

Degrees and Certificates

Accounting - Associate in Science.....	118	Business: Management - Associate in Science.....	145
Accounting - Certificate of Achievement.....	118	Business: Marketing - Associate in Science.....	145
Accounting: Bookkeeping - Certificate of Achievement.....	119	Business: Sales and Marketing - Certificate of Accomplishment.....	146
Administration of Justice - Associate in Science.....	119	Business: Supervisory Management - Certificate of Accomplishment.....	146
Administration of Justice - Associate in Science for Transfer...	120	Career Preparation - Certificate of Completion.....	147
Advanced ESL - Certificate of Competency.....	120	Ceramics - Certificate of Achievement.....	147
Advanced Noncredit ESL - Certificate of Completion.....	121	Chemistry - Associate in Arts.....	147
Agribusiness: Enology/Viticulture - Associate in Arts.....	121	Chemistry - Associate in Science for Transfer.....	148
Agribusiness: Pairing Wine and Food - Certificate of Accomplishment.....	122	Clothing Alterations Management - Certificate of Competency.....	148
Agribusiness: Viticulture - Associate in Science.....	122	Clothing Construction - Certificate of Competency.....	149
Agribusiness: Viticulture - Certificate of Achievement.....	123	Commercial Dance - Certificate of Achievement.....	149
Agribusiness: Wine Business - Associate in Science.....	124	Commercial Truck Driving - Certificate of Competency.....	150
Agribusiness: Wine Business - Certificate of Achievement.....	124	Commercial Truck Driving - Certificate of Completion.....	150
Agricultural Business - Associate in Science for Transfer.....	125	Communication Skills for Public Safety and Health Professionals - Certificate of Accomplishment.....	151
Agricultural Plant Science - Associate in Science for Transfer.....	126	Communication Skills for the Business Professional - Certificate of Accomplishment.....	151
Agricultural Science - Associate in Science.....	127	Communication Skills for the Professional Speaker - Certificate of Accomplishment.....	151
Agricultural Science - Certificate of Achievement.....	128	Communication Studies - Associate in Arts for Transfer.....	151
Anthropology - Associate in Arts for Transfer.....	128	Computer Applications and Office Management - Associate in Science.....	152
Architectural Drafting - Associate in Science.....	129	Computer Applications and Office Management - Certificate of Achievement.....	153
Architectural Drafting - Certificate of Accomplishment.....	130	Computer Business Information Systems - Associate in Science.....	153
Art - Associate in Arts.....	130	Computer Business Information Systems - Certificate of Achievement.....	154
Art: Studio Arts - Associate in Arts for Transfer.....	131	Computer Business Information Systems: Database Administration - Certificate of Accomplishment.....	154
Auto Body Metal - Certificate of Achievement.....	132	Computer Business Information Systems: Information Architecture - Certificate of Accomplishment.....	154
Auto Body Refinishing - Certificate of Accomplishment.....	133	Computer Business Information Systems: Information Technology Fundamentals - Certificate of Accomplishment.....	155
Auto Body Technology - Associate in Science.....	133	Computer Business Information Systems: Office Software Support - Certificate of Accomplishment.....	155
Automotive Technology: Auto Engine Rebuilding - Associate in Science.....	133	Computer Business Information Systems: Small Business Web Master - Certificate of Accomplishment.....	156
Automotive Technology: Auto Service Management - Associate in Science.....	134	Computer Business Office Software - Certificate of Accomplishment.....	156
Automotive Technology: Auto Tune Up and Diagnostic Procedures - Associate in Science.....	135	Computer Business Office Technology: Administrative Office Skills - Certificate of Accomplishment.....	157
Automotive Technology: Automotive Chassis - Associate in Science.....	136	Computer Business Office Technology: Legal Secretarial - Associate in Science.....	157
Automotive Technology: General Technician Engine, Power Trains Specialist - Certificate of Achievement.....	137	Computer Business Office Technology: Legal Secretarial - Certificate of Achievement.....	157
Automotive Technology: General Technician Tune Up Emission Control Specialist - Certificate of Achievement.....	137	Computer Business Office Technology: Office Skills - Certificate of Accomplishment.....	158
Basic ESL - Certificate of Competency.....	138	Computer Business Office Technology: Word/Information Processing - Associate in Science.....	158
Basic Law Enforcement Academy - Certificate of Achievement.....	138	Computer Business Office Technology: Word/Information Processing - Certificate of Achievement.....	159
Basic Noncredit ESL - Certificate of Completion.....	139	Computer Business Presentations and Publishing - Certificate of Accomplishment.....	159
Basic Skills - Certificate of Competency.....	139	Computer Science - Associate in Arts.....	160
Beginning Computer Skills - Certificate of Completion.....	140	Computer Science - Associate in Science for Transfer.....	160
Biology - Associate in Arts.....	140	Core Custody Academy - Certificate of Accomplishment.....	161
Biology - Associate in Science for Transfer.....	140		
Business - Certificate of Achievement.....	141		
Business Administration - Associate in Arts.....	142		
Business Administration - Associate in Science for Transfer...	142		
Business Law - Certificate of Accomplishment.....	143		
Business: Customer Service - Certificate of Accomplishment.....	143		
Business: Executive Leadership - Certificate of Accomplishment.....	144		
Business: Human Resource Management - Certificate of Accomplishment.....	144		

