communication through intermediate language skills instruction.

Grade: Pass/No Pass Only. Open Entry/Open Exit.

Substantial Disabilities (SSD)

SSD 100

Basic Sign Language Communication for Families of Deaf and Nonverbal Children

Credit(s): 0.0 Class Hours: 60.0 Lecture total.

Designed as an introductory course to teach basic ASL vocabulary and phrases to help students and community members of families communicate with deaf and hard of hearing children and adults with an emphasis on helping parents.

Open Entry/Open Exit

Vocational - Automotive (VAUTO)

VAUTO 670

Introduction to Preventative Maintenance Inspection

Formerly: Preventative Maintenance Inspection

Credit(s): 0.0 Class Hours: 144.0 Lecture total.

This course provides the student with basic knowledge and skills in medium and heavy-duty truck maintenance. Safety, inspections, and hands-on practice are emphasized. Close overview of CHP and DOT safety and maintenance inspection format and records filling. Introduction to Electric heavy-duty vehicles system and inspection. Ten (10) high school elective credits may be awarded if a student passes the course with a minimum grade of 70%. Upon completion of VAUTO 670, students may earn credit for DETT 181 through the credit by exam process.

Vocational - Business (VBUS)

VBUS 124

Introduction to Keyboarding I

Credit(s): 0.0 Class Hours: 60.0 Lecture total.

Recommended Preparation: Completion with a grade of "C" or better or a Passing grade in: VBUS 259 Orientation to Computers

Provides introductory instruction for keyboarding by touch and skill building drills to achieve speed and accuracy. Emphasis is placed on proper posture, typing on a computer without looking at the keyboard, and using proper finger and hand placement. Two high school elective credits may be awarded if a student completes all the required assignments and passes the final exam.

VBUS 125

Introduction to Keyboarding II

Credit(s): 0.0 Class Hours: 60.0 Lecture total.

Recommended Preparation: Completion with a grade of "C" or better or a Passing grade in: VBUS 124

Provides additional practice in keyboarding by touch through the production of business and academic documents and tables. All students learn Microsoft Word as they advance through the course. Extensive accuracy and speed development is offered. Four (4) high school elective credits may be awarded if a student passes the course with a minimum grade of 70% , or achieves a minimum score of 85% on a challenge course by exam..

Open Entry/Open Exit

VBUS 200

Topics in Business Skills

Formerly: Topics in Career Technical Education

Credit(s): 0.0 Class Hours: 12.0-36.0 Lecture total.

Varies according to topic. Specialized courses on topics related to the needs of students in the Vocational Business Skills program.

Open Entry/Open Exit

VBUS 260

Introduction to Microsoft Word

Formerly: Introduction to Word Processing Using MS Word

Credit(s): 0.0 Class Hours: 60.0 Lecture total.

Recommended Preparation: Completion with a grade of "C" or better or a Passing grade in: VBUS 259 Orientation to Computers

This course provides instruction in concepts and techniques of Microsoft Word. Students will learn procedures of creating, editing, and formatting office/business documents of varying complexities. They will create business letters and tables, use mail merge, illustrate documents with graphics, and more. Four high school elective credits may be awarded if a student passes the course with a minimum grade of 70%, or achieves a minimum score of 85% on a challenge course by exam.

VBUS 281

Introduction to Quickbooks

Credit(s): 0.0 Class Hours: 36.0 Lecture total.

Recommended Preparation: Completion with a grade of "C" or better or a Passing grade in: VBUS 280

This course is for students who want to learn how to navigate the basic features of Quickbooks such as creating and paying bills, creating invoices, and more. These skills and knowledge provide the foundation for the study and application of QuickBooks accounting systems. Students who pass this course will be prepared to transition into VBUS 282 Quickbooks I which is equivalent to Santa Ana College's Accounting 035 Quickbooks I course. Two (2) high school elective credits may be awarded if a student passes the course with a minimum grade of 70%.

Open Entry/Open Exit

VBUS 290**Business Terminology**Credit(s): 0.0 Class Hours: 36.0 Lecture total.

An introductory course to commonly used business terms with the intent of helping students develop a viable business vocabulary and how they can be effectively used in the workplace and for career advancement. Students may be awarded 2 high school elective credits if they complete and pass all course assignments and requirements.

*Open Entry/Open Exit***VBUS 310****Foundations of Human Resources**Credit(s): 0.0 Class Hours: 60.0 Lecture total.

