

ACADEMIC POLICY AND PLANNING COMMITTEE  
CURRICULUM REPORT

December 10, 2013

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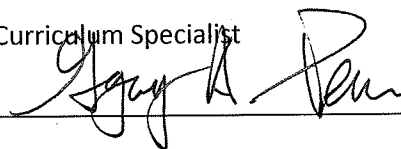
David DeGroot, Articulation Officer (ex officio)

Non-Credit Education (vacant)

Luis Sanchez, Vice President, Academic Affairs (ex officio)

Rebecca Andres, Curriculum Specialist

Adopted by Board of Trustees:



12/10/2013

Date

Vice-President, Board of Trustees

Allan Hancock Joint Community College District

The Academic Policy and Planning Committee presents the Fall 2013 Summary Report, which comprises the listing of 30 new courses, 2 experimental courses, 6 new topics, 6 new transfer degrees, 70 course modifications, 18 program modifications, and 1 distance learning request.

**NEW CREDIT COURSES/PROGRAMS RECOMMENDED FOR ADOPTION**

**NEW: Courses (effective 2014-2015)**

<b>Course Prefix</b>	<b>Course Title</b>	<b>Units</b>
AG 158	Agricultural Economics	3
AJ 150	Introduction to Forensics Advisory: Eligibility for ENGL 101 or completion of ENGL 514	3
AT 336	Automotive Machining 2 Prerequisite: AT 334 Limitation on enrollment: must take and pass a lab safety test	5
DANC 137	Funk Dance Advisory: ENGL 514, DANC 133	2
DANC 138	Intermediate Hip Hop Dance Advisory: ENGL 514, DANC 133	2
DANC 188	Intermediate Composition/Choreography Advisory: DANC 171	3
DANC 199	Special Topics in Dance Forms	0.5-3
ENGL 307	Writing Across the Curriculum 1	0.5
GRPH 127	History of Graphic Design	3
GRPH 360	Applied Design Graphics Lab 1	0.5-1
GRPH 361	Applied Design Graphics Lab 2	0.5-1
GRPH 362	Applied Design Graphics Lab 3	0.5-1
HUSV 170	Concurrent Human Services Practicum	2-4
Math 521	Foundations of Mathematics	5
MT 113	SolidWorks 1	3
MT 114	SolidWorks 2 Advisory: MT 113	3
MT 115	Lean Manufacturing	3
MT 116	Mastercam	3
MT 301	Introduction to Safety	2
MT 302	Quality & Process Improvement	2
MT 303	Manufacturing Processes and Production	2
MT 304	Maintenance Awareness	2
MUS 128	Introduction to Piano	1
MUS 129	Introduction to Singing	2
PE 114	Techniques & Theory of Softball	3
PEIA 185	Intercollegiate Swimming, Women	3
<b>PSY 105</b>	<b>Research Methods in Psychology</b>	<b>3</b>
WLDT 305	Welded Sculptural Projects	1

**NEW: Experimental Courses and New Topics - Stand Alone (effective spring 2014)**

<b>Course Prefix</b>	<b>Course Title</b>	<b>Units</b>
ART 199R	Soda Firing Advisories: ART 160 and ART 366	2
ART 199S	Custom Made Ceramics Tools	2
DANC 379A	Workshop in Contemporary Dance	3
DRMA 199S	Repertory of Noises off and Forever	3
DRMA 199T	Repertory of Oklahoma and San Patricios	3
DRMA 199U	Exploration of Noises Off through San Patricios	0.5
DRMA 199V	Exploration of San Patricios through 36 Views	0.5
PE 179D	Intercollegiate Swimming, Women	3

**NEW: Programs (effective 2014-2015 pending state approval)**

<b><u>Program Title</u></b>	<b><u>Program Units</u></b>
Associate in Arts in Anthropology for Transfer	19-20
Associate in Arts in Kinesiology for Transfer	21-24
Associate in Science in Physics for Transfer	30
Associate in Arts in Political Science for Transfer	18-19
Associate in Arts in Sociology for Transfer	18-19
Associate in Arts in Spanish for Transfer	25

**MODIFICATIONS TO COURSES/PROGRAMS RECOMMENDED FOR ADOPTION**

Major modifications to course content, course outline of record, or program listings are included in this section. Modifications include but are not limited to course/program units, hours, prerequisites, co-requisites, advisories, and enrollment limitations.

