

## District Curriculum Committee Meeting Agenda

**Tuesday, May 17, 2022****4:00-5:00pm****CAADO 209/Zoom**

Committee Members	Guests
<input type="checkbox"/> Brian Johnson (Chair, MAT, NOR)	<input type="checkbox"/> Lijuan Zhai (AVC Ed Services and Institutional Effectiveness, RCCD)
<input type="checkbox"/> Jeannie Kim (Co-Chair, VC Ed. Services)	<input type="checkbox"/> Steven Schmidt (MUS, RCC)
<input type="checkbox"/> Kelly Douglass (ENG, RCC)	<input type="checkbox"/> Bryan Medina (Staff, RCCD)
<input type="checkbox"/> Ann Pfeifle (HIS, MVC)	<input type="checkbox"/> Ellen Brown-Drinkwater (AO, RCC)
	<input type="checkbox"/> Nick Franco (AO, NOR)
	<input type="checkbox"/> Jeanne Howard (AO, MVC)
	<input type="checkbox"/> Sabina Fernandez (Staff, MVC)
	<input type="checkbox"/> Casandra Greene (Staff, RCC)
	<input type="checkbox"/> Nicole Brown (Staff, NOR)
Additional Guests:	

**Zoom Information**

<https://rccd-edu.zoom.us/j/95959517466?pwd=dzlwRnBUTEJ4RStNeFhDSVUwd0M3QT09>

Meeting ID: 959 5951 7466; Passcode: 961648

+1 669 900 6833

**Agenda and Minutes**

1. Approval of Agenda
2. Approval of Minutes – May 3, 2022

**Reports from Colleges**

1. Moreno Valley
2. Norco
3. Riverside

**Action Items**

1. Curriculum Proposals

**Discussion Items** - None

**Program Documentation**

1. New Programs
  - a. Noncredit Essential 3D Tour
  - b. Noncredit Essential Revit
  - c. Noncredit Essential CAD
  - d. Noncredit Essential Fusion 360
  - e. Noncredit Essential SolidWorks

# District Curriculum Committee

Proposals for Review for Meeting: 05/17/2022

## Courses

### Course Major Modifications

M N R Discussion Action

EAR 19 **Observation and Assessment in Early Childhood Education**

**Rationale:** Updating course SLOs, Objectives and Content to remain aligned with the California Alignment Project and the CTC Teacher Performance Expectations. We also added new language around equity and diversity.

**Tech Review:** Approved, 5/3/2022

**MOV:** [Approved, 5/10/2022](#)

**NOR:** [Tabled, 5/10/2022](#)

**RIV:** [Approved, 5/10/2022](#)

Accidentally didn't add it to the agenda. Will add it to the 5/24/22 agenda for vote.

EAR 20 **Child Growth and Development**

**Rationale:** Updating course SLOs, Objectives and Content to remain aligned with the California Alignment Project and the CTC Teacher Performance Expectations. We also added new language around equity and diversity.

**Tech Review:** Approved, 5/3/2022

Content area 5 seems to be incomplete. Content area 1 may need further explanation.

**MOV:** [Approved, 5/10/2022](#)

**NOR:** [Tabled, 5/10/2022](#)

**RIV:** [Approved, 5/10/2022](#)

Accidentally didn't add it to the agenda. Will add it to the 5/24/22 agenda for vote.

EAR 24 **Introduction to Curriculum**

**Rationale:** Updating SLOs, Objectives, and course content to maintain alignment with the California Alignment Project and to align with CTC Teacher Performance Expectations. Also included language around equity and diversity.

**Tech Review:** Approved, 5/3/2022

**MOV:** [Approved, 5/10/2022](#)

**NOR:** [Tabled, 5/10/2022](#)

**RIV:** [Approved, 5/10/2022](#)

Accidentally didn't add it to the agenda. Will add it to the 5/24/22 agenda for vote.

EAR 26 **Health, Safety and Nutrition**

**Rationale:** This course is one of the California Alignment Project Required 8 courses and needs modifying to bring it into alignment with the most current version, which is also aligned to the newly created Commission for Teacher Credentialing, Teacher Performance Expectations (TPEs) . Also updated with new language around equity and diversity.

**Tech Review:** Approved, 5/3/2022

**MOV:** [Approved, 5/10/2022](#)

**NOR:** [Tabled, 5/10/2022](#)

**RIV:** [Approved, 5/10/2022](#)

Accidentally didn't add it to the agenda. Will add it to the 5/24/22 agenda for vote.

# Courses

## Course Major Modifications

M N R Discussion Action

EAR 28 Principles and Practices of Teaching Young Children

**Rationale:** This course is one of the California Alignment Project Required 8 courses and needs modifying to bring it into alignment with the most current version, which is also aligned to the newly created Commission for Teacher Credentialing, Teacher Performance Expectations (TPEs) . Also updated with new language around equity and diversity.

**Tech Review:** Approved, 5/3/2022  
Equity content in course content, but the phrasing may be not correct or need development.

**MOV:** [Approved, 5/10/2022](#)      **NOR:** [Tabled, 5/10/2022](#)      **RIV:** [Approved, 5/10/2022](#)  
Accidentally didn't add it to the agenda. Will add it to the 5/24/22 agenda for vote.

EAR 30 Practicum in Early Childhood Education

**Rationale:** This course is one of the California Alignment Project Required 8 courses and needs modifying to bring it into alignment with the most current version, which is also aligned to the newly created Commission for Teacher Credentialing, Teacher Performance Expectations (TPEs) . Also updated with new language around equity and diversity..

