

ACADEMIC POLICY AND PLANNING COMMITTEE CURRICULUM REPORT

October 11, 2016

Larry Manalo Jr., Committee Chairperson

Vice-Chair (Vacant)

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Anne Cremarosa, Business

Lydia V. Maxwell, Counseling

Denize Cain, English

Tim Webb, Fine Arts

Sheri Bates, Kinesiology, Recreation and Athletics

Mary Pat Nelson, Health Sciences

Gabriel Marquez, Industrial Technology

Andrea Sanders, Languages & Communication

Kathy Headtke, Academic/Student Services

Robert Lennihan, Life and Physical Sciences

Derek Mitchem, Mathematical Sciences

Kristy Treur, Public Safety

Thomas VanderMolen, Social & Behavioral Sciences

ASBG Student Representative (Vacant)

Janet Hooghuis & Betsy Wilcox, Admissions & Records Representative (non-voting)

Non-Credit Education (vacant)

Dave DeGroot, Articulation Officer (non-voting)

George Railey, Vice President, Academic Affairs (non-voting)

Rebecca Andres, Curriculum Specialist (non-voting)

Adopted by Board of Trustees:



President, Board of Trustees


Date

Allan Hancock Joint Community College District

NEW COURSES RECOMMENDED FOR ADOPTION

This section lists all new courses including credit, noncredit, experimental, and special topics.

NEW Courses: Effective 2017-18 catalog and pending Chancellor's Office approval.

Course prefix	Course Title	Units
AG 330	Harvest Bootcamp	0.5

NEW Topics: Effective summer 2017 and pending Chancellor's Office approval.

Course prefix	Course Title	Units
THEA 198H	Rep Of Beauty and the Beast and Newsies	3
THEA 198I	Rep of Newsies and Fences	1
THEA 198J	Rep of Twelfth Night and Fences	1
THEA 199J	Exploration of Twelfth Night and Fences	1
THEA 199K	Rep of Beauty and the Beast and Twelfth Night	1

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 Major: Effective 2017-18 catalog (and pending Chancellor's Office approval as needed)

Course Prefix	Course Title	Units
BUS	Business courses are being updated as part of its regular course and program review cycle. The original content of the courses below were established under the "359 Institute/Topics In" format in which a generic course outline established the underlying framework for offering curriculum that had common goals and objectives and which could not change from course to course. The courses are offered on the regular 2-year cycle and the common course outline providing the underlying framework no longer applies. The courses listed below are designed to provide students with immediate entry-level skills in a variety of work-place settings. A certificate of accomplishment can be earned when completing a series of these courses.	
BUS 357	Management: Listening	0.5
BUS 360	Introduction to Supervision	0.5
BUS 361	Your Leadership Style	0.5
BUS 363	Management: Conflict	0.5
BUS 364	Winning Business Plans	0.5
BUS 367	Managing Change	0.5

BUS 369	Employment Law	0.5
BUS 370	Ethics and Integrity	0.5
BUS 371	Sexual Harassment Prevention	0.5
BUS 372	Workplace Diversity	0.5
BUS 373	Forming a Small Business	0.5
BUS 374	Business Incorporation	0.5
BUS 375	Patents and Copyrights	0.5
BUS 376	Strategic Planning	0.5
BUS 377	Managing Service Quality	0.5
BUS 378	Effective Sales Methods	0.5
BUS 380	Marketing Strategies	0.5
BUS 381	Entering Global Markets	0.5
BUS 382	Advertising & Public Relations Strategies	0.5
BUS 386	Business Resume Writing	1
BUS 387	Executive Leadership: Series	3
BUS 389	Customer Service: Series	3
BUS 391	Human Resources Management: Series	3
BUS 394	Managing Verbal Communication	0.5
BUS 397	Executive Leadership	0.5
BUS 398	Efficient Meetings	0.5
DA 328	Pit and Fissure Sealants Limitation on enrollment: Admittance to dental assisting program. Update course SLOs to focus on specific student learning. California Dental Board mandated curriculum changes.	0.5
DA 332	RDA Law and Ethics Limitation on enrollment: Admittance to dental assisting program. California Dental Board mandated curriculum changes.	0.5
MT 111	CNC CAD/CAM Advisory: MT 109 The title of this course is being changed from Computer Numerical Controlled (CNC) Principles and Practices 2 in order to clarify that courses in machine technology do not necessarily need to be taken sequentially. Current titles for MT 110 and MT 111 (CNC 1 and CNC 2) were assigned in the sequence the courses were created and they wrongly imply that CNC 1 is an intro course and CNC 2 is an intermediate course. In fact, students can also start with CNC 2 and follow with CNC 1. MT 109 is being added as an advisory course; textbook and materials are being replaced by optional, online materials.	4
MT 112	CNC Multi-Axis Advisory: MT 111 The title of the course is changing from Computer Numerical Controlled (CNC) Principles and Practices 3, the required text is being replaced by optional online e-materials.	4

