



- e. Apprenticeship Carpentry, Drywall Finisher
  - f. Apprenticeship Carpentry, Drywall Lather
  - g. Apprenticeship Carpentry, Finish Carpentry
  - h. Apprenticeship Carpentry, Framing
  - i. Apprenticeship Carpentry, Tilt-Up
2. Program Modifications
- a. Sociology
  - b. Music
  - c. Cosmetology
  - d. Cosmetology Business Administration – Management & Supervision Concentration

# Technical Review - Curriculum Proposals

Proposals for Review for 09/20/2022

## Courses

### Course Exclusions

M N R Notes

MUS 31 College Choir

MUS 53 Keyboard Proficiency

MUS 71 College Chorus

MUS 92 Basic Piano

MUS P27 Beginning String Techniques

### Course Inclusions

M N R Notes

CHE 3 Fundamentals of Chemistry

CIS 87A Introduction to IT Project Management

### Course Major Modifications

M N R Notes

H ANT 1 Physical Anthropology     
Need objectives and minutes.

H ANT 1H Honors Physical Anthropology     
Need objectives and minutes.

H ANT 2H Honors Cultural Anthropology     
Need objectives and minutes. Need ANT 2 counterpart. Kelly will reach out.

H ARE 24 Revit I-Architectural Drafting     
Need DFT 24. Advisories are not on entrance skills.

H BIO 1 General Biology     
Need to await BIO 1H.

H BIO 35 Health Science     
Minutes are not attached from HES discipline.

H BIO 40 Biometrics     
Minutes seem to be more of an announcement. Faculty will forward minutes to Kelly.

H BIO 60 Introduction to Molecular and Cellular Biology     
Awaiting BIO 60H

COM 1 Public Speaking

COM 11 Storytelling

COM 12 Intercultural Communication

COM 13 Gender and Communication

# Courses

## Course Major Modifications

		M	N	R	Notes
COM 1H	Honors Public Speaking	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
COM 20	Introduction to Communication Theory	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
COM 3	Argumentation and Debate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
COM 6	Small Group Communication	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
COM 7	Oral Interpretation of Literature	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
COM 9	Interpersonal Communication	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
COM 9H	Honors Interpersonal Communication	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
COS 1B	Introduction to Cosmetology Level II	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
H ETS 2	Introduction to Chicanx and Latinx Studies Held to await crosslisted HIS 31 (now HIS 61).	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
H HES 1	Health Science Minutes are not attached from HES discipline.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
H HMS 50	Introduction to African American Families and Populations Held for crosslisted ETS partner.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
H HMS 51	Introduction to Latina and Latino American Families and Populations Held for crosslisted ETS partner.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
H HMS 52	Introduction to Asian American Families and Populations Held for crosslisted ETS partner.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
H HMS 53	Introduction to Native American Families and Populations Held for crosslisted ETS partner.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
H MAT 125	Corequisite Support for MAT-25 Minutes are MOV only.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
H MAT 25	Mathematics for the Liberal Arts Student Minutes are Moreno Valley only. Should MAT-35 prerequisite be replaced with "Intermediate Algebra"? Brian will contact faculty.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
H RLE 81	Real Estate Practices For RLE courses, various revisions to content needed.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
H RLE 82	Legal Aspects of Real Estate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
H RLE 83	Real Estate Finance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
H RLE 84	Real Estate Appraisal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
H RLE 85	Real Estate Economics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

## Courses

### Course Major Modifications

		M	N	R	Notes	
H	RLE 86	Escrow Procedures I	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	WEL 65A	Beginning Shielded Metal Arc Welding	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	WEL 65B	Advanced Shielded Metal Arc Welding	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	WEL 75A	Gas Metal Arc Welding	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	WEL 75B	Flux Cored Arc Welding (FCAW)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	WEL 85A	American Welding Society/Los Angeles City Welding I	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	WEL 85B	American Welding Society/Los Angeles City Welding II	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	WEL 95A	Introduction to Gas Tungsten Arc Welding	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	WEL 95B	Advanced Gas Tungsten Arc Welding (GTAW)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

### Course Minor Modifications

		M	N	R	Notes	
H	CAT 55	Applied Accounting/Bookkeeping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	Hold for ACC 55					
H	CAT 65	Introduction to Microsoft PowerPoint	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	Hold for CIS crosslisting.					
H	CAT 80	Word Processing: Microsoft Word for Windows	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	Hold for CIS crosslisting.					
	CAT 808	Critical Thinking, Problem Solving and Decision Making	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	CAT 810	Time Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	CAT 811	High Impact Presentations and Proposals for the Work Place	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	CAT 812	Workplace Communication Strategies	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
H	CAT 90	Microsoft Outlook	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	Hold for CIS crosslisting.					
H	CAT 91	Microsoft Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	Hold for CIS crosslisting.					
H	CAT 93	Computers for Beginners	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	Hold for CIS crosslisting.					
H	CAT 98A	Introduction to Excel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	Hold for CIS crosslisting.					
H	CAT 98B	Advanced Excel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	Hold for CIS crosslisting.					
	CIS 80	Word Processing: Microsoft Word for Windows	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

## Courses

### Course Minor Modifications

		M	N	R	Notes
CIS 90	Microsoft Outlook	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CIS 93	Computers for Beginners	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CIS 98A	Introduction to Excel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CIS 98B	Advanced Excel	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
COS 69D	Mens Hair Design D	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
COS 80C	Level III Nail Care Concepts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
H PDS 808	Critical Thinking, Problem Solving and Decision Making	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	Holding for CAT crosslisting.				
H PDS 810	Time Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	Holding for CAT crosslisting.				
H PDS 811	High Impact Presentations and Proposals for the Work Place	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	Holding for CAT crosslisting.				
H PDS 812	Workplace Communication Strategies	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	Holding for CAT crosslisting.				

