

District Curriculum Committee Meeting Minutes

Tuesday, September 3, 2019

4:00pm-5:00pm

CAADO 209

Voting Members	Non-Voting Members/Guests
<input checked="" type="checkbox"/> Brian Johnson (Chair, MATH, NOR)	<input type="checkbox"/> Greg Burchett (BIO, RCC)
<input checked="" type="checkbox"/> Susan Mills (Co-Chair, VC Ed Services, MATH)	<input type="checkbox"/> Lijuan Zhai (AVC Ed Services and Institutional Effectiveness, RCCD)
<input checked="" type="checkbox"/> Kelly Douglass (ENG, RCC)	<input checked="" type="checkbox"/> Heather Edberg (Staff, RCCD)
<input checked="" type="checkbox"/> Ann Pfeifle (HIST, MVC)	<input checked="" type="checkbox"/> Bryan Nicol (Staff, RCCD)
	<input checked="" type="checkbox"/> Rebecca Turner (Staff, RCCD)
	<input type="checkbox"/> Ellen Brown-Drinkwater (AO, RCC)
	<input type="checkbox"/> Nick Franco (AO, NOR)
	<input type="checkbox"/> Jeanne Howard (AO, MVC)
	<input checked="" type="checkbox"/> Sabina Fernandez (Staff, MVC)
	<input checked="" type="checkbox"/> Casandra Greene (Staff, RCC)
	<input type="checkbox"/> Steven Schmidt (MUS, RCC, Chair/District Technical Review Comm.)

Agenda and Minutes

1. Approval of Agenda - Approved (1st Pfeifle, 2nd Douglass, Unanimous)
2. Approval of Minutes - May 21, 2019 – Approved (1st Pfeifle, 2nd Johnson, 1 abstained Douglass, Unanimous)

Reports from Colleges

Nothing to report at this time.

Action Items

1. Curriculum Proposals

Discussion Items

1. Additional Proposal Status – Bryan Nicol
 - a. The following proposals had previously been approved at the college level in 2018, but did not appear on a DCC agenda. The committee voted to forward the following courses to the Board of Trustees for approval: COM-9H, EDU-51, REA-83, ART-4.

2. WKX-200 – Heather Edberg
 - a. A question regarding the proper title of WKX-200 was raised. The proposal currently has the status of In Review in Meta and will be brought to the next DCC meeting.

Information Items

Supporting Documents

1. Course Exclusions
 - a. Riverside CAT Exclusions – CAT 84, 54A, 78A, 78B, 81
 - b. Norco CIS Exclusions – CIS 834-839
 - c. Norco KIN Exclusions – KIN A03, A20, A21, A71, V71
2. AOE Revisions
 - a. Administration and Information Systems
3. New Programs - Credit
 - a. Information Technology Model Curriculum
 - b. IT Technician Pathway: IT Systems Specialist
 - c. Optoelectronics
4. New Programs – Non-credit
 - a. Internet of Things: Embedded Systems & Microcontrollers
 - b. Industrial Automation
5. Program Modifications
 - a. Architectural Graphics
 - b. 3D Mechanical Drafting

District Curriculum Committee

Proposals and Notes for DCC Meeting 09/03/2019

Courses

Course Deletions

		M	N	R	Discussion	Action
CAT 84	Word Processing: WordPerfect for Windows	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Holding to review crosslist with CIS-84.	Hold
Rationale:	The course is not a part of any CAT Program. The course has historical cross-listing which is no longer relevant to the CAT program.					
Tech Review:	Approved, 5/7/2019 Cross listed with CIS-84.					
MOV:	Info Item, 5/14/2019					
NOR:	Info Item, 5/14/2019					
RIV:	Hold, 5/14/2019					
	Course proposal originally launched in META as course exclusion, but is Riverside only. Placed onto agenda as course deletion. Course deletion post-poned until clarification on impacts on cross-listing and programs addressed.					