**Tech Review:** Approved, 5/3/2022  
Course content item 3a, should be (i), (ii), (iii).

**MOV:** [Approved, 5/10/2022](#)      **NOR:** [Tabled, 5/10/2022](#)      **RIV:** [Approved, 5/10/2022](#)  
Accidentally didn't add it to the agenda. Will add it to the 5/24/22 agenda for vote.

EAR 42 Child, Family, and Community

**Rationale:** This course is one of the California Alignment Project Required 8 courses and needs modifying to bring it into alignment with the most current version, which is also aligned to the newly created Commission for Teacher Credentialing, Teacher Performance Expectations (TPEs) . Also updated with new language around equity and diversity.

**Tech Review:** Approved, 5/3/2022  
Has GESLOs. Content missing some leveling.

**MOV:** [Approved, 5/10/2022](#)      **NOR:** [Tabled, 5/10/2022](#)      **RIV:** [Approved, 5/10/2022](#)  
Accidentally didn't add it to the agenda. Will add it to the 5/24/22 agenda for vote.

## Course Minor Modifications

M N R Discussion Action

KIN V04 Basketball, Varsity, Men

**Rationale:** Update course materials.

**Tech Review:** Approved, 5/3/2022

**MOV:** Info Item, 5/10/2022      **NOR:** Info Item, 5/10/2022      **RIV:** Info Item, 5/10/2022

# Courses

## Distance Education

		M	N	R	Discussion	Action
DFT 31DE	Advanced Computer Aided Drafting (CAD)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022 Moving forward, but will obtain department minutes en route.						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
DFT 62DE	Basic Fusion 360	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
DFT 63DE	Advanced Fusion 360	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
GEG 5DE	Weather and Climate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Approved, 5/10/2022		
GEG 6DE	Geography of the United States and Canada	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Approved, 5/10/2022		
GEG 7DE	Map Interpretation and Analysis	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Approved, 5/10/2022	<b>NOR:</b> Info Item, 5/10/2022		<b>RIV:</b> Approved, 5/10/2022		
GEG 8DE	Introduction to Geographic Information Systems, with Lab	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Approved, 5/10/2022	<b>NOR:</b> Info Item, 5/10/2022		<b>RIV:</b> Approved, 5/10/2022		

# Courses

## Distance Education

		M	N	R	Discussion	Action
PHS 5DE	Weather and Climate	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022					
<b>NOR:</b>	Info Item, 5/10/2022					
<b>RIV:</b>	Approved, 5/10/2022					

## New Courses

		M	N	R	Discussion	Action
ARE 824	Revit I-Architectural Drafting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>	Developed as a part of a noncredit certificate.					
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022					
<b>NOR:</b>	Approved, 5/10/2022					
<b>RIV:</b>	Info Item, 5/10/2022					
ARE 825	Revit II-Advanced Architectural Drafting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>	Developed as a part of a noncredit certificate.					
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022					
<b>NOR:</b>	Approved, 5/10/2022					
<b>RIV:</b>	Info Item, 5/10/2022					
ARE 863	3D Tour, Virtual, Mixed, Augmented and Extended Reality	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>	Developed as a part of a noncredit certificate.					
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022					
<b>NOR:</b>	Approved, 5/10/2022					
<b>RIV:</b>	Info Item, 5/10/2022					
CON 862	Print Reading for Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>	Developed as a part of a noncredit certificate.					
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022					
<b>NOR:</b>	Approved, 5/10/2022					
<b>RIV:</b>	Info Item, 5/10/2022					

# Courses

## New Courses

		M	N	R	Discussion	Action
CRP 402B	Slabs/Interior-Exterior Footings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022					
	Regarding all CRP courses: Numbering convention does not make sense and could be a problem when the courses are assembled into programs, but the numbering matches the apprenticeship curriculum numbering system which will streamline it for students.					
	Some of these courses also look like leveled courses and they do a good job of having related curriculum, but they do not have prerequisites. However, apprenticeships have a very distinct written out pathway for the students.					
	For almost all courses, the units are made up of a lecture and a lab component -- is there a lecture component in a course at Norco college? No, all lecture/lab is done at the carpenter's facility.					
	For some courses, the lecture and lab content is exactly the same, or the lab content is a copy pasted portion of the lecture. When we look at lab content, it is supposed to be distinct from the lecture content. There have been courses in the past where they are identical. The PCAH also doesn't state that they cannot be the same, although that is not our norm, but it would be desirable for them to be distinct. Apprenticeship, however, really does run the lecture and lab together. The courses are very hands on.					
	Some content appears to be Welding courses. Some courses will have a welding component because that is a part of the apprenticeship carpentry program. The students are not learning general welding, they are learning welding for carpentry specifically. There is some overlap, and we are expressly charged with preventing that from happening. Because of the apprenticeship rationale, we could go to any accreditation agency and provide that rationale.					
	There are a number of courses that appear to be duplicates. These courses were updated. Lifting and Bracing safety, one is site awareness, and the second is the actual lifting process. There will be many similarities, but there is contextualization for the courses.					
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b>	Approved, 5/10/2022	<b>RIV:</b>	Info Item, 5/10/2022	
CRP 403A	Tilt-Up Introduction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b>	Approved, 5/10/2022	<b>RIV:</b>	Info Item, 5/10/2022	
CRP 404	Lifting and Bracing Safety - Site Awareness	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>	An agreement (Attached MOU) made with Southwest Carpenters Union to have them train our students with the courses we develop based on Carpenter's Union Curriculum and Santiago Valley College. These courses are same as 400 series apprenticeship programs, taught by professionals on the job site. (No New hire required). We are planning to schedule this program/courses in Fall 22					
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b>	Approved, 5/10/2022	<b>RIV:</b>	Info Item, 5/10/2022	
CRP 404A	Lifting and Bracing Safety - Lifting Awareness	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b>	Approved, 5/10/2022	<b>RIV:</b>	Info Item, 5/10/2022	