### Distance Education

		M	N	R	Notes
CIS 41DDE	Advanced Security Concepts and Practices	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
CIS 48ADE	Introduction to Cloud Computing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
CIS 48DDE	Cloud Security Essentials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CIS 68ADE	Introduction to Machine Learning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
CIS 68BDE	Big Data Fundamentals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
CIS 87ADE	Introduction to IT Project Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CIS 87BDE	IT Project Management Framework	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
H GEG 1HDE	Honors Physical Geography	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	Honors committee members need to be included for any Honors DE proposals. Holding to confirm with honors council that the DE proposal is appropriate. Ann will reach out to faculty.				

### New Courses

		M	N	R	Notes
H ENE 35B	Dynamics	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Some formatting fixes needed. No entrance skills. Course content may be light. Course number may need to be changed.				

## Courses

### New Courses

		M	N	R	Notes
<b>H</b>	<b>ENE 49</b>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Strength of Materials</b> Some formatting fixes needed. No entrance skills. Course content may be light. Course number may need to be changed.
	<b>IAT 15</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Industrial Automation 5 - Advanced Operations</b>
<b>H</b>	<b>IAT 20</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Industrial Electrical and Motors 1</b> No entrance skills for prerequisite links. Did not see department or discipline minutes. The 24 hour lab brings the unit value to 3.44. Ann will reach out to faculty. The language in the course content is much like objectives. Language like "describe..." is used. Cross discipline should be removed.
<b>H</b>	<b>IAT 21</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Industrial Electrical and Motors 2</b> No entrance skills for prerequisite links. Did not see department or discipline minutes. The 24 hour lab brings the unit value to 3.44. Ann will reach out to faculty. The language in the course content is much like objectives. Language like "describe..." is used. Cross discipline should be removed.
	<b>IAT 30</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Industrial Automation 3 – Pneumatic and Hydraulic Systems</b>
	<b>IAT 40</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Industrial Automation 4 – Sensors and Process Control</b>

## Programs

### New Programs

		M	N	R	Notes
<b>Certificate</b>					
<b>H</b>	<b>CIS</b>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Data Analytics</b> Holding for regional consortium, advisory recommendation, and LMI.
<b>Degree</b>					
<b>H</b>	<b>CIS</b>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Data Science</b> Holding for regional consortium, advisory recommendation, and LMI.
<b>Degree &amp; Certificate</b>					
	<b>CRP</b>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Apprenticeship Carpentry, Acoustical Installer</b>
	<b>CRP</b>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Apprenticeship Carpentry, Concrete</b>
	<b>CRP</b>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Apprenticeship Carpentry, Drywall Finisher</b>
	<b>CRP</b>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Apprenticeship Carpentry, Drywall Lather</b>
	<b>CRP</b>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Apprenticeship Carpentry, Finish Carpentry</b>
	<b>CRP</b>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Apprenticeship Carpentry, Framing</b>
	<b>CRP</b>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Apprenticeship Carpentry, Tilt-Up</b>

# Programs

## Program Modifications

M N R Notes

### ADT

SOC Sociology

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### Certificate

H HMS Careers in Social Work

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H HMS Social Work Administration Studies

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### Degree

MUS Music

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### Degree & Certificate

COS Cosmetology

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COS Cosmetology Business Administration - Management & Supervision Concentration

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# Technical Review - Curriculum Proposals

Proposals for Review for 09/20/2022

## Courses

### Course Exclusions

M N R Discussion

Action

**MUS 31**      **College Choir**     

Rationale: This course has not been offered at Moreno Valley College since Spring of 2015. MVC currently has two vocal ensembles, one dedicated to the study of concert and chamber music (Concert Choir-MUS-29 / Advanced Chamber Choir MUS-83) and one dedicated to the study and performance of Gospel Music (Gospel Singers – MUS-57 / Gospel Choir – MUS -58). MVC does not have the student interest or vocal faculty leadership at this time (or for the foreseeable future) to support a third choir therefore, College Choir MUS-31 should be excluded from the college catalog.

**MUS 53**      **Keyboard Proficiency**     

Rationale: This course has not been successfully offered at Moreno Valley College since Spring of 2013. Although it was offered in Fall 2020, no advertisement or recruitment was performed in support of this offering and subsequently no students enrolled. Without the implementation of a piano program or an active approach to recruitment, it is unlikely that this course will fill in the future. Keyboard Proficiency MUS-53 should be excluded from the college catalog.

**MUS 71**      **College Chorus**     

Rationale: This course has not been offered at Moreno Valley College since Spring of 2015. MVC currently has two vocal ensembles, one dedicated to the study of concert and chamber music (Concert Choir-MUS-29 / Advanced Chamber Choir MUS-83) and one dedicated to the study and performance of Gospel Music (Gospel Singers – MUS-57 / Gospel Choir – MUS -58). MVC does not have the student interest or vocal faculty leadership at this time (or for the foreseeable future) to support a third choir therefore, College Chorus MUS-71 should be excluded from the college catalog.