**MODIFICATIONS: Courses (effective 2014-2015)**

<b><u>Course Prefix</u></b>	<b><u>Course Title</u></b>	<b><u>Units</u></b>
ACCT	Accounting courses are being modified to align with transfer model curriculum.	
ACCT 130	Financial Accounting	3
ACCT 140	Managerial Accounting	3
AG	The hours for the agribusiness courses are being modified and unit changes are being made where appropriate and the discipline placements have been modified.	
AG 150	Introduction to Agribusiness	3
AG 152	Principles of Animal Science	3
AG 153	Introduction to Sustainable Agriculture	3
AG 154	Introduction to Fruit Science	3
AG 155	Introduction to Mechanized Agriculture	3
AG 156	Introduction to Environmental Horticulture	3
AG 157	Agricultural Sales, Communication and Leadership	3

AG 321	Basic Winemaking III Units decreasing from 3 to 2 units	2
AG 322	Basic Winemaking IV Units decreasing from 4 to 2 units	2
ART	The ART courses are being modified to clarify the level of skills development in each course and to more accurately reflect current course content and methodology.	
ART 122	Life Drawing 1	3
ART 123	Life Drawing 2	3
ART 124	Mixed Media 1	3
ART 125	Painting in Acrylics 1	3
ART 126	Painting in Acrylics 2	3
ART 129	Painting in Oils 1	3
ART 130	Painting in Oils 2	3
ART 133	Composition Studies: Human Figure 1 The title of the course is being changed from Painting the Human Figure 1 Prerequisite: ART 120; advisory: completion of or concurrent enrollment in ART 122	0.5
ART 134	Composition Studies: Human Figure 2 The title of the course is being changed from Painting the Human Figure 2	0.5
ART 164	Sculpture 1	3
ART 165	Sculpture 2	3
AT	The automotive technology course outlines are being updated appropriately.	
AT 133	Automotive Engine Rebuilding Prerequisite: AT 100 New Limitation on enrollment: <u>Must take and pass a lab safety test.</u>	5
AT 303	Automotive Electricity Prerequisite: AT 100 New Limitation on enrollment: Must take and pass a lab safety test. Units increasing from 4 to 5 units, 3 lecture hours and 6 lab hours	5
AT 306	Auto Air Conditioning Systems Prerequisite: AT 100 New advisory: AT 303 New Limitation on enrollment: Must take and pass a lab safety test. The title of the course is being changed from Auto Air Conditioning, units are being increased from 1 to 4 units, 3 lecture hours and 3 lab hours.	4
AT 334	Automotive Machining 1 Modified prerequisite: AT 133 New Limitation on enrollment: Must take and pass a lab safety test.	5
AT 389	Independent Projects in Automotive Technology	1-3
BUS 110	Business Law The course is being modified to align with transfer model curriculum.	3
CBIS 101	Computer Information Systems The course is being modified to align with transfer model curriculum.	3
CS 112	Fundamentals of Programming 2 Modified Prerequisite: <del>MATH 311</del> <u>CS 111</u> MATH 311 is being dropped as the prerequisite because MATH 311 is already the prerequisite course for CS 111	4
DANC 133	Hip Hop Dance Advisory: ENGL 514	2

DANC 183	Dance Ensemble The course is being modified as an intercollegiate competition course.	3
DRMA 199	Special Topics in Drama	0.5-3
ECS	Early childhood education courses are being modified and updated as part of program review.	
ECS 111	Supervision and Administration Prerequisite: ECS 106 New Advisory: ENGL 513	3
ECS 112	Preschool Child with Special Needs Prerequisite: ECS 100 New Advisory: ENGL 513	3
ECS 113	Early Intervention: Infant and Toddlers New Prerequisite: ECS 100 New Advisory: ECS 115 and ENGL 513 The title of the course is being changed from Early Infant Intervention; a prerequisite course is being implemented and the advisory courses, ECS 100 and 112 are being replaced.	3
ECS 117	Teaching the Hispanic Child New Advisory: ENGL 513 The title of the course is being changed from Teaching the Bilingual/Bicultural Hispanic Child	3
ECS 120	Mentor Teacher and Adult Supervision New Prerequisite: ECS 106 New Advisory: ENGL 513	2
ECS 122	Positive Child Guidance New Advisory: ENGL 513	3
ECS 125	Curriculum for School Age Children Modified Advisory: <u>ENGL 513</u> , ECS 100 101 The title of the course is being changed from Curriculum for School Age Children 6 to 12 Years	3
ECS 311	Creating Learning Materials New Advisory: ENGL 513	0.5
ECS 312	Music for Early Childhood Educators New Advisory: ENGL 513 The title of the course is being changed from Music Activities for Young Children	0.5
EMS 102	First Aid and Safety The course is being modified to align with transfer model curriculum.	3
HIST/HUM	The history and humanities course are being modified to align with transfer model curriculum as part of the new transfer degree in history.	
HIST 104	Western Civilization to 1650	3
HIST 107	U.S. History to 1877	3
HIST 108	U.S. History 1877 to Present	3
HUM 104	Western Civilization to 1650	3
HUSV	Human services courses are being modified to combine work experience and practicum seminar. The course titles are being modified to reflect "internship" instead of practicum..	
HUSV 120	Human Services Internship	4