Cosmetology - Associate in Science.....	161	Emergency Medical Services Academy - Certificate of	
Cosmetology - Certificate of Achievement.....	162	Accomplishment.....	190
Crop Protection - Certificate of Achievement.....	162	Emergency Medical Services: Advanced Cardiac Life Support -	
Culinary Arts and Management - Associate in Science.....	162	Certificate of Accomplishment.....	190
Culinary Arts and Management: Baking - Certificate of		Emergency Medical Services: Emergency Medical Technician 1	
Accomplishment.....	163	Basic - Certificate of Accomplishment.....	191
Culinary Arts and Management: Catering and Events		Emergency Medical Services: Emergency Medical Technician 1	
Management - Certificate of Accomplishment.....	164	Basic Refresher - Certificate of Accomplishment.....	191
Culinary Arts and Management: Food Production Supervision -		Emergency Medical Services: First Responder Update -	
Certificate of Accomplishment.....	164	Certificate of Accomplishment.....	192
Culinary Arts and Management: Food Services Production -		Emergency Medical Services: Paramedic Training - Certificate of	
Certificate of Accomplishment.....	165	Achievement.....	192
Culinary Arts and Management: Restaurant Management -		Engineering - Associate in Arts.....	192
Certificate of Achievement.....	165	Engineering Drafting - Certificate of Accomplishment.....	193
Culinology - Associate in Arts.....	166	Engineering Technology - Associate in Science.....	194
Dance - Associate in Arts.....	166	Engineering Technology w/Emphasis in Mechatronics - Associate	
Dance - Certificate of Achievement.....	167	in Science.....	194
Dental Assisting - Associate in Science.....	168	Engineering Technology w/Emphasis in Mechatronics - Certificate	
Dental Assisting - Certificate of Achievement.....	169	of Achievement.....	196
Drama - Certificate of Accomplishment.....	169	Engineering Technology: Civil Engineering - Associate in	
Early Childhood Education - Associate in Science for		Science.....	197
Transfer.....	170	English - Associate in Arts.....	197
Early Childhood Studies: Elementary Education - Associate in		English - Associate in Arts for Transfer.....	198
Science.....	171	English as a Second Language - Certificate of	
Early Childhood Studies: Elementary Education - Certificate of		Accomplishment.....	199
Achievement.....	172	Entrepreneurship - Associate in Science.....	199
Early Childhood Studies: Elementary Education with Bilingual/		Entrepreneurship and Small Business Management - Certificate	
Bicultural Emphasis - Associate in Science.....	173	of Achievement.....	200
Early Childhood Studies: Elementary Education with Bilingual/		Environmental Health & Safety - Associate in Science.....	200
Bicultural Emphasis - Certificate of Achievement.....	174	Environmental Health & Safety - Certificate of Achievement.....	201
Early Childhood Studies: General - Associate in Science.....	174	Environmental Health & Safety: Hazardous Materials General	
Early Childhood Studies: General - Certificate of		Site Worker - Certificate of Accomplishment.....	202
Achievement.....	175	Environmental Health & Safety: HAZWOPER Refresher 8 Hour -	
Early Childhood Studies: Program Director/Administration		Certificate of Accomplishment.....	202
Emphasis - Associate in Science.....	176	Environmental Health and Safety Technician - Certificate of	
Early Childhood Studies: Program Director/Administration		Accomplishment.....	202
Emphasis - Certificate of Achievement.....	177	Family and Consumer Science: Fashion Merchandising -	
Early Childhood Studies: Special Education - Associate in		Certificate of Accomplishment.....	203
Science.....	178	Family and Consumer Science: Interior Design Merchandising -	
Early Childhood Studies: Special Education - Certificate of		Associate in Science.....	203
Achievement.....	179	Family and Consumer Science: Interior Design Merchandising -	
Electronic Engineering Technology - Associate in Science.....	180	Certificate of Achievement.....	204
Electronics Technology - Associate in Science.....	180	Family and Consumer Sciences General - Associate in	
Electronics Technology: Digital Systems Technician - Certificate		Science.....	205
of Achievement.....	181	Family Childcare License Preparation - Certificate of	
Electronics Technology: Electronic Training - Certificate of		Competency.....	206
Achievement.....	182	Fashion Studies - Associate in Science.....	206
Electronics Technology: Mechatronics - Associate in		Fashion Studies - Certificate of Achievement.....	206
Science.....	182	Film and Video Production - Associate in Science.....	207
Electronics Technology: Mechatronics - Certificate of		Film and Video Production - Certificate of Achievement.....	208
Achievement.....	183	Fire Technology - Associate in Science.....	209
Electronics Technology: Network Maintenance and Digital		Fire Technology - Certificate of Achievement.....	209
Technologies - Associate in Science.....	185	Firefighter Academy - Certificate of Accomplishment.....	210
Electronics Technology: Network Maintenance and Digital		Floral Design - Certificate of Completion.....	210
Technologies - Certificate of Achievement.....	186	Geography - Associate in Arts for Transfer.....	210
Elementary Teacher Education - Associate in Arts for		Global Studies - Associate in Arts.....	211
Transfer.....	186	Green Landscaping and Gardening - Certificate of	
Emergency Medical Services - Associate in Science.....	188	Competency.....	212
Emergency Medical Services - Certificate of Achievement.....	189	History - Associate in Arts for Transfer.....	212
		Human Services: Addiction Studies - Associate in Science.....	213