**MUS 92**      **Basic Piano**     

Rationale: This course has not been successfully offered at Moreno Valley College since the Summer of 2016. The music discipline has no plans to offer this course in the future because it represents somewhat of a duplication of the preferred Beginning Class Piano course (MUS 32). Basic Piano MUS-92 should be excluded from the college catalog.

## Courses

### Course Exclusions

M N R

Discussion

Action

**MUS P27** **Beginning String Techniques**

Rationale: This course has not been successfully offered at Moreno Valley College. The music discipline does not currently (and likely will not) have the requisite infrastructure to support an offering of this course. Therefore, Beginning String Techniques MUS-71 should be excluded from the college catalog.

### Course Inclusions

M N R

Discussion

Action

**CHE 3** **Fundamentals of Chemistry**

Rationale: CHE 3 is an introductory course in chemistry for the STEM majors. Its inclusion at MVC will provide students with a pathway in the STEM field that is dedicated to the field of science. Although CHE 3 is similar in scope to CHE 2A, already offered at MVC, the course will focus, primarily, on the preparing students for the General Chemistry series, CHE 1A and CHE 1B.

**CIS 87A** **Introduction to IT Project Management**

Rationale: This course is being included in a new program funded by our NSF-ATE Cyberpreneurship grant. Students will learn business skills in addition to cybersecurity skills in order to run their own cyber contracting business.

### Course Major Modifications

M N R

Discussion

Action

**H** **ANT 1** **Physical Anthropology**

Need objectives and minutes.

Rationale: SLOs need refinement, textbooks need updating and this course needs modernizing to include current understandings of modern human variation and the social impacts of those understandings. In addition, the interactions between culture and biology with respect to viral mutation must feature more heavily in the COR.

**H** **ANT 1H** **Honors Physical Anthropology**

Need objectives and minutes.

Rationale: This course provides the student an opportunity to master in depth reading and writing skills while focusing on the materials of ANT 1. The course fits into the broader Honor's Program as a whole and follows the same designs for in-depth discussion and writing skill mastery.

**H** **ANT 2H** **Honors Cultural Anthropology**

Need objectives and minutes. Need ANT 2 counterpart. Kelly will reach out.

Rationale: Update textbook options for the course

Technical Review Proposals for 09/20/2022

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# Courses

## Course Major Modifications

		M	N	R	Discussion	Action
<b>H</b>	<b>ARE 24</b> Rationale: Due to last updates of the course changing software to Revit (instead of CAD) there is no need for pre-requisites. As result:1. Requisites changed to advisory.2. SLO's link to general education is removed. (Not needed in the first place)3. Course materials are updated with the latest editions of the same books.		<input checked="" type="checkbox"/>	<input type="checkbox"/>		Need DFT 24. Advisories are not on entrance skills.
<b>H</b>	<b>BIO 1</b> Rationale: To update course as part of program review.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Need to await BIO 1H.
<b>H</b>	<b>BIO 35</b> Rationale: Add Objectives, refine SLOs, update texts.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Minutes are not attached from HES discipline.
<b>H</b>	<b>BIO 40</b> Rationale: Prerequisites are being updated, since former prerequisite for MAT-35 has been removed from the catalogue. Textbook has also been updated to bring materials into 5-year compliance.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Minutes seem to be more of an announcement. Faculty will forward minutes to Kelly.
<b>H</b>	<b>BIO 60</b> Rationale: Advisories are being updated, since MAT-35, ENG-50, and ENG-80 have been removed from the catalogue. Course Objectives are also being added, along with some updates to Course Material and SLOs. Textbooks have also been updated to bring materials into 5-year compliance.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Awaiting BIO 60H
	<b>COM 1</b> Rationale: This course was reviewed and updated as part of our regular cycle. Our focus was on modernization using an equity lens.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	<b>COM 11</b> Rationale: Students learn the role that oral storytelling plays in creating and passing cultural value through time.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	<b>COM 12</b> Rationale: This course was reviewed and updated as part of our regular cycle. Our focus was on modernization using an equity lens.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	<b>COM 13</b> Rationale: Comprehensive Review Cycle/updates to the CORs for all Communication Studies courses.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

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# Courses

## Course Major Modifications

		M	N	R	Discussion	Action
	<b>COM 1H</b> <b>Honors Public Speaking</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	Rationale: This course was reviewed and updated as part of our regular cycle. Our focus was on modernization using an equity lens.					
	<b>COM 20</b> <b>Introduction to Communication Theory</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	Rationale: This course was reviewed and updated as part of our regular cycle. Our focus was on modernization using an equity lens.					
	<b>COM 3</b> <b>Argumentation and Debate</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	Rationale: Updates to content, methods of evaluation and instruction, and textbooks.					
	<b>COM 6</b> <b>Small Group Communication</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	Rationale: This course was reviewed and updated as part of our regular cycle. Our focus was on modernization using an equity lens.					
	<b>COM 7</b> <b>Oral Interpretation of Literature</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	Rationale: This course was reviewed and updated as part of our regular cycle. Our focus was on modernization using an equity lens.					
	<b>COM 9</b> <b>Interpersonal Communication</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	Rationale: Modifications made to an existing course					
	<b>COM 9H</b> <b>Honors Interpersonal Communication</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	Rationale: Modifications made to an existing course					
	<b>COS 1B</b> <b>Introduction to Cosmetology Level II</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Rationale: New requirements put forth by the California Board of Barbering and Cosmetology.					
<b>H</b>	<b>ETS 2</b> <b>Introduction to Chicanx and Latinx Studies</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Held to await crosslisted HIS 31 (now HIS 61).	
	Rationale: Per AB1460, this Ethnic Studies course is designed to fulfill the CSU Area F GE Breadth graduation requirement.					
<b>H</b>	<b>HES 1</b> <b>Health Science</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Minutes are not attached from HES discipline.	
	Rationale: Add Objectives, refine SLOs, update texts					
<b>H</b>	<b>HMS 50</b> <b>Introduction to African American Families and Populations</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Held for crosslisted ETS partner.	
	Rationale: Revised the five SLOs as provided by the California State University Council on Ethnic Studies Core Competencies for Ethnic Studies System-wide Graduation Requirement, updated course content					