HUSV 130	Addiction Studies Internship	6
HUSV 140	Co-occurring Disorders Internship	4
HUSV 150	Family Studies Internship	4
HUSV 160	Family Services Worker 2 Internship	4
MT <del>189</del> 389	Independent Projects in Machine Technology	1-3
MUS 120	Beginning Piano	1
MUS 123	Class Vocal Techniques	2
NURS	The courses are being modified to comply with board of nursing requirements for continued approval	
NURS 103	RN Practicum 1	5
NURS 111	Intermediate RN Skills	0.5
NURS 112	Advanced RN Skills	0.5
PEIA 195	Intercollegiate Conditioning	0.5-3
	The course prefix and number are being changed from PE 145 to align with other PEIA courses in the catalog listing.	
RVT	The catalog descriptions for RVT courses are being modified to include required veterinary medical board language.	
RVT 301	Veterinary Anatomy, Physiology and Terminology New Limitation on Enrollment: Acceptance to the RVT program	3
RVT 303	Veterinary Pharmacology	2
RVT 305	Medical Nursing & Animal Care	4
RVT 306	Surgical Nursing & Dentistry	4
RVT 307	Veterinary Equipment and Radiography	2
SOC	Sociology course outlines are being updated to reflect current emphasis in the discipline and to align with C-ID courses.	
SOC 102	Social Problems	3
SOC 104	Social Sciences Research Methods The course will no longer be cross-listed with PSY 104	3
SOC 120	Race and Ethnic Relations	3
SOC 155	Media and Society	3
SOC 160	Cities and Urban Life	3

**MODIFICATIONS: Programs (effective 2014-2015)**

<u>Program Award</u>	<u>Program Title</u>	<u>Program Units</u>
<b>AA</b>	<b>Agribusiness: Enology/Viticulture</b> The program is being modified to be more manageable for students. The program units are changing: core units from 21 units to 10 units; selected units 12; total program units from 31 units to 22.	<b>22</b>
<b>AS and Certificate</b>	<b>Agribusiness: Wine Business</b> The program is being modified to be more manageable for students. The title of the degree and certificate are being changed to <u>Wine Business</u> ; the program units are changing: major units from 32.5 to 9 units; selected units 13; total program units from 32.5 to 22.	<b>22</b>
<b>AS and Certificate</b>	<b>Agribusiness: Viticulture</b>	<b>26</b>

The program is being modified to be more manageable for students. The program units are changing: core units from 24 to 17 units; selected units 9; total program units from 33 to 26.

<b>AA</b>	<b>Art</b> Courses are being added to a list of selected units and the wording “recommended electives” is being removed. The total program units have not changed	<b>27-28</b>
<b>AS and Certificate</b>	<b>Emergency Medical Services</b> The program is being modified as a result of program review. Courses in other disciplines that relate to the knowledge base required by an EMS professional are being added to the program. The degree will cover a broader range of topics in addition to a greater breadth of subject matter. The program units are changing: major units from 18.5 to 16 units; selected units 18; total program units from 29.5 to 34.	<b>34</b>
<b>AS and Certificate</b>	<b>Human Services: General</b> The program is being modified to replace courses that are no longer repeatable. HUSV 105 and 121 are being removed from the major and a new course HUSV 170 is being added to the major units. The total program units are changing from 28 units to a range of 26-28 units.	<b>26-28</b>
<b>AS and Certificate</b>	<b>Human Services: Addiction Studies</b> The program is being modified to replace courses that are no longer repeatable. HUSV 105 and 131 are being removed from the major units. The total program units are not affected.	<b>42</b>
<b>Certificate</b>	<b>Human Services: Co-occurring Disorders</b> The program is being modified to replace courses that are no longer repeatable. HUSV 105 and 141 are being removed from the major units; an alternative for HUSV 140, HUSV 170 is being added. The program units are changing from a range of 45-47 to a range of 47-49.	<b>47-49</b>
<b>Certificate</b>	<b>Human Services: Family Studies</b> The program is being modified to replace courses that are no longer repeatable. HUSV 105 and 151 are being removed from the major units; an alternative course for HUSV 150, HUSV 170, is being added. The total program units are changing: 31 units to a range of 26-28.	<b>26-28</b>
<b>Certificate</b>	<b>Human Services: Family Services Worker 2</b> The program is being modified to replace courses that are no longer repeatable. HUSV 105 and 161 are being removed from the required units; an alternative course for HUSV 160, HUSV 170, is being added. The program units are changing: from 7 units to a range of 5-7 units.	<b>5-7</b>
<b>AA</b>	<b>Kinesiology</b> The program title is being modified from Physical Education to show how it relates to programs offered by four-year colleges and universities. The total program units are not affected.	<b>21</b>
<b>AS and Certificate</b>	<b>Recreation Management</b> BUS 102, Marketing, is being added to the list of selected units as recommended by the program’s advisory committee. The total program units	<b>21</b>

will not change.