Course Exclusions

		M	N	R	Discussion	Action
CAT 54A	Introduction to Flash	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Hold
Rationale:	The course is not a part of any CAT Program. The course has historical cross-listing which is no longer relevant to the CAT program.					
Tech Review:	Approved, 5/7/2019 Cross listed with CIS-54A.					
MOV:	Info Item, 5/14/2019					
NOR:	Info Item, 5/14/2019					
RIV:	Hold, 5/14/2019					
	Course exclusion postponed until clarification on impacts on certificates addressed.					
CAT 78A	Introduction to Adobe Photoshop	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Hold
Rationale:	The course is not a part of any CAT Program. The course has historical cross-listing which is no longer relevant to the CAT program.					
Tech Review:	Approved, 5/7/2019 Cross listed with CIS-78A.					
MOV:	Info Item, 5/14/2019					
NOR:	Info Item, 5/14/2019					
RIV:	Hold, 5/14/2019					
	Course exclusion postponed until clarification on impacts on certificates addressed.					
CAT 78B	Advanced Adobe Photoshop	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Hold
Rationale:	The course is not a part of any CAT Program. The course has historical cross-listing which is no longer relevant to the CAT program.					
Tech Review:	Approved, 5/7/2019 Cross listed with CIS-78B.					
MOV:	Info Item, 5/14/2019					
NOR:	Info Item, 5/14/2019					
RIV:	Hold, 5/14/2019					
	Course exclusion postponed until clarification on impacts on certificates addressed.					

Courses

Course Exclusions

		M	N	R	Discussion	Action
CAT 81	Introduction to Desktop Publishing using Adobe InDesign	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Hold
Rationale:	The course is not a part of any CAT Program. The course has historical cross-listing which is no longer relevant to the CAT program.					
Tech Review:	Approved, 5/7/2019 Cross listed with CIS-81.					
MOV:	Info Item, 5/14/2019					
NOR:	Info Item, 5/14/2019					
RIV:	Hold, 5/14/2019					
	Course exclusion postponed until clarification on impacts on certificates addressed.					
CIS 834	Historical Perspective: Napier to Torvalds	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Approved
Rationale:	Campuses Offering: MNR Courses adopted in error. Norco does not want the courses or the noncredit cert.					
Tech Review:	Approved, 5/21/2019					
MOV:	Info Item, 5/28/2019					
NOR:	Approved, 5/28/2019					
RIV:	Info Item, 5/28/2019					
	Course adopted in error. Norco does not want the courses or the noncredit certificate.					
CIS 835	Foundational Approach: World Problems to Work Flow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Approved
Rationale:	Campuses Offering: MNR Courses adopted in error. Norco does not want the courses or the noncredit cert.					
Tech Review:	Approved, 5/21/2019					
MOV:	Info Item, 5/28/2019					
NOR:	Approved, 5/28/2019					
RIV:	Info Item, 5/28/2019					
	Course adopted in error. Norco does not want the courses or the noncredit certificate.					
CIS 836	Computational Tools: Calculators to Spreadsheets	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Approved
Rationale:	Campuses Offering: MNR Courses adopted in error. Norco does not want the courses or the noncredit cert.					
Tech Review:	Approved, 5/21/2019					
MOV:	Info Item, 5/28/2019					
NOR:	Approved, 5/28/2019					
RIV:	Info Item, 5/28/2019					
	Course adopted in error. Norco does not want the courses or the noncredit certificate.					
CIS 837	Boolean Formulation: Logic to Relationships	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Approved
Rationale:	Campuses Offering: MNR Courses adopted in error. Norco does not want the courses or the noncredit cert.					
Tech Review:	Approved, 5/21/2019					
MOV:	Info Item, 5/28/2019					
NOR:	Approved, 5/28/2019					
RIV:	Info Item, 5/28/2019					
	Course adopted in error. Norco does not want the courses or the noncredit certificate.					