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## Courses

### Course Major Modifications

		M	N	R	Discussion	Action
<b>H</b>	<b>HMS 51</b> Rationale: <b>Introduction to Latina and Latino American Families and Populations</b> Revised the five SLOs as provided by the California State University Council on Ethnic Studies Core Competencies for Ethnic Studies System-wide Graduation Requirement, updated course content	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Held for crosslisted ETS partner.
<b>H</b>	<b>HMS 52</b> Rationale: <b>Introduction to Asian American Families and Populations</b> Revised the five SLOs as provided by the California State University Council on Ethnic Studies Core Competencies for Ethnic Studies System-wide Graduation Requirement, updated course content	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Held for crosslisted ETS partner.
<b>H</b>	<b>HMS 53</b> Rationale: <b>Introduction to Native American Families and Populations</b> Revised the five SLOs as provided by the California State University Council on Ethnic Studies Core Competencies for Ethnic Studies System-wide Graduation Requirement, updated course content	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Held for crosslisted ETS partner.
<b>H</b>	<b>MAT 125</b> Rationale: <b>Corequisite Support for MAT-25</b> Need to update the course outline to reflect new prerequisite language and update course materials.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Minutes are MOV only.
<b>H</b>	<b>MAT 25</b> Rationale: <b>Mathematics for the Liberal Arts Student</b> Need to update the course outline to reflect the new prerequisite language and update course materials.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Minutes are Moreno Valley only. Should MAT-35 prerequisite be replaced with "Intermediate Algebra"? Brian will contact faculty.
<b>H</b>	<b>RLE 81</b> Rationale: <b>Real Estate Practices</b> This course is being updated as a major modification to include current and relevant SLOs, detailed course content, detailed assignments and updated textbook information.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		For RLE courses, various revisions to content needed.
<b>H</b>	<b>RLE 82</b> Rationale: <b>Legal Aspects of Real Estate</b> This course is being updated as a major modification to include current and relevant SLOs, detailed course content, detailed assignments and updated textbook information.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<b>H</b>	<b>RLE 83</b> Rationale: <b>Real Estate Finance</b> This course is being updated as a major modification to include current and relevant SLOs, detailed course content, detailed assignments and updated textbook information.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

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# Courses

## Course Major Modifications

M N R Discussion

Action

**H** **RLE 84**      **Real Estate Appraisal**     

Rationale: This course is being updated as a major modification to include current and relevant SLOs, detailed course content, detailed assignments and updated textbook information.

**H** **RLE 85**      **Real Estate Economics**     

Rationale: This course is being updated as a major modification to include current and relevant SLOs, detailed course content, detailed assignments and updated textbook information.

**H** **RLE 86**      **Escrow Procedures I**     

Rationale: This course is being updated as a major modification to include current and relevant SLOs, detailed course content, detailed assignments and updated textbook information.

**WEL 65A**      **Beginning Shielded Metal Arc Welding**     

Rationale: Regular COR review.