Human Services: Addiction Studies - Certificate of Achievement.....	214	Media Arts: Graphic Design - Certificate of Achievement.....	242
Human Services: Addiction Studies Advanced - Certificate of Accomplishment.....	215	Media Arts: Multimedia - Associate in Science.....	243
Human Services: Addiction Studies Basic - Certificate of Accomplishment.....	216	Media Arts: Photography - Associate in Science.....	245
Human Services: Addiction Studies Foundation - Certificate of Accomplishment.....	216	Media Arts: Visual Design - Certificate of Achievement.....	246
Human Services: Advanced Helping Skills 1 - Certificate of Accomplishment.....	216	Media Arts: Web Design - Certificate of Achievement.....	246
Human Services: Advanced Helping Skills 2 - Certificate of Accomplishment.....	217	Medical Assisting - Certificate of Achievement.....	246
Human Services: Co Occuring Disorders - Certificate of Achievement.....	217	Medical Billing and Coding - Certificate of Achievement.....	247
Human Services: Family Services Worker 1 - Certificate of Accomplishment.....	218	Microsoft Office Basics - Certificate of Completion.....	247
Human Services: Family Services Worker 2 - Certificate of Accomplishment.....	219	Music - Associate in Arts.....	248
Human Services: Family Services Worker 3 - Certificate of Accomplishment.....	220	Nursing: 30 Unit Option - Certificate of Achievement.....	249
Human Services: Family Studies - Certificate of Achievement.....	220	Nursing: Certified Home Health Aide - Certificate of Accomplishment.....	250
Human Services: General - Associate in Science.....	221	Nursing: Certified Nursing Assistant (CNA) - Certificate of Accomplishment.....	250
Human Services: General - Certificate of Achievement.....	222	Nursing: EKG/Monitor Observer - Certificate of Accomplishment.....	250
Human Services: Specialized Helping Approaches - Certificate of Accomplishment.....	223	Nursing: Licensed Vocational Nursing - Associate in Science.....	250
Income Tax Preparation - Certificate of Competency.....	223	Nursing: Licensed Vocational Nursing - Certificate of Achievement.....	251
Information Security for Business - Certificate of Accomplishment.....	224	Nursing: Registered Nursing (LVN to RN) - Associate in Science.....	252
Introduction to Early Childhood Studies - Certificate of Competency.....	224	Nursing: Restorative Aide - Certificate of Accomplishment.....	253
Kinesiology - Associate in Arts.....	224	Nutrition and Dietetics - Associate in Science for Transfer.....	253
Kinesiology - Associate in Arts for Transfer.....	225	Office Systems Analysis - Certificate of Accomplishment.....	254
Latino/a Studies - Associate in Arts.....	226	Paralegal Studies - Associate in Science.....	254
Liberal Arts: Arts & Humanities (Nontransfer) - Associate in Arts.....	227	Paralegal Studies - Certificate of Achievement.....	255
Liberal Arts: Arts and Humanities (Transfer) - Associate in Arts.....	228	Pest Control Adviser Preparation - Certificate of Achievement.....	255
Liberal Arts: Mathematics & Science (Nontransfer) - Associate in Arts.....	230	Philosophy - Associate in Arts for Transfer.....	256
Liberal Arts: Mathematics & Science (Transfer) - Associate in Arts.....	231	Physics - Associate in Arts.....	257
Liberal Arts: Social & Behavioral Sciences (Nontransfer) - Associate in Arts.....	232	Physics - Associate in Science for Transfer.....	257
Liberal Arts: Social and Behavioral Sciences (Transfer) - Associate in Arts.....	233	Political Science - Associate in Arts for Transfer.....	258
Liberal Studies: Elementary Teacher Preparation - Associate in Arts.....	235	Psychology - Associate in Arts.....	259
Machining & Manufacturing Technology - Associate in Science.....	236	Psychology - Associate in Arts for Transfer.....	260
Machining & Manufacturing Technology - Certificate of Achievement.....	237	Recreation Management - Associate in Science.....	260
Mathematics - Associate in Science for Transfer.....	237	Recreation Management - Certificate of Achievement.....	261
Mathematics with Computer Science Emphasis - Associate in Arts.....	238	Secondary Education/High School Equivalency Exam Preparation - Certificate of Competency.....	262
Mathematics with Physics Emphasis - Associate in Arts.....	238	Social Justice Studies: LGBTQ Studies - Associate in Arts for Transfer.....	262
Media Arts: Animation - Associate in Science.....	239	Social Science - Associate in Arts.....	263
Media Arts: Commercial Photography - Certificate of Achievement.....	240	Sociology - Associate in Arts for Transfer.....	263
Media Arts: Graphic Design - Associate in Science.....	240	Sound Technology - Certificate of Achievement.....	264
		Spanish - Associate in Arts.....	265
		Spanish - Associate in Arts for Transfer.....	266
		Spanish Language Skills: Advanced Level - Certificate of Accomplishment.....	267
		Spanish Language Skills: Elementary Level - Certificate of Accomplishment.....	267
		Spanish Language Skills: Intermediate Level - Certificate of Accomplishment.....	267
		Speech Communication - Associate in Arts.....	268
		Sports Medicine - Associate in Science.....	268
		State Hospital Academy - Certificate of Achievement.....	269
		Theatre Arts - Associate in Arts for Transfer.....	269
		Theatre: Design/Technical Theatre - Certificate of Achievement.....	270
		Theatre: Professional Acting - Certificate of Achievement.....	271

Transfer Studies CSU General Education Breadth - Certificate of Achievement.....	272
Transfer Studies Intersegmental General Education Transfer Curriculum - Certificate of Achievement.....	272
Transfer Studies UC/CSU (Math, Engineering, and Science Majors) - Certificate of Achievement.....	273
Two Dimensional Studio Art - Certificate of Achievement.....	273
Veterinary Technology - Certificate of Achievement.....	273
Vocational ESL Family Childcare License Preparation - Certificate of Competency.....	274
Vocational ESL Introduction to Early Childhood Studies - Certificate of Competency.....	275
Welding Technology - Associate in Science.....	275
Welding Technology - Certificate of Achievement.....	276
Welding: Metal Fabrication - Certificate of Achievement.....	277
Welding: Pipe Welding Technology - Certificate of Achievement.....	277
Wildland Fire Technology - Associate in Science.....	277
Wildland Fire Technology - Certificate of Achievement.....	278