**AGENCY MANDATED MODIFICATIONS (effective spring 2014)**

<b><u>Course Prefix</u></b>	<b><u>Course Title</u></b>	<b><u>Units</u></b>
EMS 302	EMS Academy 1B (Advanced) Modified Corequisite: ENVT 156 New Advisory: achieve a minimum score of 79 on the START reading placement test. The course is being modified as a result of an agency mandate to include emergency vehicle operator National Standard curriculum in the course. As a result the co-requisite course, LE 341, Emergency Vehicle Operations Course, is being removed.	7

**REQUEST FOR DISTANCE LEARNING (effective spring 2014)**

<b><u>Course Prefix</u></b>	<b><u>Course Title</u></b>	<b><u>Units</u></b>
ECS 122	Positive Child Guidance	3

**REQUEST TO DROP/SUNSET (effective 2014-2015)**

Course and programs listed in this section are being dropped at the request of the department.

<b><u>Department</u></b>	<b><u>Course Prefix</u></b>	<b><u>Course Title</u></b>	<b><u>Drop/Sunset</u></b>
Industrial Tech	AB 330	Blueprint Reading and Interpretation	Drop
	MT 313	SolidWorks 1	Drop
	MT 312	Lean Manufacturing	Drop
	MT 311	Mastercam	Drop
Fine Arts	GRPH 160	Applied Design Graphics Lab	Drop
Social & Behavioral Sciences	PSY 115	Behavioral Modification	Sunset
	PSY 116	Death and Dying	Sunset
	SOC 121	Social Psychology	Sunset

**CONSENT AGENDA ITEMS (effective spring 2014)**

<b><u>Change</u></b>	<b><u>Course Prefix</u></b>	<b><u>Course Title</u></b>
Textbook	BIOL 100	Introductory Biology
Textbook	ECS/EDUC 132	Child Identity and Learning
Textbook	GRPH 117	Typography
Textbook	PE 128	Sport Psychology

**ACTIVE PARTICIPATORY COURSES**



Formerly activity courses which were designated as repeatable courses, effective in 2013, Title 5 further limits repeatability in physical education and visual/performing arts courses. Courses listed in this section represent courses that are related in content and no longer hold the designation of a repeatable course.

**New additions: MUS 128 and MUS 129**

DISCIPLINE	GROUP NAME	COURSES RELATED IN CONTENT	LIMITATIONS
<b>Art</b>	Design	ART 110, 112, 113	<ul style="list-style-type: none"> <li>• Courses are not repeatable.</li> <li>• Enrollment is limited to four (4) courses per group.</li> </ul>
	Life Drawing	ART 122, 123, 137	
	Mixed Media	ART 124, 144	
	Painting	ART 125, 126, 146, 127, 128, 129, 130, 150	
	Composition Studies	ART 133, 134, 154, 131, 132	
	Ceramics	ART 160, 161, 162, 163	
	Sculpture	ART 164, 165	
	Potter's Wheel	ART 365, 366, 367,	
	Culture of Ceramics	ART 199G, 199H, 199J, 199K, 199L, 199M, 199N, 199P	
<b>Dance</b>	Hip Hop	DANC 133, 165	
	Folklorico	DANC 140, 142, 145, 148	
	Social Dance	DANC 172, 174, 175, 178	
	Choreography	DANC 171, 176	
	Concert Production	DANC 180, 183, 186	
	Applied Ballet Techniques	DANC 126, 154, 160, 161	
	Applied Jazz Techniques	DANC 162, 163	
	Stage Craft Production	DANC 182, 185	
	Body Conditioning	DANC 155, 156, 168	
<b>Music</b>	Vocal Instruction	MUS 123, 124, 127, <u>129</u>	
	Piano Instruction	MUS 120, 121, 122, <u>128</u>	
	Guitar Instruction	MUS 125, 126	
<b>Drama</b>	Acting	DRMA 104, 106	
	Academic Theatre	DRMA 103, 110, 111	

## **AGRIBUSINESS: ENOLOGY/VITICULTURE (A.A.)**

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 AA program in enology/ viticulture will:

- Demonstrate an understanding of the yearly cycle of the vineyard.
- Demonstrate the ability to make sound viticultural decisions during the entire year to ensure quality fruit and healthy vines.
- Describe and demonstrate proficiency in pruning, irrigation, canopy management, pest and disease control, fruit quality assessment and determining time of optimal harvest.
- 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.