**WEL 65B**      **Advanced Shielded Metal Arc Welding**     

Rationale: Regular 5 year review

**WEL 75A**      **Gas Metal Arc Welding**     

Rationale: 5 year review

**WEL 75B**      **Flux Cored Arc Welding (FCAW)**     

Rationale: 5 year review

**WEL 85A**      **American Welding Society/Los Angeles City Welding I**     

Rationale: 5 year review

**WEL 85B**      **American Welding Society/Los Angeles City Welding II**     

Rationale: 5 year review

**WEL 95A**      **Introduction to Gas Tungsten Arc Welding**     

Rationale: 5 year review

**WEL 95B**      **Advanced Gas Tungsten Arc Welding (GTAW)**     

Rationale: 5 year review

Technical Review Proposals for 09/20/2022

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# Courses

## Course Minor Modifications

			M	N	R	Discussion	Action
<b>H</b>	<b>CAT 55</b>	<b>Applied Accounting/Bookkeeping</b> Rationale: Two year CTE review - no changes.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hold for ACC 55	
<b>H</b>	<b>CAT 65</b>	<b>Introduction to Microsoft PowerPoint</b> Rationale: Two year CTE review - no changes.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hold for CIS crosslisting.	
<b>H</b>	<b>CAT 80</b>	<b>Word Processing: Microsoft Word for Windows</b> Rationale: Two year CTE review - no changes.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hold for CIS crosslisting.	
	<b>CAT 808</b>	<b>Critical Thinking, Problem Solving and Decision Making</b> Rationale: Two year review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	<b>CAT 810</b>	<b>Time Management</b> Rationale: Two year review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	<b>CAT 811</b>	<b>High Impact Presentations and Proposals for the Work Place</b> Rationale: Two year review	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	<b>CAT 812</b>	<b>Workplace Communication Strategies</b> Rationale: Two year review	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<b>H</b>	<b>CAT 90</b>	<b>Microsoft Outlook</b> Rationale: Two year CTE review - no changes.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hold for CIS crosslisting.	
<b>H</b>	<b>CAT 91</b>	<b>Microsoft Project</b> Rationale: Two year CTE review - no changes.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hold for CIS crosslisting.	
<b>H</b>	<b>CAT 93</b>	<b>Computers for Beginners</b> Rationale: Two year CTE review - no changes.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hold for CIS crosslisting.	
<b>H</b>	<b>CAT 98A</b>	<b>Introduction to Excel</b> Rationale: Two year CTE review - no changes.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hold for CIS crosslisting.	
<b>H</b>	<b>CAT 98B</b>	<b>Advanced Excel</b> Rationale: Two year CTE review - no changes.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hold for CIS crosslisting.	
	<b>CIS 80</b>	<b>Word Processing: Microsoft Word for Windows</b> Rationale: Two year CTE review - no changes.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	<b>CIS 90</b>	<b>Microsoft Outlook</b> Rationale: Two year CTE review - no changes.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

Technical Review Proposals for 09/20/2022

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## Courses

### Course Minor Modifications

		M	N	R	Discussion	Action
	<b>CIS 93</b> <b>Computers for Beginners</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	Rationale: Two year CTE review - no changes.					
	<b>CIS 98A</b> <b>Introduction to Excel</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	Rationale: Two year CTE review - no changes.					
	<b>CIS 98B</b> <b>Advanced Excel</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	Rationale: Two year CTE review - no changes.					
	<b>COS 69D</b> <b>Mens Hair Design D</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Rationale: This course meets requirements to update minimum barber standards of hair design. Culmination of a four-course series that provides an opportunity for additional skill and competency development within the subject matter.					
	<b>COS 80C</b> <b>Level III Nail Care Concepts</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Rationale: Level III Nail Care cosmetology concepts, Level III Nail Care, is required to meet the manicuring standards of the Board of Barbering and Cosmetology.					
<b>H</b>	<b>PDS 808</b> <b>Critical Thinking, Problem Solving and Decision Making</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Holding for CAT crosslisting.	
	Rationale: Two year CTE review. No changes needed.					
<b>H</b>	<b>PDS 810</b> <b>Time Management</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Holding for CAT crosslisting.	
	Rationale: Two year CTE review. No changes needed.					
<b>H</b>	<b>PDS 811</b> <b>High Impact Presentations and Proposals for the Work Place</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Holding for CAT crosslisting.	
	Rationale: Two year CTE review. No changes needed.					
<b>H</b>	<b>PDS 812</b> <b>Workplace Communication Strategies</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Holding for CAT crosslisting.	
	Rationale: Two year CTE review. No changes needed.					

### Distance Education

		M	N	R	Discussion	Action
	<b>CIS 41DDE</b> <b>Advanced Security Concepts and Practices</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Rationale:					
	<b>CIS 48ADE</b> <b>Introduction to Cloud Computing</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	Rationale:					
	<b>CIS 48DDE</b> <b>Cloud Security Essentials</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	Rationale:					

Technical Review Proposals for 09/20/2022

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## Courses

### Distance Education

		M	N	R	Discussion	Action
	<b>CIS 68ADE</b> <b>Introduction to Machine Learning</b> Rationale:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	<b>CIS 68BDE</b> <b>Big Data Fundamentals</b> Rationale:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	<b>CIS 87ADE</b> <b>Introduction to IT Project Management</b> Rationale:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<b>CIS 87BDE</b> <b>IT Project Management Framework</b> Rationale:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<b>H</b>	<b>GEG 1HDE</b> <b>Honors Physical Geography</b> Rationale:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Honors committee members need to be included for any Honors DE proposals. Holding to confirm with honors council that the DE proposal is appropriate. Ann will reach out to faculty.	

### New Courses

		M	N	R	Discussion	Action
<b>H</b>	<b>ENE 35B</b> <b>Dynamics</b> Rationale: The course is needed to support transfer student needs for multiple engineering majors. The course is an extension of ENE 35 statics which Norco College currently offers.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Some formatting fixes needed. No entrance skills. Course content may be light. Course number may need to be changed.	
<b>H</b>	<b>ENE 49</b> <b>Strength of Materials</b> Rationale: The course is needed to support engineering transfer students prepare and satisfy transfer requirements.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Some formatting fixes needed. No entrance skills. Course content may be light. Course number may need to be changed.	
	<b>IAT 15</b> <b>Industrial Automation 5 - Advanced Operations</b> Rationale: The skills gained from the course can help students increase advanced operations knowledge with special emphasis on system metrics, operation of computer-controlled machines, basic ethernet networks, basic programmable controller operations, basic mechanical and hydraulics system operation, basic mechatronic system programming and operation, basic robotics, and CNC programming/operation to include HMI-interface and operation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