# Courses

## New Courses

		M	N	R	Discussion	Action
CRP 404B	Poured-in-Place Wall Forms	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 404C	Print Reading - Symbols	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 405A	Wall-Column Forms/Cutting and Burning	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 405B	Site Work/Curb and Gutter	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 405C	Specialized Forms and Rigging	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 421A	Orientation - Hand Tools Safety	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 421B	Safety and Health Certifications - Hand & Power Tools Applications	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
Some of the objectives are repeated. "Students will" should be removed from the SLO.						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		



# Courses

## New Courses

		M	N	R	Discussion	Action
CRP 421C	Basic Wall Framing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022					
<b>NOR:</b>	Approved, 5/10/2022					
<b>RIV:</b>	Info Item, 5/10/2022					
CRP 421E	Tool/Equipment Applications - Emergency Response Procedures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022					
<b>NOR:</b>	Approved, 5/10/2022					
<b>RIV:</b>	Info Item, 5/10/2022					
CRP 422A	Commercial Floor Framing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022					
<b>NOR:</b>	Approved, 5/10/2022					
<b>RIV:</b>	Info Item, 5/10/2022					
CRP 422B	Basic Stairs	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022					
<b>NOR:</b>	Approved, 5/10/2022					
<b>RIV:</b>	Info Item, 5/10/2022					
CRP 422D	Exterior Finish Details	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022					
<b>NOR:</b>	Approved, 5/10/2022					
<b>RIV:</b>	Info Item, 5/10/2022					
CRP 422E	Commercial Roof Framing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022					
<b>NOR:</b>	Approved, 5/10/2022					
<b>RIV:</b>	Info Item, 5/10/2022					
CRP 423B	Basic Roof Framing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022					
<b>NOR:</b>	Approved, 5/10/2022					
<b>RIV:</b>	Info Item, 5/10/2022					

# Courses

## New Courses

		M	N	R	Discussion	Action
CRP 423C	Advanced Roof Framing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 424A	Basic Commercial Framing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 424B	Advanced Commercial Framing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 424C	Panelized Roofing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 424D	Transit Level/Laser	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 424E	Total Station I	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 425	Welding Fabrication	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		

# Courses

## New Courses

		M	N	R	Discussion	Action
CRP 425A	Foundations and Flatwork	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b>	Approved, 5/10/2022	<b>RIV:</b>	Info Item, 5/10/2022	
CRP 425C	Advanced Stairs	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b>	Approved, 5/10/2022	<b>RIV:</b>	Info Item, 5/10/2022	
CRP 425D	Advanced Print Reading - Digital Planning	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022 Course hours to not add up to 2 units. Hours add up to 1.5 unit class.						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b>	Approved, 5/10/2022	<b>RIV:</b>	Info Item, 5/10/2022	
CRP 426A	Tilt-Up Panel Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b>	Approved, 5/10/2022	<b>RIV:</b>	Info Item, 5/10/2022	
CRP 426B	Wall Forming	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b>	Approved, 5/10/2022	<b>RIV:</b>	Info Item, 5/10/2022	
CRP 426C	Gang Forms/Columns	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b>	Approved, 5/10/2022	<b>RIV:</b>	Info Item, 5/10/2022	
CRP 426D	Abutments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b>	Approved, 5/10/2022	<b>RIV:</b>	Info Item, 5/10/2022	

# Courses

## New Courses

		M	N	R	Discussion	Action
CRP 427C	Beam and Deck Forming	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 427D	Stairs and Ramp Forming	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 428A	Bridge Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 428C	Intermediate Commercial Framing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 428E	Bridge Falsework	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 429A	Rigging	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 429BJ	Rigging Qualification Studies - Journeyworker	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		

# Courses

## New Courses

		M	N	R	Discussion	Action
CRP 429C	Solar Installer Level 1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 430A	Standard First Aid	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 433A	Cabinet Millwork and Assembly	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022 Objectives are duplicated.						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 433B	Cabinet Installation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 433C	Show Case and Loose Store Fixtures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 433D	Molding and Trims	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 434A	Plastic Laminates	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		

# Courses

## New Courses

		M	N	R	Discussion	Action
CRP 434B	Solid and Stone Surfaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 434C	Stair Trim	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 434D	Doors and Door Hardware	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022 Remove hours from lab content.						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 435C	Exit and Electrical Security Devices	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 440CJ	Scaffold Erector, Standard 40 Hour - Journeyworker	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022 There are 5 classes that specifically say journeyman. The students are working towards their journeyman card. This says 40 hours, which is a requirement for the journey worker card. The course itself is not 40 hours. The 40 hours is a reference to the journeyworker card.						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 440EJ	Scaffold Erector, Systems Scaffold - Journeyworker	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022 Lecture hours are 10.8. We report on hours to the state and apprenticeship reports hours to the state. Reporting for hours also follows a different calculation, where only the hours the student attends are reported.						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 441A	Powered Industrial Truck Operator - Rough Terrain	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		

# Courses

## New Courses

		M	N	R	Discussion	Action
CRP 441B	Powered Industrial Truck Operator	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 461A	Acoustical Ceilings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 461B	Advanced Acoustical Ceiling Layout	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022 May have formatting error, but content may also need development.						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 461C	Advanced Acoustical Ceiling Installation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 462	Standard Acoustical Grids	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 463	Suspended Ceilings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 464	Acoustical Soffits	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		