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

<b>COURSE NUMBER</b>	<b>TITLE</b>	<b>UNITS</b>
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Required core courses (10 units):

AG 101	Introduction to Winemaking	3
AG 102	Introduction to Viticulture	3
CHEM 120	Introductory Chemistry	4

Plus a minimum of 12 units selected from the following:

AG 114	Wine Business	3
AG 135	Grapevine Physiology	1
AG 315	Fertilizers and Plant Nutrition	4
BIOL 154	Botany	5
CHEM 151	General Chemistry 2	5
CHEM 140	Introductory Organic Chemistry	4
CHEM 150	General Chemistry 1	5
MATH 135	Calculus with Applications	4
MATH 181	Calculus 1	5
MATH 182	Calculus 2	5
PHYS 141	General Physics 1	4
PHYS 142	General Physics 2	4
BUS 121	Business Economics	3
or		
Econ 121	Business Economics	3
AG 125	Soils and Plant Nutrition	4
AG 103	Sensory Evaluation of Wine	3
BIOL 128	Microbiology	5

## **AGRIBUSINESS - WINE BUSINESS (A.S. & 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 AS or certificate program in wine marketing and sales 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.

A major of 22 units is required for the associate in science degree and certificate.

<b>COURSE NUMBER</b>	<b>TITLE</b>	<b>UNITS</b>
Required core courses (9 units)		
AG 101	Introduction to Winemaking	3
AG 102	Introduction to Viticulture	3
AG 114	Wine Business	3

Plus a minimum of 13 units selected from the following:

AG 320	Wine Tasting Room Sales	2
AG 104	Advanced Sensory Evaluation of Wine	3
AG 105	Wine Marketing and Sales	3
or		
BUS 102	Marketing	3
AG 103	Sensory Evaluation of Wine	3
AG 149	Cooperative Work Experience: Occupation1-8 (related to Wine Business)	3
AG 301	Pairing Wine and Food	.5
AG 302	Advanced Pairing Wine and Food	.5
AG 303	Epicurean Wine and Food	.5
BUS 101	Introduction to Business	3
BUS 103	Advertising	3
BUS 104	Business Organization and Management	3
ACCT 130	Financial Accounting	3
BUS 160	Business Communications	3
CBIS 101	Computer Concepts and Applications	3
or		
CS 102	Introduction to Computing with HTML	3
BUS 110	Business Law	3

## **AGRIBUSINESS: VITICULTURE (A.S. & 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 AS or certificate program in 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.

A major of 26 units is required for the associate in science degree and certificate.

<b>COURSE NUMBER</b>	<b>TITLE</b>	<b>UNITS</b>
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Required core courses (17 units):

AG 102	Introduction to Viticulture	3
AG 120	Viticulture Operations 1	3
AG 121	Viticulture Operations 2	3
AG 125	Soils and Plant Nutrition	4
AG 130	Integrated Pest Management for Grapes	4

Plus a minimum of 9 units selected from the following:

AG 101	Introduction to Winemaking	3
AG 103	Sensory Evaluation of Wine	3
AG 122	Viticulture Operations 3	1
AG 114	Wine Business	3
AG 135	Grapevine Physiology	1
AG 140	Viticulture Operations 4	3
AG 141	Viticulture Operations 5	3
AG 142	Viticulture Operations 6	3
AG 149	Cooperative Work Experience: Occupational (related to Viticulture)	1-8
AG 307	Vineyard Irrigation	3
AG 308	Wine Analysis	3
AG 312	Advanced Viticulture	3
AG 314	Organic/Biodynamic Wine	3
AG 315	Fertilizers and Plant Nutrition	4
BIOL 154	General Botany	5
CHEM 120	Chemistry	4
AG 310	Basic Winemaking I	2
AG 311	Basic Winemaking II	2

## Art (A.A.)

Art and Design have permeated human experience for thousands of years. The fine artist and the designer both require knowledge of the same visual principles. An art major is trained in visual perception, design principles and manual skills necessary for personal expression or a commercial career in various art media.

The graduate of the A.A. program in art will:

- Participate in a variety of visual arts through the application of developed skills in visual perception, analysis, design principles and technical abilities and demonstrates these in a portfolio of work.

A major of 27 – 28 units is required for the associate in arts degree.