## Courses

### New Courses

		M	N	R	Discussion	Action	
<b>H</b>	<b>IAT 20</b> Rationale: The skills acquired from the course can help students enter industrial automation workforce.	<b>Industrial Electrical and Motors 1</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No entrance skills for prerequisite links. Did not see department or discipline minutes. The 24 hour lab brings the unit value to 3.44. Ann will reach out to faculty. The language in the course content is much like objectives. Language like "describe..." is used. Cross discipline should be removed.	
<b>H</b>	<b>IAT 21</b> Rationale: The skills acquired from the course can help students enter industrial automation workforce.	<b>Industrial Electrical and Motors 2</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No entrance skills for prerequisite links. Did not see department or discipline minutes. The 24 hour lab brings the unit value to 3.44. Ann will reach out to faculty. The language in the course content is much like objectives. Language like "describe..." is used. Cross discipline should be removed.	
	<b>IAT 30</b> Rationale: The skills gained from the course can improve students' advance in industrial automation maintenance, as they are important pneumatic and hydraulic system skills and knowledge.	<b>Industrial Automation 3 – Pneumatic and Hydraulic Systems</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<b>IAT 40</b> Rationale: The skills gained from the course can improve students' advance in industrial automation maintenance, as they are important sensors, process control, and rigging skills and knowledge.	<b>Industrial Automation 4 – Sensors and Process Control</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

# Programs

## New Programs

M N R

Discussion

Action

### Certificate

<b>H</b>	<b>CIS</b>	<b>Data Analytics</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Holding for regional consortium, advisory recommendation, and LMI.
Rationale:	This program addresses industry’s continuing demands for professionals to test and build tools to meet the data quality validation needs for a cloud platform-based application and building enterprise analytics of large data volume. Based on Inland Empire/Desert region Labor Market Information report, the data-analysis occupation is projected to have 189 annual job openings, increasing employment by 8% through 2024. The 10th percentile hourly wage for data analysis related occupations exceeds the Family Needs Calculator self-sustainability rate, indicating that approximately the top 90% of workers in this occupation earn self-sufficient hourly wages. The courses in this program will also align with university courses, which will permit students to transfer to further develop skills and knowledge in the areas of Data Science.					

Documents: [Narrative](#) [LMI](#) [Advisory Committee](#) [Regional Consortium](#)

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### Degree

<b>H</b>	<b>CIS</b>	<b>Data Science</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Holding for regional consortium, advisory recommendation, and LMI.
Rationale:	This program addresses industry’s continuing demands for professionals to test and build tools to meet the data quality validation needs for a cloud platform-based application and building enterprise analytics of large data volume. Based on Inland Empire/Desert region Labor Market Information report, the data-analysis occupation is projected to have 189 annual job openings, increasing employment by 8% through 2024. The 10th percentile hourly wage for data analysis related occupations exceeds the Family Needs Calculator self-sustainability rate, indicating that approximately the top 90% of workers in this occupation earn self-sufficient hourly wages. The courses in this program will also align with university courses, which will permit students to transfer to further develop skills and knowledge in the areas of Data Science.					

Documents: [Narrative](#) [LMI](#) [Advisory Committee](#) [Regional Consortium](#)

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# Programs

## New Programs

M N R Discussion

Action

### Degree & Certificate

CRP [Apprenticeship Carpentry, Acoustical Installer](#)

Rationale: An agreement was 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 the 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 2022.

Documents: [Narrative](#)

CRP [Apprenticeship Carpentry, Concrete](#)

Rationale: An agreement was 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 the 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 2022.

Documents: [Narrative](#)

CRP [Apprenticeship Carpentry, Drywall Finisher](#)

Rationale: An agreement was 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 the 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 2022.

Documents: [Narrative](#)

CRP [Apprenticeship Carpentry, Drywall Lather](#)

Rationale: An agreement was 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 the 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 2022.

Documents: [Narrative](#)

## Programs

### New Programs

M N R Discussion

Action

#### Degree & Certificate

CRP [Apprenticeship Carpentry, Finish Carpentry](#)

Rationale: An agreement was 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 the 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 2022.

Documents: [Narrative](#)

CRP [Apprenticeship Carpentry, Framing](#)

Rationale: An agreement was 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 the 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 2022.

Documents: [Narrative](#)

CRP [Apprenticeship Carpentry, Tilt-Up](#)

Rationale: An agreement was 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 the 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 2022.

Documents: [Narrative](#)

### Program Modifications

M N R Discussion

Action

#### ADT

SOC [Sociology](#)

Rationale: The statewide TMC template in Sociology has been revised. The modifications to our ADT align with the new template.

#### Certificate

**H** HMS [Careers in Social Work](#)

Rationale:

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# Programs

## Program Modifications

M N R Discussion

Action

### Certificate

<b>H</b>	<b>HMS</b>	<b>Social Work Administration Studies</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rationale:					

### Degree

<b>MUS</b>	<b>Music</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Rationale: This degree is historically important in that it was the first arts degree developed at MVC. However, it has not been modified since its creation and is no longer relevant with regard to our students' transfer needs. This program modification will exclude courses no longer being offered at MVC and adopt 2 new additions to the college catalog (MUS-101 and MUS-P52A). The structure of this program will be redesigned with an emphasis on the 3 main categories (Theory/Applied Music/Ensemble) requisite for transfer to CSU and UC programs. This will more closely align the AA degree with the currently proposed ADT program modifications and simplify navigation of the music degrees for both students and counselors. Although these two degrees (AA and ADT) will be similar in curricular content, the AA will provide the benefit of allowing for a higher total unit count, thus allowing music students to pursue an even more rigorous program of study than is currently possible in the ADT.					