Accounting

Award Type: Associate in Science

All businesses need accounting information to measure their profitability, solvency, and liquidity. Accounting is known as the language of businesses and without it, businesses would not be able to communicate with leaders, stakeholders, and government authorities. The program focuses on traditional financial, managerial, and tax accounting principles and techniques. Coursework is sequenced in building blocks of knowledge and skills with an emphasis on learning by doing. The associate degree in accounting prepares students for entry-level positions and professional advancement in public, private, and government accounting. Entry-level opportunities consist of positions such as accounts payable/receivable clerk, payroll accountant, accounting paraprofessional, tax examiner assistant, and junior cost accountant. This is a tech prep program.

The graduate of the Associate in Science in Accounting will:

- Record common bookkeeping and accrual transactions in an accounting information system.
- Explain and analyze business transactions involving assets, liabilities, equities, revenues and expenses
- Prepare and read a set of financial statements consisting of an income statement, balance sheet, statement of stockholders' equity and statement of cash flows.
- Perform common managerial/cost accounting analyses to help managers make better decisions.
- Be proficient in the use of computer applications such as QuickBooks, Excel, and Access.
- Perform an effective analysis of financial statement information.
- Prepare a basic individual and small business tax return and assist an individual or small business owner with common tax issues.
- Additional learning outcomes unique to the accounting or bookkeeping certificates: Explain, analyze and record payroll tax transactions.

Program Requirements

A major of 30 units is required for the associate in science degree.

Required core courses (24 units):

Course Number	Course Title	Units
ACCT 131	Financial Accounting 1	3.0
ACCT 132	Financial Accounting 2	3.0
ACCT 140	Managerial Accounting	3.0

ACCT 150	Introduction to Accounting Information Systems	3.0
ACCT 160	Introduction Financial Statement Analysis	3.0
ACCT 170	Introduction to Tax Accounting	3.0
BUS 101	Introduction to Business	3.0
CBIS 141	Microsoft Excel-Comprehensive	3.0

Plus a minimum of 6 units selected from the following:

Course Number	Course Title	Units
BUS 104	Business Organization and Management	3.0
BUS 107	Human Relations in Business	3.0
BUS 110	Business Law	3.0
BUS 130	Consumer & Family Finance	3.0
BUS 140	Survey of International Business	3.0
BUS 160	Business Communications	3.0
CBIS 142	Microsoft Access-Comprehensive	3.0

Accounting

Award Type: Certificate of Achievement

This program is designed for students preparing for, or advancing in careers in accounting and related finance careers. The program is designed to prepare students a variety of beyond entry level positions such as office manager, accounting supervisor, cost accountant, tax preparer, financial statement analyst, auditor, and commercial banker. Completion of this certificate will indicate to employers that these students have demonstrated proficiency in financial accounting, managerial accounting, tax accounting, and computer applications used in the accounting process such as QuickBooks (computer accounting software) and Excel (spreadsheet software).

The graduate of the Certificate of Achievement in Accounting will:

- Record common bookkeeping and accrual transactions in an accounting information system.
- Explain and analyze business transactions involving assets, liabilities, equities, revenues and expenses.

- Prepare and read a set of financial statements consisting of an income statement, balance sheet, statement of stockholders' equity and statement of cash flows.
- Perform common managerial/cost accounting analyses to help managers make better decisions.
- Prepare a basic individual and small business tax return and assist an individual or small business owner with common tax issues.
- Be proficient in the use of computer applications such as QuickBooks and Excel.
- Perform an effective analysis of financial statement information.

Program Requirements

A total of 21 units is required for the certificate.

Required core courses (21 units):

Course Number	Course Title	Units
ACCT 131	Financial Accounting 1	3.0
ACCT 132	Financial Accounting 2	3.0
ACCT 140	Managerial Accounting	3.0
ACCT 150	Introduction to Accounting Information Systems	3.0
ACCT 160	Introduction to Financial Statement Analysis	3.0
ACCT 170	Introduction to Tax Accounting	3.0
CBIS 141	Microsoft Excel-Comprehensive	3.0

Accounting: Bookkeeping

Award Type: Certificate of Achievement

This program is designed for students preparing for, or advancing in careers in accounting and related business careers. The program is designed to prepare students a variety of beyond entry level positions such as office manager, accounts payable and accounts receivable supervisor, and accounting supervisor. Completion of this certificate will indicate to employers that these students have demonstrated proficiency in bookkeeping, payroll tax, and computer applications used in the accounting process such as QuickBooks (computer accounting software), Excel (spreadsheet software).

The graduate of the Certificate of Achievement in Accounting: Bookkeeping will:

- Record common bookkeeping and accrual transactions in an accounting information system.

- Explain and analyze business transactions involving assets, liabilities, equities, revenues and expenses.
- Prepare and read a set of financial statements consisting of an income statement, statement of owner's equity, and balance sheet
- Be proficient in the use of computer applications such as QuickBooks and Excel.

Program Requirements

A total of 18 units is required for the certificate.