This course is designed to teach the foundational knowledge and professional skills necessary to help those enter the Human Resources (HR) field. This course provides an overview of the Human Resources management function in areas that are critical to the success of any HR practitioner. Students will learn hands-on recruiting and performance management and their practical applications. Course participants will acquire customer service, interpersonal, written and verbal communication, time management, teamwork and collaboration skills. HR Apprenticeship students are required to participate in this certificate program. Students may be awarded 4 high school elective credits if they complete and pass all course assignments and requirements.

VBUS 311**Human Resources Compliance**Credit(s): 0.0 Class Hours: 60.0 Lecture total.

This course is designed to teach the student the legal framework within the human resources (HR) function and the alignment with risk management principles associated with managing people. This course provides an overview of employment law and the relevant labor and employee relations principles that govern employment across the United States. Additionally, students will learn the intersection of appropriate risk mitigation related to employment. HR Apprenticeship students are required to participate in this certificate program. Students may be awarded 4 high school elective credits if they complete and pass all course assignments and requirements.

VBUS 312**Human Resources Operations**Credit(s): 0.0 Class Hours: 60.0 Lecture total.

This course is designed to teach the foundational knowledge of the Human Resources Operations Function. This course provides an overview of the Human Resources (HR) operations function in areas that are critical to the success of any HR Operations practitioner. Students will learn hands-on promising practices for HR Policy and procedure, human resources information systems (HRIS), payroll, benefits and compensation to support the organization's objectives and meet the needs of employees. HR Apprenticeship students are required to participate in this course for the certificate program. Students may be awarded 4 high school elective credits if they complete and pass all course assignments and requirements.

VBUS 313**Certified Human Resources Professional (SHRM-CP) Exam Preparation & Practice**Credit(s): 0.0 Class Hours: 60.0 Lecture total.

Society for Human Resources Management's SHRM-CP credential is designed to help human resources (HR) professionals assume more-strategic leadership positions and perform more effectively as they earn a certification recognized worldwide for its focus on behavioral competencies as well as technical HR knowledge. This course prepares students for the certification exam by reviewing SHRM's Body of Applied Skills and Knowledge (BASK) included in the exam which identifies nine key behavioral competencies and 14 HR functional areas that are critical to the success of any HR practitioner. Students who pursue this certificate are not required to have any experience in the field. HR Apprenticeship students are required to participate in this certificate program. Students may be awarded 4 high school elective credits if they complete and pass all course assignments and requirements.

VBUS 400**Employability Skills**Credit(s): 0.0 Class Hours: 72.0 Lecture total.

Employers across all industries are looking to hire, retain, and promote individuals who possess the powers skills (character traits and interpersonal skills) that will make them more productive and efficient workers. Therefore, this course prepares students with the power skills that are necessary and in demand to succeed in the rapidly changing workplace and global economy of the 21st century. In addition, the course reviews workforce preparation such as writing a resume and cover letter, interview techniques, elevator pitch, and career assessments. Five high school elective credits may be awarded if a student passes the course with a minimum grade of 70%.

*Open Entry/Open Exit***VBUS 559****Business Practices in Family Child Care**Credit(s): 0.0 Class Hours: 36.0 Lecture total.

Provides potential family child care providers with information and skills necessary for successful operation of a family child care business. May earn two (2) high school elective credits if a student passes the course with a minimum grade of 70%.

*Open Entry/Open Exit***VBUS 590****Introduction to How to Start a Small Business**Credit(s): 0.0 Class Hours: 72.0 Lecture total.

Provides an introductory series of classes each designed to teach practical, hands-on small business management skills and focusing on specific topics addressing the needs of individuals desiring to start a small business. Course sessions are taught in various languages including, but not limited to, English, Spanish, and Vietnamese. Five high school elective credits may be awarded if a student passes the course with a minimum grade of 70%.

Open Entry/Open Exit

Vocational - Construction (VCNST)

VCNST 610

Vocational Construction Technology Module I

Credit(s): 0.0 Class Hours: 60.0-200.0 Lecture total.

Prerequisite: Completion with a grade of "C" or better or a Passing grade in: VBUS 340 Career Exploration course section that is specifically used for the Vocational Construction Technology program orientation.

Provides basic introduction to construction technology including Occupational Safety and Health Administration (OSHA) standards, CPR and first aid, and the proper use of hand and power tools. Introduces basic theory and tools used with materials. Five (5) high school elective credits may be awarded if a student passes the course with a minimum grade of 70%.

VCNST 620

Vocational Construction Technology Module II

Credit(s): 0.0 Class Hours: 60.0-200.0 Lecture total.

Prerequisite: Completion with a grade of "C" or better or a Passing grade in: VBUS 340 Career Exploration course section that is specifically used for the Vocational Construction Technology program orientation.