### Degree & Certificate

<b>COS</b>	<b>Cosmetology</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Rationale: Per state requirements removal of Cos 60E and Cos 60E1. California State Board of Barbering and Cosmetology made modifications to licensure requirement, including hour requirements, therefore Cos 60E and Cos 60E1 are not required.					

<b>COS</b>	<b>Cosmetology Business Administration - Management &amp; Supervision Concentration</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Rationale: Management 51 will no longer be offered, replace it with MAG 40 or CIS 3					

**Riverside Community College District**  
**Technical Review Committee**

Program Documentation for September 20, 2022

**Program Outline**

**Title: Data Analytics**

Moreno Valley College       Norco College       Riverside City College  
*(Please note: All degrees and certificates are college specific. If multiple colleges wish to adopt this degree or certificate, a separate proposal and college specific supporting documents are required.)*

**TOPs Code:** 070730

**CIP Code:** 11.0501

**Type of Program:**

Certificate of Achievement only       Associate’s Degree only       Certificate and Degree

**Type of Associate Degree:**

Associate of Arts       Associate of Science

**This is a:**

New certificate/degree       Modification to an existing certificate/degree  
 New Local certificate       Modification to an existing local certificate

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

**Rationale:**

*This program addresses industry’s continuing demands for professionals to test and build tools to meet the data quality validation needs for a cloud platform-based application and building enterprise analytics of large data volume. Based on Inland Empire/Desert region Labor Market Information report, the data-analysis occupation is projected to have 189 annual job openings, increasing employment by 8% through 2024. The 10th percentile hourly wage for data analysis related occupations exceeds the Family Needs Calculator self-sustainability rate, indicating that approximately the top 90% of workers in this occupation earn self-sufficient hourly wages. The courses in this program will also align with university courses, which will permit students to transfer to further develop skills and knowledge in the areas of Data Science.*

**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 Degrees and Certificates**

- Discipline
- Department minutes showing approval
- Narrative *(see following page)*
- Transfer preparation documentation *(only if applicable)*

**Degrees and Certificates of 8 Units or More with Vocational TOPs Codes**

**In addition to the above, all degrees and certificates of 8 units or more with a vocational TOPs code must include the following to be submitted to the State Chancellor’s Office for approval.\***

- Labor Market Information and Analysis *(required for new programs and modifications; also be recent within 2 years).*-
- Advisory Committee Recommendation *(Required for new programs and may be required for modifications. Check with the curriculum coordinator at your college to determine if a new recommendation is necessary.)*
- Regional Consortium Recommendation *(required for new programs only)*



*\*While certificates between 8 and less than 16 units can be approved locally and are not required to be submitted to the State Chancellor's Office for approval, certificates that have not been approved by the State Chancellor's Office cannot appear on student transcripts and the college cannot receive apportionment for program completions. Additionally, any certificate of less than 8 units can only be approved locally. These certificates also cannot appear on student transcripts and colleges cannot receive apportionment for completion.*

**Program Narrative**

**Item 1. Program Goals and Objectives**

Data Analytics Certificate of Achievement provides students with a foundation in data analysis, in which students will model, synthesize, and present large data sets for business decision making. Courses will focus on the techniques and tools to extract data from various data sources, model, integrate data, and visualize data for organizational decision making and intelligence gathering. The program prepares students for entry-level jobs, or to help them advance into careers, such as Operation Data Analyst, Business Analytics Specialist, System Data Analyst, Data Visualization Developer, Test Data Analyst, and Market Research Analyst. Topics covered will include statistics, research methods, SQL queries, systems analysis, design, and applied predictive analytics.

**Program Learning Outcomes:**

Upon successful completion of this program, students should be able to:

- Identify, extract, clean and maintain data in databases.
- Interpret and evaluate data trends or patterns in complex data sets using statistical techniques, analytic methods, and tools.
- Create and monitor reports to preserve data quality, identify critical issues, trends, and potential solutions.

**Item 2. Catalog Description**

Data Analytics Certificate of Achievement provides students with a foundation in data analysis, in which students will model, synthesize, and present large data sets for business decision making. Courses will focus on the techniques and tools to extract data from various data sources, model, integrate data, and visualize data for organizational decision making and intelligence gathering. The program prepares students for entry-level jobs, or to help them advance into careers, such as Operation Data Analyst, Business Analytics Specialist, System Data Analyst, Data Visualization Developer, Test Data Analyst, and Market Research Analyst. Topics covered will include statistics, research methods, SQL queries, systems analysis, design, and applied predictive analytics.

**Program Requirement:**

Before entering this program, students must complete MAT-35 and MAT-10 or MAT-23 or qualifying placement level in mathematics to be successful in courses in the program.

**Program Learning Outcomes:**

Upon successful completion of this program, students should be able to:

- Identify, extract, clean and maintain data in databases.
- Interpret and evaluate data trends or patterns in complex data sets using statistical techniques, analytic methods, and tools.
- Create and monitor reports to preserve data quality, identify critical issues, trends, and potential solutions.