### Required Core Courses (27-28 units):

COURSE NUMBER	TITLE	UNITS
Art 103	Art History Survey (Ancient to Medieval)	3
Art 104	Art History Survey (Renaissance to Modern)	3
Art 106	Art of the 20 <sup>th</sup> Century	3
Art 107	Computer Fine Art	3
Art 108	Design on the Computer	3
or		
Art 110	Design 1	3
Art 112	Design Color Theory	3
Art 113	Three Dimensional Design	3
or		
Art 160	Ceramics 1	3
or		
Art 164	Sculpture 1	3
Art 120	Drawing 1	3
or		
Art 121	Drawing 2	3
or		
Art 122	Life Drawing	3

Plus a minimum of 3 units selected from the following:

Art 105	Art History: Art of Mexico	3
Art 109	Art History: American Art	3
Art 123	Life Drawing 2	3
Art 137	Life Drawing 3	3
Art 124	Mixed Media	3
Art 144	Mixed Media2	3
Art 125	Painting in Acrylics 1	3
Art 126	Painting in Acrylics 2	3
Art 146	Painting in Acrylics 3	3
Art 127	Painting in Watercolor 1	3
Art 128	Painting in Watercolor 2	3
Art 129	Painting in Oils 1	3
Art 130	Painting in Oils 2	3
Art 150	Painting in Oils 3	3
Art 131	Portraits	1
Art 132	Landscape	1.5
Art 133	Composition Studies: Figure 1	.5
Art 134	Composition Studies: Figure 2	.5
Art 154	Composition Studies: Figure 3	.5
Art 160	Ceramics 1	3
Art 164	Sculpture 1	3
Art 199	Special Topics in Art	.5-3
Art/MMAC 115		
	Introduction to Animation	3
Film 110	Intro to Motion Picture & Video Production	4
Graph 110	Introduction to Graphic Design	3
Graph 116	Digital Portfolio	3
Photo 110	Basic Photography	3
Photo 120	Materials and Processes	3

## EMERGENCY MEDICAL SERVICES A.S AND CERTIFICATE

### Program Description:

The associate in science degree and certificate in emergency medical services prepares students to be entry-level technicians capable of providing emergency medical care and transportation as well as the ability to professionally interact with allied medical team members.

The graduate of the AS or certificate program in emergency medical services will:

- Identify minimum qualifications and entry-level skills for an EMT-1 Basic.
- Describe the following elements: application process; written exam process; physical agility testing; and oral interview.
- Identify the history of EMS and the impact of culture and diversity within that history.
- Demonstrate the role and responsibilities of EMTs as professionals in the health care system interacting with other allied health personnel.
- Demonstrate the process for conducting patient assessments
- in a variety of pre-hospital situations for clients of various ages.
- Recognize the signs and symptoms of life threatening situations and be able to triage clients accurately, formulating and evaluating treatment plans for patients of various ages in pre hospital settings.
- Develop, demonstrate and evaluate treatment plans for patients forms of trauma.
- Demonstrate the principles and practices for organizing an accident scene when an ambulance is required including: a) analyzing a multiple casualty incident (MCI) and directing resources approximately in a timely manner, and b) organizing appropriate scene response, scene size up, initial assessment, focused assessment, detailed assessment and appropriate medical care of clients of various ages.
- Differentiate the incidence, morbidity and mortality of soft tissue injuries in trauma patients.
- Create a treatment plan based on the patient's presenting signs and symptoms.
- Demonstrate the ability to revise the treatment plan based on the patient's needs and changes in physical and psychosocial baselines.
- Collect and construct a concise and detailed patient report.
- Demonstrate competency using aseptic technique when using emergency equipment.
- Demonstrate the safe driving and operation of an ambulance and all related patient transfer equipment.

A total of 34 units is required for the associate in science degree and certificate.

<u>COURSE NUMBER</u>	<u>TITLE</u>	<u>UNITS</u>
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Required core courses (16 units)

EMS 300	Introduction to Emergency Medical Services	1
EMS 301	Emergency Medical Technician-1 (Basic )	6
EMS 306	CPR for Healthcare Providers	0.5
EMS/FT 319	Emergency Response to Terrorism	3
ENVT 156	First Responder Op 16-Hr	1
AJ 308	Drugs & Drug Dependency	1.5
PSY 127	Emotional Intelligence	3

Plus a minimum of 18 units selected from the following:

EMS 102	First Aid and Safety	3
EMS 130	Principles of Emergency Management	3
EMS 134	Internship Seminar	3
EMS 149	Cooperative Work Experience: Occupational (related to EMS)	1-8
EMS 302	EMS Academy 1B (Advanced)	7
EMS 303	Paramedic Prep	1.5
EMS 304	EMT Clinical Experience	2
EMS 307	Wilderness EMS-First Aid	2
EMS 309	Basic Trauma Life Support	1
EMS 310	Child Care First Aid and CPR	0.5
EMS 313	Intermediate ICS – 1st Responders	1
EMS 314	Advanced ICS – 1st Responders ICS- 400	1
EMS 315	Ambulance Strike Team Provider	1
EMS 316	Ambulance Strike Team Leader	1
EMS 321	Advanced Cardiac Life Support (ACLS)	1
EMS 322	Pediatric Advanced Life Support	1