# Courses

## New Courses

		M	N	R	Discussion	Action
CRP 465	Prefab/Sound Panels	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 466	Concealed/Glue-Up/Staple-Up Systems	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 467	Designer and Specialty Trims	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 468	Metal Pan and Security Systems	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 471A	Orientation - Power Tools Safety	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 471B	Safety and Health Certifications - Scaffold	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 471C	Tool/Equipment Applications - Fall Protection	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		



# Courses

## New Courses

		M	N	R	Discussion	Action
CRP 472A	Basic Metal Framing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 472B	Basic Lathing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 472C	Advanced Lathing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 473A	Framing Ceilings and Soffits	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 473B	Framing Suspended Ceilings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 473C	Framing Curves and Arches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 474A	Print Reading - Specifications	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		

# Courses

## New Courses

		M	N	R	Discussion	Action
CRP 474B	Advanced Print Reading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 474C	Air, Moisture, and Thermal Barriers	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 475A	Light Gage Welding AWS - A	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 475B	Light Gage Welding LAC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 475C	Light Gage Welding AWS - B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 476A	Basic Hand Finishing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		
CRP 476B	Automatic Finishing Tools	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022 Objectives are duplicated.						
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b> Approved, 5/10/2022		<b>RIV:</b> Info Item, 5/10/2022		

# Courses

## New Courses

		M	N	R	Discussion	Action
CRP 477A	Drywall Installation/Finish Trims	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022					
<b>NOR:</b>	Approved, 5/10/2022					
<b>RIV:</b>	Info Item, 5/10/2022					
CRP 477B	Advanced Hand Finishing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022					
<b>NOR:</b>	Approved, 5/10/2022					
<b>RIV:</b>	Info Item, 5/10/2022					
CRP 477C	Advanced Automatic Finishing Tools	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022 Objectives are duplicated.					
<b>MOV:</b>	Info Item, 5/10/2022					
<b>NOR:</b>	Approved, 5/10/2022					
<b>RIV:</b>	Info Item, 5/10/2022					
CRP 478B	Advanced Metal Framing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022					
<b>NOR:</b>	Approved, 5/10/2022					
<b>RIV:</b>	Info Item, 5/10/2022					
CRP 478C	Wet Wall Finishes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022					
<b>NOR:</b>	Approved, 5/10/2022					
<b>RIV:</b>	Info Item, 5/10/2022					
CRP 478D	Ceiling and Soffit Finishing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022					
<b>NOR:</b>	Approved, 5/10/2022					
<b>RIV:</b>	Info Item, 5/10/2022					
CRP 479A	Drywall and Acoustical Ceilings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022					
<b>NOR:</b>	Approved, 5/10/2022					
<b>RIV:</b>	Info Item, 5/10/2022					

# Courses

## New Courses

		M	N	R	Discussion	Action
CRP 479C	Drywall Applications - Production Drywall Hanging	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b> Info Item, 5/10/2022		<b>NOR:</b> <a href="#">Approved, 5/10/2022</a>		<b>RIV:</b> Info Item, 5/10/2022		
CRP 479D	Drywall Applications - Drywall Estimating	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b> Info Item, 5/10/2022		<b>NOR:</b> <a href="#">Approved, 5/10/2022</a>		<b>RIV:</b> Info Item, 5/10/2022		
CRP 482B	S/B Firestop/Fireproofing Procedures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022 What is SB? It does not say anywhere in the course outline.						
<b>MOV:</b> Info Item, 5/10/2022		<b>NOR:</b> <a href="#">Approved, 5/10/2022</a>		<b>RIV:</b> Info Item, 5/10/2022		
CRP 482C	Decorative Trims and Textures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b> Info Item, 5/10/2022		<b>NOR:</b> <a href="#">Approved, 5/10/2022</a>		<b>RIV:</b> Info Item, 5/10/2022		
CRP 483	Door and Door Frames	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022 Titles will be reviewed.						
<b>MOV:</b> Info Item, 5/10/2022		<b>NOR:</b> <a href="#">Approved, 5/10/2022</a>		<b>RIV:</b> Info Item, 5/10/2022		
CRP 483C	Door/Door Frame	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022 Titles will be reviewed.						
<b>MOV:</b> Info Item, 5/10/2022		<b>NOR:</b> <a href="#">Approved, 5/10/2022</a>		<b>RIV:</b> Info Item, 5/10/2022		
CRP 486A	Exterior Insulation Finish Systems (EIFS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b> Approved, 5/3/2022						
<b>MOV:</b> Info Item, 5/10/2022		<b>NOR:</b> <a href="#">Approved, 5/10/2022</a>		<b>RIV:</b> Info Item, 5/10/2022		