Required core courses (18 units):

Course Number	Course Title	Units
ACCT 105	Introduction to Accounting	3.0
ACCT 317	Bookkeeping 1	3.0
ACCT 318	Bookkeeping 2	3.0
ACCT 327	Payroll Accounting	3.0
ACCT 150	Introduction to Accounting Information Systems	3.0
CBIS 141	Microsoft Excel-Comprehensive	3.0

Administration of Justice

Award Type: Associate in Science

This degree provides an educational foundation for persons aspiring to careers in law enforcement, probation, parole, court administration, corporate security or custodial corrections. Students intending to transfer to a four-year institution should discuss their programs with a counselor.

The graduate of the Associate in Science in Administration of Justice will:

- Have a fundamental knowledge of the criminal justice system and its primary components.

Program Requirements

A major of 27 units is required for the degree.

Course Number	Course Title	Units
AJ 101	Introduction to Criminal Justice	3.0
AJ 102	Criminal Procedures	3.0
AJ 103	Concepts of Criminal Law	3.0
AJ 104	Legal Aspects of Evidence	3.0
AJ 105	Community Relations	3.0

Plus a minimum of 12 units selected from Administration of Justice courses. Students are encouraged to discuss additional course choices with a member of the department and to focus their work upon their area of interest.

Administration of Justice

Award Type: Associate in Science for Transfer

The Associate in Science in Administration of Justice for Transfer degree provides an educational foundation for persons aspiring to careers in law enforcement, probation, parole, court administration, corporate security or custodial corrections. The Associate in Science in Administration of Justice for Transfer will prepare students for further studies toward a California State University (CSU) baccalaureate degree in Administration of Justice or Criminology. Associate Degree for Transfer Requirements Completion of 60 semester units that are eligible for transfer to the California State University, including the following: 1. Completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE). 2. A minimum of 18 semester units in a major or area of emphasis as determined by the community college district. 3. Obtainment of an overall minimum grade point average of 2.0. 4. Minimum grade of C (or P grade if taken on a pass/no pass basis) for each course in the major. [The following Allan Hancock College graduation requirements will not be required: Health and Wellness, Multicultural Gender Studies and Allan Hancock College General Education.]

The graduate of the Associate in Science for Transfer in Administration of Justice will:

- Understand the interdisciplinary nature of criminal justice issues in law enforcement, courts, and corrections.
- Effectively communicate key terms, concepts, and theories in criminal justice.
- Reflect critically on criminal justice policy and its relationship in society.

Program Requirements

A major of 18 units is required for the degree.

Required core courses (6 units):

Course Number	Course Title	Units
AJ 101	Introduction to Criminal Justice	3.0
AJ 103	Concepts of Criminal Law	3.0

Plus four courses (12 units) from the following

Course Number	Course Title	Units
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AJ 102	Criminal Procedures	3.0
AJ 104	Legal Aspects of Evidence	3.0
AJ 105	Community Relations	3.0
AJ 111	Criminal Investigation	3.0
AJ 120	Juvenile Law and Procedures	3.0
AJ 130	Introduction to Corrections	3.0
AJ 150	Introduction to Forensics	3.0

General Education

Complete one of the following:

- a) CSU General Education Breadth - 39 units
or
b) Intersegmental General Education Transfer Curriculum (IGETC) - 37 units

Double counting:

A maximum of 6 units may be double counted for the major and CSU GE or IGETC.

Select additional CSU transferrable units as needed to achieve 60 units required for the degree.

Visit [myHancock](#) and visit the [DegreeWorks](#) icon to view CSU or IGETC general education and transferrable courses.

Advanced ESL

Award Type: Certificate of Competency

The Noncredit English as a Second Language (NESL) advanced certificate is designed for non-native English-speaking students who want to read, write, listen, and speak in English at the high-intermediate/advanced level. These skills provide academic, vocational, career, and life-skills pathways towards college credit classes to obtain a credit certificate or degree, and/or jobs that require higher-level English communication skills. Along with Intro to English C and D, students must select one of the following courses: NESL 7009 Bridge from Noncredit to Credit Course, NESL 7041 Conversation for Intermediate ESL, NESL 7060 ESL Instructional Lab, NESL 550 Fundamentals of Grammar, NESL 551 Intermediate Grammar, or NESL 552 Advanced Grammar. Classes and labs are tuition-free.

The graduate of the Certificate of Competency in Advanced ESL will:

- Reflect language proficiency skills in reading, writing, listening to, and speaking English at the Advanced ESL Certificate of Competency level.
- Reflect language proficiency skills in grammatical contexts at the Advanced ESL Certificate of Competency level.
- Reflect conversational and pronunciation proficiency skills at the Advanced ESL Certificate of Competency level.

Program Requirements

Required Courses

Course Number	Course Title	Units
NESL 7005	Introduction to English C	84.0 - 102.0 hours
NESL 7007	Introduction to English D	84.0 - 102.0 hours

In addition to the courses above, one additional course is required. Select from one of the following courses:

Course Number	Course Title	Units
NESL 7009	Bridge from Noncredit to Credit Course	84.0 - 102.0 hours
NESL 7041	Conversations for Intermediate ESL	28.0 - 48.0 hours
NESL 7060	ESL Instructional Lab	8.0 hours
NESL 550	Fundamentals of Grammar	
NESL 551	Intermediate Grammar	
NESL 552	Advanced Grammar	

Advanced Noncredit ESL

Award Type: Certificate of Completion

Noncredit English as a Second Language certificates are designed for non-native English speaking students who want to effectively read, write, listen to, and speak the English language. These skills will help students to bridge the gap from survival communication skills to adequate competency for functioning in an English-speaking work and school environment. They also help students to transition to the college credit ESL program to pursue credit classes as needed to obtain an associate degree and/or jobs that require higher-level English communication skills. An ESL Computer Language Lab complements the classroom instruction and provides an opportunity to practice English skills using computer software. Classes and lab use are free.