MT 304	Maintenance Awareness A correction in the catalog description clarifies the Manufacturing Skills Standards Council (MSSC) assessment fees are optional.	2
MUS	The modifications to music courses bring the courses in alignment with the state C-ID so that it can be used as part of the music transfer degree.	
MUS 111	Music Theory 1 C-ID MUS 120, C-ID MUS 125 Advisory: MUS 110 or the ability to read music	4
MUS 112	Music Theory 2 Prerequisite: MUS 111 C-ID: MUS 130, C-ID: MUS 135	4
MUS 113	Music Theory 3 Prerequisite: MUS 112 C-ID: MUS 140, C-ID: MUS 145	4
MUS 114	Music Theory 4 Prerequisite: MUS 113 C-ID: MUS 130, C-ID: MUS 135	4

MODIFICATIONS: Programs

Discipline	Program Title and Award	Units
Electronics Technology	Electronics Technology: Mechatronics Associate in Science Course listing is being updated as a result of EL 111, EL 112, EL 113, and EL 114 no longer being offered. These courses are being replaced by EL 118 and EL 119. The program units are not affected.	52
Electronics Technology	Electronics Technology: Mechatronics Certificate of Achievement Course listing is being updated as a result of EL 111, EL 112, EL 113, and EL 114 no longer being offered. These courses are being replaced by EL 118 and EL 119. The program units are not affected.	52
Agribusiness	Enology/Viticulture Associate in Arts Assembly Bill 1989 allows students 18 years or older who are registered in an enology/viticulture program at an approved institution (AHC is one of them) to "sip and spit" wine. Thus AG 310, Winemaking Operations I, 2 units, and AG 311, Winemaking Operations II, 2 units, are being added to the required core courses. The core units will increase from 10 to 14 units. The selected units are changing from 10 units to 8 units maintaining the total program units of 22. Minor wording edits are being made to program outcomes.	22

OTHER MODIFICATIONS

MODIFICATIONS, Other: Effective summer 2017

Proposal Type	Course Prefix	Course Title	Units
Minor Mods	ART 150	Painting in Oils 3 Prerequisite: ART 130	3
	BUS 389	Customer Service: Series	3
	BUS 391	Human Resource Mgt: Series	3
	MUS 117	Electronic Music MIDI Recording	2
Textbook changes	NURS 311	Medication Administration Limitation on enrollment: Admittance to vocational nursing program and successful completion of NURS 310.	1.5
	NURS 323	Respiratory System Limitation on enrollment: Admittance to vocational nursing program and successful completion of NURS 310	2
Course Drops	LE 321	Basic Law Enforcement Academy 1A	7
	LE 322	Basic Law Enforcement Academy 1B These courses are no longer being offered.	7

AGRIBUSINESS: Enology/Viticulture-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 program 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.

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

Required core courses (14 units):		Units
AG 101	Introduction to Winemaking/Enology	3
AG 102	Introduction to Viticulture	3
AG 310	Winemaking Operations I	2
AG 311	Winemaking Operations II	2
CHEM 120	Introductory Chemistry	4

Plus a minimum of 8 units selected from the following:		Units
AG 103	Sensory Evaluation of Wine	3
AG 114	Wine Business	3
AG 125	Soils and Plant Nutrition	4
AG 135	Grapevine Physiology	1
AG 315	Fertilizers & Plant Nutrition	4
BIOL 128	Microbiology	5
BIOL 154	General Botany	5
BUS 121	Business Economics	3
or		
ECON 121	Business Economics	3
CHEM 140	Introductory Organic Chemistry	4
CHEM 150	General Chemistry 1	5
CHEM 151	General Chemistry 2	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

Total Major Units

22

ELECTRONICS TECHNOLOGY: MECHATRONICS-Certificate of Achievement

The associate in science degree or certificate option offer students a comprehensive program of study in the software, electronics and the mechanics of technologies used in automation (process control), robotics, and machine design and maintenance.