# Courses

## New Courses

		M	N	R	Discussion	Action
<b>CRP 489</b>	<b>Freeform Lathing</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b>	Approved, 5/10/2022		<b>RIV:</b>	Info Item, 5/10/2022
<b>CRP 490</b>	<b>Residential Steel Stud Framing</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022 Formatting may need to be adjusted.					
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b>	Approved, 5/10/2022		<b>RIV:</b>	Info Item, 5/10/2022
<b>CRP 494J</b>	<b>Confined Space - Journeyworker</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b>	Approved, 5/10/2022		<b>RIV:</b>	Info Item, 5/10/2022
<b>CRP 495</b>	<b>Water Treatment Facilities</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>						
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b>	Approved, 5/10/2022		<b>RIV:</b>	Info Item, 5/10/2022
<b>DFT 830</b>	<b>Computer Aided Drafting (CAD)</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>	Developed as a part of a noncredit certificate.					
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b>	Approved, 5/10/2022		<b>RIV:</b>	Info Item, 5/10/2022
<b>DFT 831</b>	<b>Advanced Computer Aided Drafting (CAD)</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>	Developed as a part of a noncredit certificate.					
<b>Tech Review:</b>	Approved, 5/3/2022					
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b>	Approved, 5/10/2022		<b>RIV:</b>	Info Item, 5/10/2022
<b>DFT 842</b>	<b>SolidWorks I</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Rationale:</b>	Developed as a part of a noncredit certificate.					
<b>Tech Review:</b>	Approved, 5/3/2022 Crossdiscipline of ENE to be added. '2a' blank content to be removed.					
<b>MOV:</b>	Info Item, 5/10/2022	<b>NOR:</b>	Approved, 5/10/2022		<b>RIV:</b>	Info Item, 5/10/2022

## Courses

### New Courses

DFT 842B SolidWorks II

**Rationale:** Developed as a part of a noncredit certificate.

**Tech Review:** Approved, 5/3/2022  
Crossdiscipline of ENE to be added. '2a' blank content to be removed.

**MOV:** Info Item, 5/10/2022

**NOR:** [Approved, 5/10/2022](#)

**RIV:** Info Item, 5/10/2022

M N R Discussion

Action

DFT 862 Basic Fusion 360

**Rationale:** Emerging technology for makers. A part of "Essential Fusion 360" certificate.

**Tech Review:** Approved, 5/3/2022

**MOV:** Info Item, 5/10/2022

**NOR:** [Approved, 5/10/2022](#)

**RIV:** Info Item, 5/10/2022

DFT 863 Advanced Fusion 360

**Rationale:** Developed as a part of a noncredit certificate.

**Tech Review:** Approved, 5/3/2022

**MOV:** Info Item, 5/10/2022

**NOR:** [Approved, 5/10/2022](#)

**RIV:** Info Item, 5/10/2022

## General Education

### General Education Modifications

MAT 9 BSTEM College Algebra

**Rationale:** The Math discipline has voted to approve Math 9 to satisfy the RCCD GE requirement in Language and Rationality.

**Tech Review:** Approved, 5/3/2022

**MOV:** [Approved, 5/10/2022](#)

**NOR:** [Approved, 5/10/2022](#)

**RIV:** [Approved, 5/10/2022](#)

M N R Discussion

Action

## Programs

### New Programs

#### Non-Credit Certificate

ARE Noncredit Essential 3D Tour

**Rationale:** To make this program available to a broader range of students and professionals who just need the training and increase the level of skills in the community.

**Tech Review:** Approved, 5/3/2022

**MOV:** Info Item, 5/10/2022

**NOR:** [Approved, 5/10/2022](#)

**RIV:** Info Item, 5/10/2022

M N R Discussion

Action

# Programs

## New Programs

M N R Discussion

Action

### Non-Credit Certificate

ARE Noncredit Essential Revit

**Rationale:** To make this program available to a broader range of student and professionals who just need the training and increase the level of skills in the community.

**Tech Review:** Approved, 5/3/2022

**MOV:** Info Item, 5/10/2022

**NOR:** [Approved, 5/10/2022](#)

**RIV:** Info Item, 5/10/2022

DFT Noncredit Essential CAD

**Rationale:** To make this program available to a broader range of students and professionals who just need the training and increase the level of skills in the community.

**Tech Review:** Approved, 5/3/2022

**MOV:** Info Item, 5/10/2022

**NOR:** [Approved, 5/10/2022](#)

**RIV:** Info Item, 5/10/2022

DFT Noncredit Essential Fusion 360

**Rationale:** To make this program available to a broader range of student and professionals who just need the training and increase the level of skills in the community.

**Tech Review:** Approved, 5/3/2022

**MOV:** Info Item, 5/10/2022

**NOR:** [Approved, 5/10/2022](#)

**RIV:** Info Item, 5/10/2022

DFT Noncredit Essential SolidWorks

**Rationale:** To make this program available to a broader range of student and professionals who just need the training and increase the level of skills in the community.

**Tech Review:** Approved, 5/3/2022

**MOV:** Info Item, 5/10/2022

**NOR:** [Approved, 5/10/2022](#)

**RIV:** Info Item, 5/10/2022

**Program Outline**

**Title: Noncredit Essential 3D Tour**

**Originator: Farshid Mirzaei**  
**Department: BEIT**

**Date 3/3/2022**

**College:**  Moreno Valley College     Norco College     Riverside City College  
*(Please note: Programs are college specific. If multiple colleges wish to include this program, a separate proposal and college specific supporting documents are required.)*

**TOPs Code:** 0201.00    **CIP Code:** 04.0901

**Certificate is being proposed as:**

**Certificate of Completion (CDCP Eligible)**     **Certificate of Competency (CDCP Eligible)**

*Please specify non-credit category:*

- Short-Term Vocational     Workforce Preparation  
 English as a Second Language     Elementary and Secondary Basic Skills

**Local Non-Credit Certificate (Not CDCP Eligible; Not Submitted to State Chancellor’s Office)**

*Please specify non-credit category:*

- Citizenship for Immigrants     Health and Safety  
 Parenting     Courses for Persons with Substantial Disabilities  
 Home Economics     Courses for Older Adults

**This is a:**     New non-credit certificate     Modification to an existing non-credit certificate

**If this is a modification to an existing non-credit certificate, please specify the changes being made:**  
*(Please be specific! Indicate any changes to title, description, learning outcomes, courses, contact hour values, etc.)*

**Rationale:**

*To make this program available to a broader range of student and professionals who just need the training and increase the level of skills in the community.*

**Required Documentation**

Please submit this form and the documents outlined below to your college coordinator and the District Technical Review committee via [TechReview@rccd.edu](mailto:TechReview@rccd.edu). Please do not submit your proposal until all of the documentation below is complete.