Corequisite: Completion with a grade of "C" or better or a Passing grade or Concurrent enrollment in: VCNST 610

This course is a continuation of VCNST 610 Vocational Construction Technology Module I. Students strengthen their skills and knowledge as it pertains to Occupational Safety and Health Administration (OSHA) standards, CPR and first aid, and the proper use of hand and power tools when working with materials. Five (5) high school elective credits may be awarded if a student passes the course with a minimum grade of 70%.

Vocational - Fine Performing Arts (VFPA)

VFPA 150A

Rehearsal and Performance in Production

Credit(s): 0.0 Class Hours: 88.0 Lecture total.

Practical experience in performance production culminating in a series of public performances. All actors must audition and be cast prior to enrolling. Six (6) high school elective credits may be awarded if a student passes the course with a minimum grade of 70%. Upon completion of VFPA 150A, students may earn credit for THEA 150A through the credit by exam process.

VFPA 150B

Technical Theatre in Production

Credit(s): 0.0 Class Hours: 88.0 Lecture total.

Students will gain practical experience in the application of production responsibilities in any of the following: stage management, scenery construction, properties, costuming, lighting, or sound. This course culminates into a series of public performances. All student technicians must obtain instructor approval prior to enrolling. Six (6) high school elective credits may be awarded if a student passes the course with a minimum grade of 70%. Upon completion of VFPA 150B, students may earn credit for THEA 150B through the credit by exam process.

VFPA 152

Tour Ensemble

Credit(s): 0.0 Class Hours: 90.0 Lecture total.

An introduction to theatre performance emphasizing acting techniques as applied to performing a role in multiple venues. Six (6) high school elective credits may be awarded if a student passes the course with a minimum grade of 70%. Upon completion of VFPA 152, students may earn credit for THEA 152 through the credit by exam process.

VFPA 255

Motion Picture Performance Production

Credit(s): 0.0 Class Hours: 126.0 Lecture total.

Practical experience in performance production culminating in a fully produced feature film screened to the public. The final movie presentation becomes the basis for developing an actor reel. Students desiring an acting role must audition. Eight (8) high school elective credits may be awarded if a student passes the course with a minimum grade of 70%. Upon completion of VFPA 255, students may earn credit for THEA 255 through the credit by exam process.

Vocational - Food (VFOOD)

VFOOD 200

Line Cook Training

Credit(s): 0.0 Class Hours: 60.0 Lecture total.

This course provides instruction on the different aspects of food preparation, as well as methods of presenting and serving food properly. Students will also receive training in the following types of cooking stations: grill, pantry, sauté, fry, and preparation. Four (4) high school elective credits may be awarded if a student passes the courses with a minimum grade of 70%.

Open Entry/Open Exit

Vocational - Health (VHLTH)

VHLTH 100

Topics Health Services

Credit(s): 0.0 Class Hours: 12.0-72.0 Lecture total.

Topics taught in this course vary. It's a specialized course that covers topics that are current or immediate needs of students in the Vocational Health program and/or healthcare/medical industry.

Open Entry/Open Exit

VHLTH 101

Overview of the Nursing Assistant Training Program

Credit(s): 0.0 Class Hours: 3.0-10.0 Lecture total.

This course is designed to provide an introduction to the theoretical, skills and clinical requirements for admission into the Nursing Assistant Program. Successful completion of this course is required for admission consideration into the following three courses that make up the Nursing Assistant Program: VHLTH 102 Certified Nursing Assistant Theory, VHLTH 103 Certified Nursing Assistant Skills Lab, and VHLTH 104 Certified Nursing Assistant Clinical. In short, this course serves as a mandatory orientation for the Nursing Assistant Program.

VHLTH 102**Certified Nursing Assistant (CNA) Training - Theory***Formerly: Certified Nursing Assistant (CNA) Training*Credit(s): 0.0 Class Hours: 60.0-110.0 Lecture total.*Prerequisite: Completion with a grade of "C" or better or a Passing grade in: VHLTH 101 Overview of the Nursing Assistant Training Program. VBUS 402 Workforce Power Skills or ESL 520 English for Work 2 (CNA or Healthcare or Medical Professionals).**Corequisite: Completion with a grade of "C" or better or a Passing grade or Concurrent enrollment in: VHLTH 103 VHLTH 104*

This is the theory component of the Certified Nursing Assistant (CNA) Training Program. Designed for students who want to be a CNA. This course provides students with the knowledge and skills to provide basic nursing care to patients/residents. The content includes safety precautions, emergency procedures, infection control and prevention, recognition of abuse and neglect, activities in daily living, personal hygiene, nutrition, body mechanics and transferring a patient. Five (5) high school elective credits may be awarded if a student passes the course with a minimum grade of 75%.