The graduate of the Certificate of Completion in Advanced Noncredit ESL will:

- have core competencies at the certificate level in reading, writing, listening to, and speaking English in order to achieve their personal, vocational, and academic goals.

Program Requirements

The number of hours for the certificate of completion is up to 416 hours.

Course Number	Course Title	Hours
NESL 7005	Introduction to English C	84.0 - 102.0 hours
NESL 7007	Introduction to English D	84.0 - 102.0 hours
NESL 7060	ESL Instructional Lab	8.0 hours

Agribusiness: Enology/Viticulture

Award Type: Associate in Arts

The associate degree program is designed to prepare students for upper division course work leading to a baccalaureate degree in enology or viticulture. The curriculum prepares students for entry level and advanced positions in the wine industry including wine production, quality assurance and control, cellar supervision, vineyard management, research, and grape production.

The graduate of the Associate in Arts in Agribusiness: Enology/Viticulture will:

- Demonstrate an understanding of the yearly cycle in the vineyard.
- Describe and demonstrate proficiency in pruning, irrigation, canopy management, pest and disease control, fruit quality assessment and determining time of optimal harvest.
- Demonstrate the ability to make sound viticultural decisions during the entire year to ensure quality fruit and healthy vines.
- Make appropriate additions to maintain wine stability and to determine the optimum time to bottle and release the wine.
- Make sound enological decisions during the course of the entire year (or years to bottling) to ensure wine quality and a clean, safe winery workplace.

Program Requirements

A major of 22 units is required for the associate in arts degree.

Required core courses (14 units):

Course Number	Course Title	Units
VEN 101	Introduction to Winemaking/Enology	3.0
VEN 102	Introduction to Viticulture	3.0
VEN 310	Winemaking Operations I	2.0
VEN 311	Winemaking Operations II	2.0
CHEM 120	Introductory Chemistry	4.0

Plus a minimum of 8 units selected from the following:

Course Number	Course Title	Units
VEN 103	Sensory Evaluation of Wine	3.0
VEN 114	Wine Business	3.0
AG 125	Soils and Plant Nutrition	4.0
VEN 135	Grapevine Physiology	1.0
AG 315	Fertilizers & Plant Nutrition	4.0
BIOL 128	Microbiology	4.5
BIOL 154	General Botany	5.0
BUS 121	Business Economics	3.0
	or	
ECON 121	Business Economics	3.0
CHEM 140	Introductory Organic Chemistry	4.0
CHEM 150	General Chemistry 1	5.0
CHEM 151	General Chemistry 2	5.0
MATH 135	Calculus with Applications	4.0
MATH 181	Calculus 1	4.0
MATH 182	Calculus 2	4.0
PHYS 141	General Physics 1	4.0
PHYS 142	General Physics 2	4.0

Agribusiness: Pairing Wine and Food

Award Type: Certificate of Accomplishment

Designed to train students to evaluate the sensory components of different styles of wines from several grape-growing regions and to plan and prepare specific dishes that complement each wine.

The graduate of the Certificate of Accomplishment in Agribusiness: Pairing Wine and Food will:

- Analyze and suggest appropriate and innovative food pairings to most common wines.
- Be able to prepare these foods and comment about the pairings possibilities.
- Identify characteristics of wine from different cultivars and regions.
- Evaluate the sensory components of different wines.

Program Requirements

A total of 3 units is required for the certificate. Required core courses:

Course Number	Course Title	Units
VEN 301	Pairing Wine and Food	0.5
VEN 302	Progressive Wine and Food Pairing	0.5
VEN 303	European Wine and Food	0.5
VEN 304	Dessert Wine and Food Pairing	0.5
VEN 305	Pairing the Wines and Foods of Provence	0.5
VEN 306	Pairing the Wines and Foods of Tuscany	0.5

Agribusiness: Viticulture

Award Type: Associate in Science

Designed for students preparing for or advancing in careers such as vineyard management, pest management, fertilizer sales or irrigation management.

The graduate of the Associate in Science in Agribusiness: Viticulture will:

- Use basic ideas and concepts in viticulture including biology, and ecophysiology of vines and grape cultivars, to work in the viticulture industry.
- Assess and differentiate effects of viticultural activities and processes in final grapes and wines produced, including yearly activities and grape vine phenology describing alternatives to make sound viticultural decisions during the entire year to ensure quality fruit and healthy vines.
- Identify common vineyard problems and suggest solutions.

- Identify effects on different soils in viticulture and analyze precision viticulture practices and be able to use the information for continuous vineyard improvement.
- Analyze costs and sustainable alternatives in viticulture.

AG 315	Fertilizers & Plant Nutrition	4.0
BIOL 154	General Botany	5.0
CHEM 120	Introductory Chemistry	4.0

Program Requirements

A major of 26 units is required for the degree.

Required core courses (17 units):

Course Number	Course Title	Units
VEN 102	Introduction to Viticulture	3.0
VEN 120	Viticulture Operations 1	3.0
VEN 121	Viticulture Operations 2	3.0
AG 125	Soils and Plant Nutrition	4.0
AG 130	Integrated Pest Management	4.0

Plus a minimum of 9 units selected from the following:

Course Number	Course Title	Units
VEN 101	Introduction to Winemaking/Enology	3.0
VEN 103	Sensory Evaluation of Wine	3.0
VEN 114	Wine Business	3.0
VEN 122	Viticulture Operations 3	1.0
VEN 135	Grapevine Physiology	1.0
VEN 140	Viticulture Operations 4	3.0
VEN 141	Viticulture Operations 5	3.0
VEN 142	Viticulture Operations 6	1.0
AG 149	Cooperative Work Experience: Occupational	1.0 - 8.0 units
VEN 307	Vineyard Irrigation	3.0
VEN 308	Wine Analysis	3.0
VEN 310	Winemaking Operations I	2.0
VEN 311	Winemaking Operations II	2.0
VEN 312	Advanced Viticulture	3.0
VEN 314	Organic/Biodynamic Winegrowing	3.0

Agribusiness: Viticulture

Award Type: Certificate of Achievement

Designed for students preparing for or advancing in careers such as vineyard management, pest management, fertilizer sales or irrigation management.