The graduate of the certificate of achievement program in electronics technology: mechatronics will:

- Demonstrate a fundamental mastery of knowledge and the use of electronic equipment in electrical, digital and analog circuits.
- Use computer simulation and design software to conduct, analyze and interpret electrical, digital and analog circuits.
- Make calculations involving various electrical laws, formulas and principles for predicting circuit parameters using algebra and trigonometry required for electronics.
- Use research strategies to acquire information pertinent to the solution of electronic circuits and systems.
- Write technical laboratory reports with conclusions.
- Demonstrate learned skills with a capstone project requiring you to design, build and evaluate a piece of electronic equipment.
- Apply current knowledge and adapt to emerging applications of automation and control.

A total of 52 units is required for the certificate.

Required core courses (37 units):		Units
CS 111	Fundamentals of Programming 1	4
EL 104	Introduction to Robotics and Mechatronics	3
or		
CEL 104	Introduction to Robotics and Mechatronics	3
or		
ET 104	Introduction to Robotics and Mechatronics	3
EL 118	Fund of DC and AC Circuits Analysis	3
EL 119	Fundamentals of DC and AC Circuits Analysis Lab	2
EL 122	Electronic Devices and Circuits	3
EL 123	Electronic Devices and Circuits Laboratory	2
EL 125	Digital Devices and Circuits	3
EL 126	Digital Devices and Circuits Lab	2
MT 117	Print Reading and Interpretation	3
or		
WLDT 306	Layout and Fabrication Interpretation	3
EL 146	Electronic Product Design, Fabrication and Documentation	2
ET 140	Engineering Drawing	3
MT 109	Survey of Machining and Manufacturing	4
SP 128	Materials and Processing	3

Plus a minimum of 15 units selected from the following:

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EL 105	PC Preventive Maintenance and Upgrading	3
or		
EL 320	A+ Certification	2
EL 106	Networking Essentials 1	3
EL 107	Networking Essentials 2	3

EL 135	Electronic Measurement and Instrumentation	3
EL 136	Electronics Measurement and Instrumentation Laboratory	2
EL 128	Introduction to Renewable Energy	3
	or	
CEL 128	Intro to Renewable Energy	3
	or	
ET 128	Intro to Renewable Energy	3
EL 131	PLCs and Industrial Control Design	3
	or	
CEL 131	Programmable Logic Controllers and Industrial Control Design	3
	or	
ET 131	Programmable Logic Controllers and Industrial Control Design	3
EL 133	Mechatronic Systems 1	3
	or	
CEL 133	Mechatronic Systems 1	3
	or	
ET 133	Mechatronic Systems 1	3
EL 139	Electrical Power, Motors, and Controls	3
	or	
CEL 139	Electrical Power, Motors, and Controls	3
	or	
ET 139	Electrical Power, Motors, and Controls	3
EL 162	Fluid Power And Control	2
	or	
CEL 162	Fluid Power and Control	2
	or	
ET 162	Fluid Power and Control	2
ET 100	Computer Aided Drafting and Design	3
PHYS 100	Concepts In Physics	3
	or	
PHYS 110	Introductory Physics	3
	or	
PHSC 111	Matter, Energy and Molecules	4
WLDT 106	Beginning Welding	3
WLDT 107	Advanced Welding	3
WLDT 307	G.M.A.W. Welding	3
	or	
WLDT 308	T.I.G. Welding	3
WLDT 315	Metal Fabrication	4

Total Major Units

52

ELECTRONICS TECHNOLOGY: MECHATRONICS-Associate in Science

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- Make calculations involving various electrical laws, formulas and principles for predicting circuit parameters using algebra and trigonometry required for electronics.
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- Write technical laboratory reports with conclusions.
- Demonstrate learned skills with a capstone project requiring you to design, build and evaluate a piece of electronic equipment.
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EL 126	Digital Devices and Circuits Lab	2
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MT 109	Survey of Machining and Manufacturing	4
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or		
EL 320	A+ Certification	2
EL 106	Networking Essentials 1	3

EL 107	Networking Essentials 2	3
EL 135	Electronic Measurement and Instrumentation	3
EL 136	Electronics Measurement and Instrumentation Laboratory	2
EL 128	Introduction to Renewable Energy	3
	or	
CEL 128	Intro to Renewable Energy	3
	or	
ET 128	Intro to Renewable Energy	3
EL 131	PLCs and Industrial Control Design	3
	or	
CEL 131	Programmable Logic Controllers and Industrial Control Design	3
	or	
ET 131	Programmable Logic Controllers and Industrial Control Design	3
EL 133	Mechatronic Systems 1	3
	or	
CEL 133	Mechatronic Systems 1	3
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EL 139	Electrical Power, Motors, and Controls	3
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