VHLTH 103**Certified Nursing Assistant (CNA) Training- Skills Lab**Credit(s): 0.0 Class Hours: 40.0-60.0 Lecture total.*Prerequisite: Completion with a grade of "C" or better or a Passing grade in: VHLTH 101 Overview of the Nursing Assistant Training Program. VBUS 402 Workforce Power Skills or ESL 520 English for Work 2 (CNA or Healthcare or Medical Professionals)**Corequisite: Completion with a grade of "C" or better or a Passing grade or Concurrent enrollment in: VHLTH 102 VHLTH 104*

This is the skills lab component of the Certified Nursing Assistant (CNA) Training Program. Designed for students who want to be a CNA. This course provides students with the knowledge and skills to provide basic nursing care to patients/residents. The content includes safety precautions, emergency procedures, infection control and prevention, recognition of abuse and neglect, activities of daily living, personal hygiene, nutrition, body mechanics and transferring a patient. Four (4) high school elective credits may be awarded if a student passes the course with a minimum grade of 70%.

VHLTH 104**Certified Nursing Assistant (CNA) Training- Clinical**Credit(s): 0.0 Class Hours: 100.0 Lecture total.*Prerequisite: Completion with a grade of "C" or better or a Passing grade in: VHLTH 101 Overview of the Nursing Assistant Training Program and VBUS 402 Workforce Power Skills or ESL 520 English for Work 2 (CNA or Healthcare or Medical Professionals)**Corequisite: Completion with a grade of "C" or better or a Passing grade or Concurrent enrollment in: VHLTH 102 VHLTH 103*

This is the clinical component of the Certified Nursing Assistant (CNA) Training Program. Designed for students who want to be a CNA. This course provides students with the knowledge and skills to provide basic nursing care to patients/residents. The content includes safety precautions, emergency procedures, infection control and prevention, recognition of abuse and neglect, activities of daily living, personal hygiene, nutrition, body mechanics and transferring a patient. Six (6) high school elective credits may be awarded if a student passes the course with a minimum grade of 70%.

VHLTH 105**Overview of the Acute Care Nursing Assistant Program**Credit(s): 0.0 Class Hours: 3.0-10.0 Lecture total.

This course is designed to provide an introduction to the theoretical, skills and clinical requirements for admission into the Acute Care Nursing Assistant (ACNA) Program. Successful completion of this course and possessing an active California State CNA license or be a recent graduate of a nursing assistant program who passed the California State CNA Exam, but pending certification from California Department of Public Health, is required for admission consideration into the following three courses that make up the ACNA Program: VHLTH 106 Acute Care Certified Nursing Assistant Theory, VHLTH 107 Acute Care Certified Nursing Assistant Skills Lab, and VHLTH 108 Acute Care Certified Nursing Assistant Clinical. In short, this course serves as a mandatory orientation for the ACNA Program.

VHLTH 106**Acute Care Nursing Assistant Theory**Credit(s): 0.0 Class Hours: 30.0-50.0 Lecture total.*Prerequisite: Completion with a grade of "C" or better or a Passing grade in: VHLTH 105 Overview of the Acute Care Nursing Assistant Program. VBUS 402 Workforce Power Skills or ESL 520 English for Work 2 (CNA or Healthcare or Medical Professionals). Must possess valid California Certified Nursing Assistant (CNA) certification for the duration of the program or Be a recent graduate of a nursing assistant program who passed the California State CNA Exam and is pending certification from California Department of Public Health (pending clinical site approval).**Corequisite: Concurrent enrollment in: VHLTH 107 VHLTH 108*

This is the theory component of the Acute Care Nursing Assistant (ACNA) Program. This course is designed to prepare students who have previously received their California Certified Nursing Assistant (CNA) certification to advance their skills and knowledge in providing principles of nursing care to meet patient needs in an acute care setting under the supervision of a licensed Registered or Vocational Nurse. Current California CNA certification is required. Three (3) high school elective credits may be awarded if a student passes the course with a minimum grade of 70%.