The graduate of the Certificate of Achievement in Agribusiness: Viticulture will:

- Use basic ideas and concepts in viticulture, including biology, and ecophysiology of vines and grape cultivars, to work in the viticulture industry.
- Assess and differentiate effects of viticultural activities and processes in final grapes and wines produced, including yearly activities and grape vine phenology describing alternatives to make sound viticultural decisions during the entire year to ensure quality fruit and healthy vines.
- Identify common vineyard problems and suggest solutions.
- Identify effects on different soils in viticulture and analyze precision viticulture practices and be able to use the information for continuous vineyard improvement.
- Analyze costs and sustainable alternatives in viticulture.

Program Requirements

A total of 26 units is required for the certificate.

Required core courses (17 units):

Course Number	Course Title	Units
VEN 102	Introduction to Viticulture	3.0
VEN 120	Viticulture Operations 1	3.0
VEN 121	Viticulture Operations 2	3.0
AG 125	Soils and Plant Nutrition	4.0
AG 130	Integrated Pest Management	4.0

Plus a minimum of 9 units selected from the following:

Course Number	Course Title	Units
VEN 101	Introduction to Winemaking/Enology	3.0
VEN 103	Sensory Evaluation of Wine	3.0

VEN 114	Wine Business	3.0
VEN 122	Viticulture Operations 3	1.0
VEN 135	Grapevine Physiology	1.0
VEN 140	Viticulture Operations 4	3.0
VEN 141	Viticulture Operations 5	3.0
VEN 142	Viticulture Operations 6	1.0
AG 149	Cooperative Work Experience: Occupational	1.0 - 8.0 units
VEN 307	Vineyard Irrigation	3.0
VEN 308	Wine Analysis	3.0
VEN 310	Winemaking Operations I	2.0
VEN 311	Winemaking Operations II	2.0
VEN 312	Advanced Viticulture	3.0
VEN 314	Organic/Biodynamic Winegrowing	3.0
AG 315	Fertilizers & Plant Nutrition	4.0
BIOL 154	General Botany	5.0
CHEM 120	Introductory Chemistry	4.0

Agribusiness: Wine Business

Award Type: Associate in Science

Designed for students preparing for or advancing in careers involving selling wine to wholesalers, retailers, brokers, restaurants, and the public. Those seeking to enter or upgrade careers in the wine industry in marketing, public relations, and promotion will find this program suited to their needs.

The graduate of the Associate in Science in Agribusiness: Wine Business will:

- Identify and suggest business strategies in the wine and grape industry considering financial management principles of vineyard and winery operations and strategic planning.
- Analyze promotion, selling, marketing and distribution possibilities.
- Evaluate benchmarking and brand name recognition alternatives.
- Analyze consumer and market conditions.
- Consider accounting, logistics, compliance, legal, labor and tax issues in the wine industry.

Program Requirements

A major of 25 units is required for the associate in science degree.

Required core courses (12 units):

Course Number	Course Title	Units
VEN 101	Introduction to Winemaking/Enology	3.0
VEN 102	Introduction to Viticulture	3.0
VEN 105	Wine Marketing and Sales	3.0
VEN 114	Wine Business	3.0

Plus a minimum of 13 units selected from the following:

Course Number	Course Title	Units
ACCT 105	Introduction to Accounting	3.0
VEN 103	Sensory Evaluation of Wine	3.0
VEN 104	Advanced Sensory Evaluation of Wine	3.0
VEN 106	Winery and Vineyard Financial Management	3.0
AG 149	Cooperative Work Experience: Occupational	1.0 - 8.0 units
VEN 301	Pairing Wine and Food	0.5
VEN 302	Progressive Wine and Food Pairing	0.5
VEN 303	European Wine and Food	0.5
VEN 320	Wine Tasting Room Sales	1.5
BUS 101	Introduction to Business	3.0
BUS 103	Advertising	3.0
BUS 104	Business Organization and Management	3.0
BUS 110	Business Law	3.0
BUS 160	Business Communications	3.0

Agribusiness: Wine Business

Award Type: Certificate of Achievement

Designed for students preparing for or advancing in careers involving selling wine to wholesalers, retailers, brokers, restaurants, and the public. Those seeking to enter or upgrade careers in the wine industry in marketing, public relations, and promotion will find this program suited to their needs.

The graduate of the Certificate of Achievement in Agribusiness: Wine Business will:

- Identify and suggest business strategies in the wine and grape industry considering financial management principles of vineyard and winery operations and strategic planning.
- Analyze promotion, selling, marketing and distribution possibilities.
- Evaluate benchmarking and brand name recognition alternatives.
- Analyze consumer and market conditions.
- Consider accounting, logistics, compliance, legal, labor and tax issues in the wine industry.