**All new and modified programs must include the following:**

- Evidence of district-wide discipline communication  
 Department minutes showing approval  
 Narrative *(See following page)*  
 Labor Market Information and Analysis *(For certificates in the Short-Term Vocational category only)*  
*Attached*



In 2019, there were 2,184 combined drafting jobs in the Inland Empire/Desert Region. Drafting occupations are expected to have 235 annual job openings, rising by 7%. Exhibit 1 displays the job counts, five-year projected job growth, job openings, and the share of incumbent workers age 55 years and greater working in the drafting occupational group. (Attached report)

**Program Narrative**

**Item 1. Program Goals and Objectives**

*Upon successful completion of the course, students should be able to demonstrate the following activities:*

1. *Read Architectural documents and blueprints*
2. *Prepare a visual 3D presentation inside or outside a building for potential clients*

**Item 2. Catalog Description**

The Essential 3D Tour program prepares students with the knowledge and skill in reading Architectural documents and blueprints with technics in presenting an existing building in a three-dimensional virtual tour for later remodeling or design. Students learn to set and use advanced building scanner/camera and drones in presenting spatial aspects of building in a virtual walkthrough or virtual fly around the building and landscapes.

**Item 3. Program Requirements**

*Building Scanner, Camera and virtual tour software will be provided by college. Students need a software access and a computer for home assignments.*

Required Courses: 279 hours

Course	Title	Hours	Sequencing
CON-862	Blueprint Reading for Construction	162	Semester 1, Fall
ARE-863	3D Tour - VR, AR, MR and XR	117	Semester 2, Spring

Elective Courses: 0 hours

Course	Title	Hours	Sequencing
None			

Total Program Units: 279 hours

**Item 4. Master Planning**

This certificate serves our students by providing a unique educational opportunity with cutting-edge technology to a diverse group of talents in creating job opportunity for students, entrepreneurs, and professionals who need to update their skills in the field.

**Program Outline**

**Title: Noncredit Essential Revit**

**Originator: Farshid Mirzaei  
Department: BEIT**

**Date 3/3/2022**

**College:**  Moreno Valley College     Norco College     Riverside City College  
*(Please note: Programs are college specific. If multiple colleges wish to include this program, a separate proposal and college specific supporting documents are required.)*

**TOPs Code:** 0201.00    **CIP Code:** 04.0901

**Certificate is being proposed as:**

**Certificate of Completion (CDCP Eligible)**     **Certificate of Competency (CDCP Eligible)**

*Please specify non-credit category:*

- Short-Term Vocational     Workforce Preparation  
 English as a Second Language     Elementary and Secondary Basic Skills

**Local Non-Credit Certificate (Not CDCP Eligible; Not Submitted to State Chancellor’s Office)**

*Please specify non-credit category:*

- Citizenship for Immigrants     Health and Safety  
 Parenting     Courses for Persons with Substantial Disabilities  
 Home Economics     Courses for Older Adults

**This is a:**     New non-credit certificate     Modification to an existing non-credit certificate

**If this is a modification to an existing non-credit certificate, please specify the changes being made:**  
*(Please be specific! Indicate any changes to title, description, learning outcomes, courses, contact hour values, etc.)*

**Rationale:**

*To make this program available to a broader range of student and professionals who just need the training and increase the level of skills in the community.*

**Required Documentation**

Please submit this form and the documents outlined below to your college coordinator and the District Technical Review committee via [TechReview@rccd.edu](mailto:TechReview@rccd.edu). Please do not submit your proposal until all of the documentation below is complete.

**All new and modified programs must include the following:**

- Evidence of district-wide discipline communication  
 Department minutes showing approval  
 Narrative *(See following page)*  
 Labor Market Information and Analysis *(For certificates in the Short-Term Vocational category only)*  
*Attached*

In 2019, there were 2,184 combined drafting jobs in the Inland Empire/Desert Region. Drafting occupations are expected to have 235 annual job openings, rising by 7%. Exhibit 1 displays the job counts, five-year projected job growth, job openings, and the share of incumbent workers age 55 years and greater working in the drafting occupational group. (Attached report)

**Program Narrative**

**Item 1. Program Goals and Objectives**

*Upon successful completion of the course, students should be able to demonstrate the following activities:*

1. *Prepare Architectural drawings including plan, elevation, roof using Autodesk Revit.*
2. *Prepare Architectural rendering, solar study and perspectives using Autodesk Revit*

**Item 2. Catalog Description**

This program prepares students with the knowledge and skill in using Autodesk Revit Architecture for building Information Modeling on computer to document building information and drawings with architectural details. Students learn to render their architectural design and present solar study using Revit.

**Item 3. Program Requirements**

*Software is free to students and college. Computer will be accessible by college. Students may use their home computer for homework.*

Required Courses:   234   hours

Course	Title	Hours	Sequencing
ARE-824	Revit I-Architectural Drafting	117	Semester 1, Fall
ARE-825	Revit II-Advanced Architectural Drafting	117	Semester 2, Spring

Elective Courses:   0   hours

Course	Title	Hours	Sequencing
None			

Total Program Units:   234 hours

#### **Item 4. Master Planning**

This certificate serves our students by providing a unique educational opportunity with a cutting-edge technology to a diverse group of talents in creating job opportunity for students, entrepreneurs and professionals who need to update their skills in the architecture drafting field.