VHLTH 107**Acute Care Nursing Assistant Skills Lab**Credit(s): 0.0 Class Hours: 20.0-30.0 Lecture total.*Prerequisite: Completion with a grade of "C" or better or a Passing grade in: VHLTH 105 Overview of the Acute Care Nursing Assistant Program. VBUS 402 Workforce Power Skills or ESL 520 English for Work 2 (CNA or Healthcare or Medical Professionals). Must possess valid California Certified Nursing Assistant (CNA) certification for the duration of the program or Be a recent graduate of a nursing assistant program who passed the California State CNA Exam and is pending certification from California Department of Public Health (pending clinical site approval).**Corequisite: Concurrent enrollment in: VHLTH 106 VHLTH 108*

This is the skills lab component of the Acute Care Nursing Assistant (ACNA) Program. This course is designed to prepare students who have previously received their Certified Nursing Assistant (CNA) certification to advance their skills and knowledge in providing principles of nursing care to meet patient needs in an acute care setting under the supervision of a licensed Registered or Vocational Nurse. Students will receive hands-on experience in the lab and clinical setting that strengthens skills that meet the basic care needs of the patient in an acute care environment. Current California CNA certification is required. Two (2) high school elective credits may be awarded if a student passes the course with a minimum grade of 70%.

VHLTH 108**Acute Care Nursing Assistant Clinical**

Credit(s): 0.0 Class Hours: 50.0-100.0 Lecture total.

Prerequisite: Completion with a grade of "C" or better or a Passing grade in: VHLTH 105 Overview of the Acute Care Nursing Assistant Program. VBUS 402 Workforce Power Skills or ESL 520 English for Work 2 (CNA or Healthcare or Medical Professionals). Passed the California State CNA Exam and is pending certification from California Department of Public Health (pending clinical site approval). Must possess valid California Certified Nursing Assistant (CNA) certification for the duration of the program or be a recent graduate of a nursing assistant program.

Corequisite: Concurrent enrollment in: VHLTH 106 VHLTH 107

This is the clinical component of the Acute Care Nursing Assistant (ACNA) Program. This course is designed to prepare students who have previously received their Certified Nursing Assistant (CNA) certification to advance their skills and knowledge in providing principles of nursing care to meet patient needs in an acute care setting under the supervision of a licensed Registered or Vocational Nurse. Students will receive hands-on experience in the lab and clinical setting that strengthens skills that meet basic care needs of the patient in an acute care environment. Current California CNA certification is required. Students rotate through varying units throughout the acute care setting for hands-on experience and observation. Four (4) high school elective credits may be awarded if a student passes the course with a minimum grade of 70%.

VHLTH 704**Introduction to Biotechnology**

Credit(s): 0.0 Class Hours: 50.0 Lecture total.

This course is a general examination of biology as it relates to the field of biotechnology. Topics include the fundamental chemical processes common in prokaryotic and eukaryotic biology, chemistry of bio-molecules (proteins, enzymes, nucleic acids and lipids), cellular and molecular biology, basic immunology, and classical and molecular genetics with an emphasis on gene expression and genetic engineering.

VHLTH 705**Introductory Biotech Lab**

Credit(s): 0.0 Class Hours: 54.0 Lecture total.

Corequisite: Completion with a grade of "C" or better or a Passing grade or Concurrent enrollment in: VHLTH 704 Introduction to Biotechnology or BIOL 190 Introduction to Biotechnology

This laboratory is a general examination of biology as it relates to the field of biotechnology. The laboratory addresses basic skills and techniques common to the biotechnology industry. Topics include the measurement of activity and quantity of proteins, growth and manipulation of bacteria, genetic engineering and antibody methods. This course is intended as a laboratory class for students majoring in applied biology and as a general education laboratory option for all students. Three (3) high school elective credits may be awarded if a student passes the course with a minimum grade of 70%. Upon completion of VHLTH 705, students may earn credit for BIOL 190L through the credit by exam process.

VHLTH 895**Paraprofessional Mental Health Worker I**

Credit(s): 0.0 Class Hours: 96.0 Lecture total.

Designed to provide students with basic skills for employment as a Paraprofessional Mental Health Worker. The course includes 48 hours of practicum training supervised by a community-based behavioral health clinic or mental health center. May earn five high school elective credits if a student passes the course with a minimum grade of 70%.

Open Entry/Open Exit

Vocational - Hospitality (VHOSP)**VHOSP 201****Career Focus - Hospitality Services**

Credit(s): 0.0 Class Hours: 60.0 Lecture total.

This course provides students with an overview of the diverse career opportunities in food and lodging services. Students will develop a personal educational preparation and career plan. Topics include food service operations, management basics, and the hotel and lodging industry. The course also covers aspects of hospitality management, such as business structures and operations, human resources, and workplace safety. Students may be awarded 4 high school elective credits if they complete and pass all course assignments and requirements. Four high school elective credits may be awarded if a student passes the course with a minimum grade of 70%.

Open Entry/Open Exit