Courses

Course Exclusions

		M	N	R	Discussion	Action
CIS 838	Pseudocode and Flowcharts: Descriptive to Visual	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Approved
Rationale:	Campuses Offering: MNR Courses adopted in error. Norco does not want the courses or the noncredit cert.					
Tech Review:	Approved, 5/21/2019					
MOV:	Info Item, 5/28/2019					
NOR:	Approved, 5/28/2019					
RIV:	Info Item, 5/28/2019					
	Course adopted in error. Norco does not want the courses or the noncredit certificate.					
CIS 839	Tools of the Trade: IDE's to Backup	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Approved
Rationale:	Campuses Offering: MNR Courses adopted in error. Norco does not want the courses or the noncredit cert.					
Tech Review:	Approved, 5/21/2019					
MOV:	Info Item, 5/28/2019					
NOR:	Approved, 5/28/2019					
RIV:	Info Item, 5/28/2019					
	Course adopted in error. Norco does not want the courses or the noncredit certificate.					
KIN A03	Adaptive Physical Fitness	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Approved
Rationale:	Campuses Offering: NR Have not offered in many years.					
Tech Review:	Approved, 5/21/2019					
MOV:	Info Item, 5/28/2019					
NOR:	Approved, 5/28/2019					
RIV:	Info Item, 5/28/2019					
	Have not offered in many years.					
KIN A20	Golf, Beginning	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Approved
Rationale:	Campuses Offering: NR Have not offered in many years.					
Tech Review:	Approved, 5/21/2019					
MOV:	Info Item, 5/28/2019					
NOR:	Approved, 5/28/2019					
RIV:	Info Item, 5/28/2019					
	Have not offered in many years.					
KIN A21	Golf, Intermediate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Approved
Rationale:	Campuses Offering: NR Have not offered in many years.					
Tech Review:	Approved, 5/21/2019					
MOV:	Info Item, 5/28/2019					
NOR:	Approved, 5/28/2019					
RIV:	Info Item, 5/28/2019					
	Have not offered in many years.					

Courses

Course Exclusions

KIN A71 **Sand Volleyball: Intermediate/Advanced**

Rationale: Campuses Offering: NR
No facility and no equipment.

Tech Review: Approved, 5/21/2019

MOV: Info Item, 5/28/2019

NOR: **Approved, 5/28/2019**
Have not offered in many years.

RIV: Info Item, 5/28/2019

M N R Discussion

Action

Approved

KIN V71 **Women's Sand Volleyball**

Rationale: Campuses Offering: NR
No facility and no equipment.

Tech Review: Approved, 5/21/2019

MOV: Info Item, 5/28/2019

NOR: **Approved, 5/28/2019**
Have not offered in many years.

RIV: Info Item, 5/28/2019

Approved

Course Major Modifications

CHI 1 **Chinese 1**

Rationale: Update description and textbooks; clarify SLO 3; add objectives, TBA lab content, and sample methods of evaluation and instruction; revise content

Tech Review: Approved, 5/21/2019
Hold for formatting issues.

MOV: Info Item, 5/28/2019

NOR: **Approved, 5/28/2019**

RIV: **Approved, 5/28/2019**

M N R Discussion

Action

Approved

CHI 2 **Chinese 2**

Rationale: Update description and textbooks; clarify SLO 3; add objectives, TBA lab content, and sample methods of evaluation and instruction; revise content.

Tech Review: Approved, 5/21/2019
Hold for formatting issues.

MOV: Info Item, 5/28/2019

NOR: **Approved, 5/28/2019**

RIV: **Approved, 5/28/2019**

Approved

CON 60 **Introduction to Construction**

Rationale: Update text edition, description, objectives, SLOs.

Tech Review: Approved, 5/21/2019
4/2/19, 4/18/19 - Waiting for further updates to COR.

MOV: Info Item, 5/28/2019

NOR: **Hold, 5/28/2019**

RIV: Info Item, 5/28/2019

Further edits are needed to the proposal. Returning to draft.

Return to Draft

CON 61 **Materials of Construction**

Rationale: Update text edition, description, objectives, SLOs.