**Program Outline**

**Title: Noncredit Essential CAD**

**Originator: Farshid Mirzaei  
Department: BEIT**

**Date 3/3/2022**

**College:**  Moreno Valley College     Norco College     Riverside City College  
*(Please note: Programs are college specific. If multiple colleges wish to include this program, a separate proposal and college specific supporting documents are required.)*

**TOPs Code:** 0953.00    **CIP Code:** 15.1302

**Certificate is being proposed as:**

**Certificate of Completion (CDCP Eligible)**     **Certificate of Competency (CDCP Eligible)**

*Please specify non-credit category:*

- |                                                           |                                                                |
|-----------------------------------------------------------|----------------------------------------------------------------|
| <input checked="" type="checkbox"/> Short-Term Vocational | <input type="checkbox"/> Workforce Preparation                 |
| <input type="checkbox"/> English as a Second Language     | <input type="checkbox"/> Elementary and Secondary Basic Skills |

**Local Non-Credit Certificate (Not CDCP Eligible; Not Submitted to State Chancellor’s Office)**

*Please specify non-credit category:*

- |                                                     |                                                                            |
|-----------------------------------------------------|----------------------------------------------------------------------------|
| <input type="checkbox"/> Citizenship for Immigrants | <input type="checkbox"/> Health and Safety                                 |
| <input type="checkbox"/> Parenting                  | <input type="checkbox"/> Courses for Persons with Substantial Disabilities |
| <input type="checkbox"/> Home Economics             | <input type="checkbox"/> Courses for Older Adults                          |

**This is a:**     New non-credit certificate     Modification to an existing non-credit certificate

**If this is a modification to an existing non-credit certificate, please specify the changes being made:**  
*(Please be specific! Indicate any changes to title, description, learning outcomes, courses, contact hour values, etc.)*

**Rationale:**

*To make this program available to a broader range of student and professionals who just need the training and increase the level of skills in the community.*

**Required Documentation**

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**All new and modified programs must include the following:**

- Evidence of district-wide discipline communication
  - Department minutes showing approval
  - Narrative *(See following page)*
  - Labor Market Information and Analysis *(For certificates in the Short-Term Vocational category only)*
- Attached*

In 2019, there were 2,184 combined drafting jobs in the Inland Empire/Desert Region. Drafting occupations are expected to have 235 annual job openings, rising by 7%. Exhibit 1 displays the job counts, five-year projected job growth, job openings, and the share of incumbent workers age 55 years and greater working in the drafting occupational group. (Attached report)



**Program Narrative**

**Item 1. Program Goals and Objectives**

*Upon successful completion of the course, students should be able to demonstrate the following activities:*

1. *Prepare Two- and three-dimensional Computer Aided Design drawings and models.*
2. *Prepare drawings such as orthographic and auxiliary views, sections with standard annotation and details using a CAD program*
3. *Prepare virtual rendering for computer models using CAD program.*

**Item 2. Catalog Description**

This program prepares students with the knowledge and skill in using CAD to prepare complicated two- and three-dimensional geometric shapes and models used in Architecture and Mechanical industry. Students learn to render computer models and prepare CAD animation.

**Item 3. Program Requirements**

*Software is free to student. Computer and software access will be provided by college. Students may use their home computer for homework.*

Required Courses:   216   hours

Course	Title	Hours	Sequencing
DFT-830	Computer Aided Design	108	Semester 1, Fall
DFT-831	Advanced Computer Aided Design	108	Semester 2, Spring

Elective Courses:   0   hours

Course	Title	Hours	Sequencing
None			

Total Program Units:   216   hours

**Item 4. Master Planning**

This certificate serves our students by providing a unique educational opportunity with AutoCAD to a diverse group of talents in creating job opportunity for students, entrepreneurs and professionals who need to update their skills in the Mechanical or Industrial drafting field.

**Program Outline**

**Title: Noncredit Essential Fusion 360**

**Originator: Farshid Mirzaei  
Department: BEIT**

**Date 3/3/2022**

**College:**  Moreno Valley College     Norco College     Riverside City College  
*(Please note: Programs are college specific. If multiple colleges wish to include this program, a separate proposal and college specific supporting documents are required.)*

**TOPs Code:** 0953.00    **CIP Code:** 50.0404

**Certificate is being proposed as:**

**Certificate of Completion (CDCP Eligible)**     **Certificate of Competency (CDCP Eligible)**

*Please specify non-credit category:*

- Short-Term Vocational     Workforce Preparation  
 English as a Second Language     Elementary and Secondary Basic Skills

**Local Non-Credit Certificate (Not CDCP Eligible; Not Submitted to State Chancellor’s Office)**

*Please specify non-credit category:*

- Citizenship for Immigrants     Health and Safety  
 Parenting     Courses for Persons with Substantial Disabilities  
 Home Economics     Courses for Older Adults

**This is a:**     New non-credit certificate     Modification to an existing non-credit certificate

**If this is a modification to an existing non-credit certificate, please specify the changes being made:**  
*(Please be specific! Indicate any changes to title, description, learning outcomes, courses, contact hour values, etc.)*

**Rationale:**

*To make this program available to a broader range of student and professionals who just need the training and increase the level of skills in the community.*

**Required Documentation**

Please submit this form and the documents outlined below to your college coordinator and the District Technical Review committee via [TechReview@rccd.edu](mailto:TechReview@rccd.edu). Please do not submit your proposal until all of the documentation below is complete.