Program Requirements

A major of 25 units is required for the certificate. Required core courses (12 units):

Course Number	Course Title	Units
VEN 101	Introduction to Winemaking/Enology	3.0
VEN 102	Introduction to Viticulture	3.0
VEN 105	Wine Marketing and Sales	3.0
VEN 114	Wine Business	3.0

Plus a minimum of 13 units selected from the following:

Course Number	Course Title	Units
ACCT 105	Introduction to Accounting	3.0
VEN 103	Sensory Evaluation of Wine	3.0
VEN 104	Advanced Sensory Evaluation of Wine	3.0
VEN 106	Winery and Vineyard Financial Management	3.0
AG 149	Cooperative Work Experience: Occupational	1.0 - 8.0 units
VEN 301	Pairing Wine and Food	0.5
VEN 302	Progressive Wine and Food Pairing	0.5

VEN 303	European Wine and Food	0.5
VEN 320	Wine Tasting Room Sales	1.5
BUS 101	Introduction to Business	3.0
BUS 103	Advertising	3.0
BUS 104	Business Organization and Management	3.0
BUS 110	Business Law	3.0
BUS 160	Business Communications	3.0

Agricultural Business

Award Type: Associate in Science for Transfer

The Associate in Science in Agricultural Business for Transfer provides an educational foundation for persons aspiring to careers in agribusiness. The Associate in Science in Agricultural Business for Transfer will prepare students for further studies toward a California State University (CSU) baccalaureate degree in Agriculture Business, Agriculture Studies, AgriBusiness, Ag Business and Food Industry Management. Associate Degree for Transfer Requirements Completion of 60 semester units that are eligible for transfer to the California State University, including the following: 1. Completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE). 2. A minimum of 18 semester units in a major or area of emphasis as determined by the community college district. 3. Obtainment of an overall minimum grade point average of 2.0. 4. Minimum grade of C (or P grade if taken on a pass/no pass basis) for each course in the major. [The following Allan Hancock College graduation requirements will not be required: Health and Wellness, Multicultural Gender Studies and Allan Hancock College General Education.]

The graduate of the Associate in Science for Transfer in Agricultural Business will:

- Explain how economic principles relate to commodity marketing and sales in agriculture. Analyze agricultural production, food processing and retailing; and their influence on food marketing, considering factors that influence consumer choice.
- Recognize and describe agricultural business organizational structures, functions of management and how they relate to the agribusiness organization. Identify the role of the agricultural manager and recognize various styles of leadership.
- Develop an awareness of the basic laws, regulations, and regulatory agencies that interact with the agriculture community. Explain the process and rationality for government regulations impacting businesses and the effect of regulations on market decisions.

- Understand theoretical concepts and principles of economics applied to agricultural sciences, including how markets work, characteristics of divergent market structures, and the major determinants of supply and demand interaction. Demonstrate the ability to apply the appropriate monetary and fiscal policies to different phases of the business cycle.
- Demonstrate comprehension of soils, fertilizers, plant nutrition, and current industry growing techniques and apply this understanding to successfully raise horticultural crops.

Program Requirements

MAJOR CORE COURSES: A major of 26-28 units is required for the associate in science transfer degree.

Required core courses (17 units):

Course Number	Course Title	Units
AG 125	Soils and Plant Nutrition	4.0
AG 150	Introduction to Agribusiness	3.0
AG 158	Agricultural Economics	3.0
MATH 123	Elementary Statistics	4.0
ECON 101	Principles of Macro-Economics	3.0

List A - select 2 courses from the following (6-7 units):

Course Number	Course Title	Units
AG 152	Introduction to Animal Science	3.0
AG 157	Agricultural Sales, Communication & Leadership	3.0
AG 161	Introduction to Plant Science	4.0

List B - select any course not selected above or 1 course from the following (3-4 units):

Course Number	Course Title	Units
BUS 110	Business Law	3.0
MATH 135	Calculus with Applications	4.0

General Education

CSU Transferrable Electives

Complete the following:

Intersegmental General Education Transfer Curriculum (IGETC): 37 units

Double Counting - Total units that may be doubled counted for the major and general education requirements: 6 units.

Electives - select additional CSU transferrable electives as needed to total 60 units required for the degree: 1-3 units

Agricultural Plant Science

Award Type: Associate in Science for Transfer

The Associate in Science for Transfer in Agricultural Plant Science provides an educational foundation for persons aspiring to careers in Agriculture. It prepares students for further studies toward a California State University (CSU) baccalaureate degree in Agriculture, Agricultural and Environmental Plant Sciences, Agricultural Science, Plant Science, Agriculture Education, and Agriculture Studies. Associate Degree for Transfer Requirements Completion of 60 semester units that are eligible for transfer to the California State University, including the following: 1. Completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE). 2. A minimum of 18 semester units in a major or area of emphasis as determined by the community college district. 3. Obtainment of an overall minimum grade point average of 2.0. 4. Minimum grade of C, or P grade, for each course in the major. [The following Allan Hancock College graduation requirements will not be required: Health and Wellness, Multicultural Gender Studies and Allan Hancock College General Education.]

The graduate of the Associate in Science for Transfer in Agricultural Plant Science will:

- Apply current agricultural industry standards in the agricultural sciences or related fields.
- Assess and differentiate effects of agricultural activities in plant cropping systems, while describing alternative practices in order to make sound agricultural decisions that ensure the quality and success of a crop.
- Employ effective business, sales, marketing, and communication skills when presented with an agribusiness or farm management situation.
- Demonstrate comprehension of soils, fertilizers, plant nutrition, and current industry growing techniques and apply this understanding to successfully raise horticultural crops.
- Analyze current market trends, costs, and inputs, to provide sustainable solutions in farming systems.
- Understand the importance, value, characteristics and physiology of higher plants.