Tech Review: Approved, 5/21/2019

MOV: Info Item, 5/28/2019

NOR: **Approved, 5/28/2019**

RIV: Info Item, 5/28/2019

Approved

Courses

Course Major Modifications

			M	N	R	Discussion	Action
CON 62	Blueprint Reading		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Further edits are needed to the proposal. Returning to draft.	Return to Draft
Rationale:	Update text edition, description, objectives, SLOs.						
Tech Review:	Approved, 5/21/2019						
MOV:	Info Item, 5/28/2019	NOR:	Hold, 5/28/2019			RIV:	Info Item, 5/28/2019
CON 63A	International Building Code		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Further edits are needed to the proposal. Returning to draft.	Return to Draft
Rationale:	update COR						
Tech Review:	Approved, 5/21/2019						
MOV:	Info Item, 5/28/2019	NOR:	Hold, 5/28/2019			RIV:	Info Item, 5/28/2019
CON 64	Office Procedures and Field Inspection		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Further edits are needed to the proposal. Returning to draft.	Return to Draft
Rationale:	Update text						
Tech Review:	Approved, 5/21/2019						
MOV:	Info Item, 5/28/2019	NOR:	Hold, 5/28/2019			RIV:	Info Item, 5/28/2019
CON 65	Plumbing Code		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Approved
Rationale:	Update source information to current Plumbing Code 2006. Objectives.						
Tech Review:	Approved, 5/21/2019						
MOV:	Info Item, 5/28/2019	NOR:	Approved, 5/28/2019			RIV:	Info Item, 5/28/2019
CON 66	National Electrical Code		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Approved
Rationale:	Under course materials add 2005 National Electric Code						
Tech Review:	Approved, 5/21/2019 4/2/19, 4/18/19 - Waiting for further updates to COR.						
MOV:	Info Item, 5/28/2019	NOR:	Approved, 5/28/2019			RIV:	Info Item, 5/28/2019
CON 67	Mechanical Code		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Approved
Rationale:	Change Edition of text to 2006 Uniform Mechanical Code						
Tech Review:	Approved, 5/21/2019						
MOV:	Info Item, 5/28/2019	NOR:	Approved, 5/28/2019			RIV:	Info Item, 5/28/2019
CON 70	Fundamentals of Soil Technology		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Further edits are needed to the proposal. Returning to draft.	Return to Draft
Rationale:	Change under materials the Uniform Building Code 1997 to International Building Code 2006						
Tech Review:	Approved, 5/21/2019						
MOV:	Info Item, 5/28/2019	NOR:	Hold, 5/28/2019			RIV:	Info Item, 5/28/2019

Courses

Course Major Modifications

		M	N	R	Discussion	Action
CON 71	Energy Conservation Standards	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Approved
Rationale:	Text update, objectives.					
Tech Review:	Approved, 5/21/2019					
MOV:	Info Item, 5/28/2019					
NOR:	Approved, 5/28/2019					
RIV:	Info Item, 5/28/2019					
CON 72	California State Accessibility Standards	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Approved
Rationale:	Update text, description, objectives.					
Tech Review:	Approved, 5/21/2019					
MOV:	Info Item, 5/28/2019					
NOR:	Approved, 5/28/2019					
RIV:	Info Item, 5/28/2019					
CON 73	Project Planning for Site Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Approved
Rationale:	Under course materials add Construction Project Management 3rd edition by Frederick Gould and Nancy Joyce, Update description and objectives.					
Tech Review:	Approved, 5/21/2019					
MOV:	Info Item, 5/28/2019					
NOR:	Approved, 5/28/2019					
RIV:	Info Item, 5/28/2019					
ENE 60	Math for Engineering Technology	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Holding to verify if changes to Method of Instruction and other sections were made.	Hold
Rationale:	Include the addition of course objectives and update textbooks					
Tech Review:	Approved, 5/21/2019 Description may need adjusting. Needs Riverside's approval.					
MOV:	Info Item, 5/28/2019					
NOR:	Hold, 5/28/2019 Needs major revisions from 'Method of Instruction' and the rest of the sections.					
RIV:	Approved, 5/28/2019					
MAN 60	Hydraulic and Pneumatic Systems	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Approved
Rationale:	The reason for this course revision was to respond to an educational need identified by current trends in manufacturing technology. The overall objective is to impart a fundamental knowledge and understanding of fluid power processes for technicians, engineering technologists and/or other manufacturing trades that produce and maintain machinery used in industry.					
Tech Review:	Approved, 5/21/2019 Approving with MAN 860 for certificate.					
MOV:	Info Item, 5/28/2019					
NOR:	Approved, 5/28/2019					
RIV:	Info Item, 5/28/2019					