**All new and modified programs must include the following:**

- Evidence of district-wide discipline communication  
 Department minutes showing approval  
 Narrative *(See following page)*  
 Labor Market Information and Analysis *(For certificates in the Short-Term Vocational category only)*  
*Attached*

In 2019, there were 2,184 combined drafting jobs in the Inland Empire/Desert Region. Drafting occupations are expected to have 235 annual job openings, rising by 7%. Exhibit 1 displays the job counts, five-year projected job growth, job openings, and the share of incumbent workers age 55 years and greater working in the drafting occupational group. (Attached report)

**Program Narrative**

**Item 1. Program Goals and Objectives**

*Upon successful completion of the course, students should be able to demonstrate the following activities:*

1. *Prepare parametric three-dimensional solid models using Autodesk 360.*
2. *Prepare drawings such as orthographic and auxiliary views, sections with standard annotation and details using Fusion 360*
3. *Setup and build parts using additive and subtractive process through Fusion 360.*

**Item 2. Catalog Description**

The Essential Fusion 360 program prepares makers with the knowledge and skill in using Fusion360 to document mechanical drawings per ANSI standards. Students learn to render parts and assemblies with exploded view animation. Also, students learn to build parts using additive and subtractive process through Fusion 360.

**Item 3. Program Requirements**

*Software is free to student. Computer and software access will be provided by college. Students may use their home computer for homework.*

Required Courses:   234   hours

Course	Title	Hours	Sequencing
DFT-862	Basic Fusion 360	117	Semester 1, Fall
DFT-863	Advanced Fusion 360	117	Semester 2, Spring

Elective Courses:   0   hours

Course	Title	Hours	Sequencing
None			

Total Program Units:   234   hours

**Item 4. Master Planning**

This certificate serves our students by providing a unique educational opportunity with Fusion 360 to a diverse group of talents in creating job opportunity for students, entrepreneurs and professionals who need to update their skills in the Mechanical and industrial drafting field.

**Program Outline**

**Title: Noncredit Essential SolidWorks**

**Originator: Farshid Mirzaei**  
**Department: BEIT**

**Date 3/3/2022**

**College:**  Moreno Valley College     Norco College     Riverside City College  
*(Please note: Programs are college specific. If multiple colleges wish to include this program, a separate proposal and college specific supporting documents are required.)*

**TOPs Code:** 0953.00                      **CIP Code:** 15.1302

**Certificate is being proposed as:**

**Certificate of Completion (CDCP Eligible)**                       **Certificate of Competency (CDCP Eligible)**

*Please specify non-credit category:*

- |                                                           |                                                                |
|-----------------------------------------------------------|----------------------------------------------------------------|
| <input checked="" type="checkbox"/> Short-Term Vocational | <input type="checkbox"/> Workforce Preparation                 |
| <input type="checkbox"/> English as a Second Language     | <input type="checkbox"/> Elementary and Secondary Basic Skills |

**Local Non-Credit Certificate (Not CDCP Eligible; Not Submitted to State Chancellor’s Office)**

*Please specify non-credit category:*

- |                                                     |                                                                            |
|-----------------------------------------------------|----------------------------------------------------------------------------|
| <input type="checkbox"/> Citizenship for Immigrants | <input type="checkbox"/> Health and Safety                                 |
| <input type="checkbox"/> Parenting                  | <input type="checkbox"/> Courses for Persons with Substantial Disabilities |
| <input type="checkbox"/> Home Economics             | <input type="checkbox"/> Courses for Older Adults                          |

**This is a:**             New non-credit certificate     Modification to an existing non-credit certificate

**If this is a modification to an existing non-credit certificate, please specify the changes being made:**  
*(Please be specific! Indicate any changes to title, description, learning outcomes, courses, contact hour values, etc.)*

**Rationale:**

*To make this program available to a broader range of student and professionals who just need the training and increase the level of skills in the community.*

**Required Documentation**

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**All new and modified programs must include the following:**

- Evidence of district-wide discipline communication
  - Department minutes showing approval
  - Narrative *(See following page)*
  - Labor Market Information and Analysis *(For certificates in the Short-Term Vocational category only)*
- Attached*

In 2019, there were 2,184 combined drafting jobs in the Inland Empire/Desert Region. Drafting occupations are expected to have 235 annual job openings, rising by 7%. Exhibit 1 displays the job counts, five-year projected job growth, job openings, and the share of incumbent workers age 55 years and greater working in the drafting occupational group. (Attached report)

**Program Narrative**

**Item 1. Program Goals and Objectives**

*Upon successful completion of the course, students should be able to demonstrate the following activities:*

1. *Prepare parametric three-dimensional solid models*
2. *Prepare drawings such as orthographic and auxiliary views, sections with annotations and details using SolidWorks.*
3. *Prepare virtual rendering for mechanical parts, assemblies and animation using SolidWorks.*

**Item 2. Catalog Description**

The Essential SolidWorks program prepares students with the knowledge and skill in using Solidworks to document mechanical drawings per ANSI standards. Students learn to render parts and assemblies with exploded view animation.

**Item 3. Program Requirements**

*Software is free to student. Computer and software access will be provided by college. Students may use their home computer for homework.*

Required Courses:   216   hours

Course	Title	Hours	Sequencing
DFT-842	SolidWorks I	108	Semester 1, Fall
DFT-842B	SolidWorks II	108	Semester 2, Spring

Elective Courses:   0   hours

Course	Title	Hours	Sequencing
None			

Total Program Units:   216   hours

**Item 4. Master Planning**

This certificate serves our students by providing a unique educational opportunity with SolidWorks to a diverse group of talents in creating job opportunity for students, entrepreneurs and professionals who need to update their skills in the Mechanical or Industrial drafting field.