EMS 325	Lifeguard Certification	2
EMS 333	Paramedic Theory	10
EMS 338	Land Navigation	1.5
EMS 343	Paramedic Clinical Laboratory	4
EMS 353	Paramedic Field Internship	10
EMS 378	Wilderness EMS - EMT Wilderness Transition	2.5
FT 307	Firefighter Academy 1A	6
FT 310	Fire Service Physical Fitness	2
FT 374	First Responder Medical	2
WFT 301	Introduction to ICS ( I-100 )	0.5
WFT 302	Basic Incident Command System (I-200)	0.5
LE 341	Emergency Vehicle Operations Non-Law Enforcement	0.5
AJ 101	Intro to Criminal Justice	3
BIOL 100	Intro Biology	4
BIOL 124	Human Anatomy	4
BIOL 125	Human Physiology	4
PE 130	Self Defense	1
PE 146	Strength and Flexibility	1
PE 141	Physical Fitness Lab	0.5

**Human Services: General  
(A.S. and Certificate of Achievement)**

**Academic Requirements**

A major of 26-28 units is required for the associate in science degree or certificate.

Required core courses (20-22 units):

FCS 131	Life Management	3 units
HUSV 101	Becoming a Helping Professional	3 units
HUSV 102	Case Management of Diverse Clients	3 units
HUSV 103	Basic Counseling Skills	3 units
HUSV 106	Family Systems, Addiction, and Trauma	3 units
HUSV 108	Crisis Intervention Strategies	3 units
HUSV 120	Human Services Internship	4 units
or		
HUSV 170	Concurrent HUSV Practicum	2 units

Plus a minimum of 6 units selected from the following:

HUSV 104	Group Dynamics	3 units
HUSV 107	Serving Culturally Diverse Clients	3 units
HUSV 110/ SOC 106/ PSY 106	Alcohol, Drugs, and Addiction	3 units
PSY 112	Human Sexuality	3 units
PSY 118	Human Development-Lifespan	3 units

**Human Services: Addiction Studies  
(A.S. and Certificate of Achievement)**

**Academic Requirements**

A major of 42 units is required for the associate in science degree and certificate.

Required core courses (39 units):

FCS 131	Life Management	3 units
HUSV 101	Becoming a Helping Professional	3 units
HUSV 102	Case Management of Diverse Clients	3 units
HUSV 103	Basic Counseling Skills	3 units
HUSV 104	Group Dynamics	3 units
HUSV 106	Family Systems, Addiction, and Trauma	3 units
HUSV 108	Crisis Intervention Strategies	3 units
HUSV 110/ SOC 106/ PSY 106	Alcohol, Drugs, and Addiction	3 units
HUSV 111	Addiction Treatment and Recovery	3 units
HUSV 124	Substance Abuse Prevention and Education	3 units
or		
HUSV 142	Co-occurring Disorders-Assessment	3 units
HUSV 130	Addiction Studies Internship	6 units
HUSV/ PSY 132	Drugs, the Brain and the Body	3 units

Plus a minimum of 3 units selected from the following:

FSN 112	Nutrition, Weight Management, and Eating Disorders	3 units
HUSV 107	Serving Culturally Diverse Clients	3 units
HUSV 113	Women and Addiction	3 units

Recommended electives:

HUSV 122	States of Consciousness	3 units
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## Human Services: Co-occurring Disorders (Certificate Achievement)

### Academic Requirements

A total of 47-49 units constitute the certificate.

Required core courses (44-46 units):

FCS 131	Life Management	3 units
HUSV 101	Becoming a Helping Professional	3 units
HUSV 102	Case Management of Diverse Clients	3 units
HUSV 103	Basic Counseling Skills	3 units
HUSV 104	Group Dynamics	3 units
HUSV 106	Family Systems, Addiction and Trauma	3 units
HUSV 108	Crisis Intervention Strategies	3 units
HUSV 110/PSY 106/SOC 106	Alcohol, Drugs, and Addiction	3 units
HUSV 111	Addiction Treatment and Recovery	3 units
HUSV/PSY 112	Drugs, the Brain and the Body	3 units
HUSV 130	Addiction Studies Internship	6 units
HUSV 140	Co-occ Disorders Internship	4 units
or		
HUSV 170	Concurrent HUSV Practicum	2 units
HUSV/PSY 142	Co-occurring Disorders: Engagement	3 units
HUSV/PSY 143	Co-occurring Disorders: Treatment	3 units

Plus a minimum of 3 units selected from the following:

FCS/FSN 112	Nutrition, Weight Management, and Eating Disorders	3 units
HUSV 107	Serving Culturally Diverse Clients	3 units
HUSV 113	Women and Addiction	3 units

Recommended electives:

HUSV 122	States of Consciousness	3 units
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**Human Services: Family Studies  
(Certificate of Achievement)**

**Academic Requirements**

A total of 26-28 units constitute the certificate.