Courses

New Courses

		M	N	R	Discussion	Action
ENE 851	Blueprint Reading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Approved
Rationale:	Non Credit Education					
Tech Review:	Approved, 4/18/2019 Course is mirrored to ENE 51, which has a major mod at the discipline level. Hours are incorrect.					
	5/7/19 - Recommend a newer text if possible. Hours should match the total hours of the mirrored course.					
	5/21/19 - Brian will make updates to match ENE 51.					
MOV:	Info Item, 5/28/2019					
NOR:	Approved, 5/28/2019					
RIV:	Info Item, 5/28/2019					

MAN 860	Hydraulic and Pneumatic Systems	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Approved
Rationale:	Non credit					
Tech Review:	Approved, 5/21/2019 Mirrored to MAN 60. Pushing both MAN 60 and 860.					
MOV:	Info Item, 5/28/2019					
NOR:	Approved, 5/28/2019					
RIV:	Info Item, 5/28/2019					

Disciplines

Discipline Inclusions

		M	N	R	Discussion	Action
ENP	Entrepreneurship	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Approved
Rationale:	For non-credit courses being created.					
Tech Review:	Approved, 5/21/2019					
MOV:	Approved, 5/28/2019					
NOR:	Info Item, 5/28/2019					
RIV:	Info Item, 5/28/2019					

Programs

AOE Revisions

Area of Emphasis

CIS AA494

Administration and Information Systems

M N R

Discussion

Action

Rationale:

First, to provide a pathway for students that complete the state approved Information Security and Cyber Defense certificate program (CE740) to obtain an associate degree.

4/18/19 - Has been pushed to Academic Senate, but will continue to hold at DCC.

Not Approved

Second, to ensure that all students awarded this degree, take at least CIS-1A to obtain this degree. Since the degree is titled Administration and Information Systems, it is the Business, Information Systems and Technology department's desire that students obtaining this degree have taken at least this core course that is related to administration and information systems

Was sent to Academic Senate and may have been voted down. Noting as Not Approved and removing from the agenda.

Tech Review:

Approved, 11/6/2018

MOV:

NOR:

RIV: Hold, 11/13/2018

11/13/2018 - Postpone to 11/27 meeting.
11/27/2018 - Continue to postpone to consult with affected disciplines.

Programs

New Programs

M N R

Discussion

Action

Certificate

CIS **Information Technology Model Curriculum (Certificate/State)**

Rationale: The goal of this program is to increase diversity in the technical workforce by providing an education platform for entry-level Information Technology support specialists, network technician, infrastructure support, and network security specialist. This program aims to develop quality and quantity of technical professionals to fulfill business needs and generate greater economic impact in the greater Inland Empire region.

Tech Review: Approved, 3/5/2019
New program being created by adding two courses to existing program

MOV: Hold, 3/12/2019
Awaiting the CIS-40A, CIS-40B courses to be approved.

NOR: Hold, 3/26/2019
Missing core courses that Norco doesn't offer.
4/2/2019 - Norco has decided against adding this program to their inventory.

RIV: Approved, 3/12/2019
o This was approved, with changes both required and suggested.
- Suggested
• The title – seems awkward (more like TMC language).
• RIV asked the discipline to consider creating a degree based on this cert.
• PLOs – in the first PLO, replace “Providing...” with “Provide...” The discipline member present agreed.
- Required – there are mistakes on the proposal itself that needs to be fixed.
• Required Core Courses
o CIS 26A (4 units) or CIS 40A (3 units). Unit value isn't correct on proposal.
o This makes the required core courses either 14 or 15 units.
• MAT 4 – this course was recently deleted, and needs to be removed from this cert.
• Total Units – must be modified to 24-25 units

3/19/2019 - Missing supporting documents and college specific POR needed.

4/2/2019 - Norco has decided against adding this program to their inventory.

Continuing to hold for other changes. Awaiting updated POR for Moreno Valley.

Hold

CIS **IT Technician Pathway: IT Systems Specialist**

Rationale: The goal of this program is to increase diversity in the technical workforce by providing an education platform for entry-level IT Systems Specialists, network technician, desktop support, and network specialist. This program aims to develop quality and quantity of technical professionals to fulfill business needs and generate greater economic impact in the greater Inland Empire region. Students will gain soft and technical skills necessary to become entry-level IT Systems Specialist, network technician, desktop support, and network specialist.

Tech Review: Approved, 4/18/2019
Certificate may need to be 16 units, not 15.

MOV: Hold, 4/23/2019
Awaiting for courses CIS 40A, CIS 40C, CIS 40D

NOR: Info Item, 4/23/2019

RIV: Info Item, 4/23/2019

Holding for courses.

Hold

Programs

New Programs

M N R

Discussion

Action

Certificate

LOT	Optoelectronics	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	3/19/19 - Missing supporting documents.	Hold	
Rationale:	Completing the requirements for this Certificate will prepare students with the basic skills needed to gain employment in optoelectronics. An employee with skills in optoelectronics is capable of working in the fields of semiconductor electronics, where computer circuitry and chips are made. In addition, camera and sensor technology relies heavily on optoelectronic devices to detect light optical source technology markets use optoelectronic components in the making of laser diode and light-emitting diode (LED) sources.				
Tech Review:	Approved, 11/20/2018 Check for courses - still in review				
MOV:	Info Item, 3/12/2019	NOR:	Approved, 3/12/2019	RIV:	Info Item, 3/12/2019

Continuing to hold.

Non-Credit Certificate

CIS	Internet of Things (IoT): Embedded Systems & Microcontrollers	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Awaiting CIS 833C.	Hold	
Rationale:	The Internet of Things (IoT): Embedded Systems and Microcontrollers certificate will provide students with proficiency in the areas of microcontroller and embedded system configuration, programming, design, prototyping for consumer market.				
Tech Review:	Approved, 10/16/2018				
MOV:	Approved, 11/13/2018	NOR:	Info Item, 10/23/2018	RIV:	Info Item, 10/23/2018

ELE	Industrial Automation	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		Approved	
Rationale:	The Industrial Automation program teaches how to use Electronic, Microprocessors, Microcontrollers, Programmable Logic Control and Fluid Power systems to create and program new machinery used in industry. This certificate of completion prepares students for employment as an automated systems technician, maintenance mechanic, or general maintenance workers.				
Tech Review:	Approved, 5/21/2019 Holding for courses.				
MOV:	Info Item, 5/28/2019	NOR:	Approved, 5/28/2019	RIV:	Info Item, 5/28/2019

Program Modifications

M N R

Discussion

Action

Certificate

ARE	Architectural Graphics	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		Approved	
Rationale:	Due to attached LMI report for job placement, courses added to the certificate.				
Tech Review:	Approved, 5/21/2019 Moving from local to state approved. Brian will follow up to see if department would also like the associates degree.				
MOV:	Info Item, 5/28/2019	NOR:	Approved, 5/28/2019	RIV:	Info Item, 5/28/2019

ENE	3D Mechanical Drafting	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		Approved	
Rationale:	Due to attached LMI report for job placement, the current certificate is updated with Print Reading, Technical Communication and CAD courses as a skill for job placement.				
Tech Review:	Approved, 5/21/2019 Moving from local to state approved. Brian will follow up to see if department would also like the associates degree.				
MOV:	Info Item, 5/28/2019	NOR:	Approved, 5/28/2019	RIV:	Info Item, 5/28/2019