Required core courses (20-22 units):

HUSV101	Becoming a Helping Professional	3 units
HUSV 102	Case Management of Diverse Clients	3 units
HUSV 103	Basic Counseling Skills	3 units
HUSV 106	Family Systems, Addiction and Trauma	3 units
HUSV 108	Crisis Intervention Strategies	3 units
HUSV 113	Women and Addiction	3 units
HUSV 150	Family Studies Internship	4 units
or		
HUSV 170	Concurrent HUSV Practicum	2 units

Plus a minimum of 6 units selected from the following:

ECS 101	Child, Family and Community	3 units
ECS 114	Parent/Child Relationships	3 units
FCS/FSN 109	Basic Nutrition for Health	3 units
FCS 130	Consumer and Family Finance	3 units
HUSV 107	Serving Culturally Diverse Clients	3 units
HUSV 189	Independent Projects in Human Services	1-3 units
SOC 110	Personal and Family Relationships in the 21st Century	3 units

**Family Services Worker 2  
Certificate of Accomplishment**

**Academic Requirements**

A total of 5-7 units from the following courses constitute the certificate.

HUSV 106	Family Systems, Addiction and Trauma	3 units
HUSV 160	Family Serv Worker 2 Internship	4 units
or		
HUSV 170	Concurrent HUSV Practicum	2 units

## KINESIOLOGY (A.A.)

### **Program Description:**

The associate degree in physical education prepares students to move into a curriculum in a four-year institution to pursue a baccalaureate degree in such areas as exercise physiology, kinesiology, physical therapy and teaching. The physical educator with a baccalaureate degree is prepared to enter graduate or professional programs of specialized study such as adapted physical education, coaching, exercise physiology, physical therapy and education.

### **Program Learning Outcomes:**

- \* Demonstrate and evaluate the factors that contribute to a healthy lifestyle and contribute to the prevention of adult-related diseases such as diabetes, obesity and cardiovascular disease.
- \* Synthesize health education information and apply principles of exercise in order to improve personal wellness and longevity.
- \* Acquire program specific information from various sources with which to better appreciate, analyze, and communicate in different situations, involving diverse individuals and viewpoints.

A major of 21 units is required for the associate in arts degree.

<u>COURSE NUMBER</u>	<u>TITLE</u>	<u>UNITS</u>
Required core courses (15 units):		
BIOL 124	Human Anatomy	4
BIOL 125	Human Physiology	4
HED 100	Health and Wellness	3
PE 100	Introduction to Kinesiology	3

Plus a minimum of 1 unit selected from PE (Physical Education) activity and/or PEIA (Physical Education Intercollegiate Athletic) courses.

Plus a minimum of 6 units selected from the following:

ATH 104	Care and Prevention of Athletic Injuries	3
ATH 106	Orthopedic Injury Assess/Rehab	4
FSN 110	Nutrition Science	3
PE 106	Sports Officiating	3
PE 128	Sport Psychology	3
PE 129	First Aid-CPR: Educator/Coach	1
REC 101	Intro to Recreation Management	3
REC 107	Recreational Sports Programming	3
REC 105	Program Planning for Recreation	3

**RECREATION MANAGEMENT**  
**(A.S. & Certificate of Achievement)**

**Program Description:**

The Associate Science degree in Recreation Management prepares students to either obtain middle level positions in the Recreation field or advance from entry level positions in all areas of recreation. Students can also transfer to a four-year institution to pursue a baccalaureate degree in Recreation, Hospitality or Tourism Management

**Program Learning Outcomes:**

- \* Demonstrate knowledge of career opportunities in the recreation fields and understand the differences between the public, private, nonprofit, therapeutic and commercial settings.
- \* Demonstrate and apply learned leadership skills in a team building classroom environment
- \* Apply and practice the skills of event planning for organizing community events.
- \* Apply the principals and theories of sports management for municipal, commercial and nonprofit agencies.

A major of 21 units is required for the associate in science degree and certificate.

<b><u>COURSE NUMBER</u></b>	<b><u>TITLE</u></b>	<b><u>UNITS</u></b>
Required core courses (15 units)		
REC 101	Intro to Recreation Management	3
REC 103	Leadership in Recreation Services	3
REC 105	Program Planning for Recreation	3
REC 107	Recreational Sports Programming	3
CWE 149	Cooperative Work Experience	3

Plus a minimum of 6 units selected from the following:

ATH 104	Care/Prevention of Athletic Injuries	3
EMS 102	First Aid and Safety	3
H ED 100	Health and Wellness	3
SOC 120	Race and Ethnic Relations	3
SPCH 102	Small Group Communication	3
BUS 102	Marketing	3