Required Courses: 30 units

Course	Title	Units	Sequencing
CIS-1A	Introduction to Computer Information Systems	3	Semester 1
MAT-70A/CIS-70A	Foundations of Data Science	3	Semester 1
CIS/CSC-61	Introduction to Database Theory	3	Semester 1
CIS-30A	Introduction to Python Programming	3	Semester 1

or CSC-8	or Programming Concepts: Python		
MAT-70B	Statistics for STEM	4	Semester 2
MAT-1A	Calculus I	4	Semester 2
CIS/CSC-63	Introduction to Structured Query Language (SQL)	3	Semester 2
MAT-1B	Calculus II	4	Semester 3
CIS-30E	Advanced Python Programming	3	Semester 3

Elective Courses:   3   units

Course	Title	Units	Sequencing
CIS-68A or	Introduction to Machine Learning	3	Semester 3
CIS-68B or	Big Data Fundamentals	3	Semester 3
CIS/CSC-2 or	Fundamental of Systems Analysis	3	Semester 3
CIS/CSC-20	Systems Analysis and Design	3	Semester 3

Total Program Units:   33   units

### Item 3. Program Requirements

Required Courses:   30   units

Course	Title	Units	Sequencing
CIS-1A	Introduction to Computer Information Systems	3	Semester 1
MAT-70A/CIS-70A	Foundations of Data Science	3	Semester 1
CIS/CSC-61	Introduction to Database Theory	3	Semester 1
CIS-30A or CSC-8	Introduction to Python Programming or Programming Concepts: Python	3	Semester 1
MAT-70B	Statistics for STEM	4	Semester 2
MAT-1A or MAT-1AH	Calculus I / Honors Calculus I	4	Semester 2
CIS/CSC-63	Introduction to Structured Query Language	3	Semester 2
MAT-1B	Calculus II	4	Semester 3
CIS-30E	Advanced Python Programming	3	Semester 3

Elective Courses:   3   units

Course	Title	Units	Sequencing
CIS-68A or	Introduction to Machine Learning	3	Semester 3
CIS-68B or	Big Data Fundamentals	3	Semester 3
CIS/CSC-2 or	Fundamental of System Analysis	3	Semester 3
CIS/CSC-20	Systems Analysis and Design	3	Semester 3

Total Program Units:   33   units

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

This cross-discipline certificate will increase the diversity in Inland Empire workforce by providing technical training emphasis in Career Technical Education. This program will increase the diversity of student population in STEM, Computer Information Systems and Mathematics, aligning with Guided Pathway to support student success. The growth of the program will also address to need to improve special populations in STEM, such as potentially increasing the population of female students and professionals in the areas of STEM. The program is expected to have a steady growth after the initial year with program promotional outreach to local high schools and community centers.

#### **Item 5. Enrollment and Completer Projections**

Enrollment Projects for courses are as followed:

Required courses:

- CIS-1A: 49 students
- MAT-27B: 49 students
- CIS/CSC-61: 49 students
- CIS-30A or CSC-8: 49 students
- CIS-68A/MAT27A: 49 students
- CIS-68B: 49 students

Electives:

- CIS-68C: 49 students
- CIS-2: 49 students
- CIS-20: 49 students

This program is expected to have 50 to 100 students by Spring 2023.

#### **Item 6. Place of Program in Curriculum/Similar Programs**

Most of the courses in the program are active courses that are currently offered at all three campuses in RCCD. The new courses will be incorporated into the program seamlessly. No other programs are similar or the same as the proposed Data Analytics program.

#### **Item 7. Similar Programs at Other Colleges in Service Area**

No other college in the region offers similar program. This program offers opportunities for students to acquire technical training that will help them build careers and contribute to Inland Empire social-economic improvement. It also provides local organizations access to a growing workforce and training resources for their incumbent workers.

#### **Item 8. Transfer Preparation Information (if applicable)**

Existing courses have been articulated for UC and CSU transfer. New courses can be articulated as transferrable courses at University of California Riverside, California State University San Bernardino, Cal-Poly Pomona, and other institutions. The courses in this certificate can be used toward Associate Degree to Transfer for Data Science for UC and CSU.

**Program Outline**

**Title: Data Science**

**Originator: Caroline Hutchings**

**Date 3/9/2022**

**Department: School of Science, Technology, Engineering, and Mathematics**

**Moreno Valley College**                       **Norco College**                       **Riverside City College**  
*(Please note: All degrees and certificates are college specific. If multiple colleges wish to adopt this degree or certificate, a separate proposal and college specific supporting documents are required.)*

**TOPs Code: 0707.30                      CIP Code: 11.0501**

**Type of Program:**

Certificate of Achievement only                       Locally approved certificate (8-units or less) only  
 Associate Degree only                       Certificate of Achievement and Degree

**Type of Associate Degree:**

Associate of Arts                       Associate of Science

**This is a:**                       New certificate/degree                       Modification to an existing certificate/degree

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

**Rationale:**

This program addresses industry’s continuing demands for professionals to test and build tools to meet the data quality validation needs for a cloud platform-based application and building enterprise analytics of large data volume. Based on Inland Empire/Desert region Labor Market Information report, the data-analysis occupation is projected to have 189 annual job openings, increasing employment by 8% through 2024. The 10th percentile hourly wage for data analysis related occupations exceeds the Family Needs Calculator self-sustainability rate, indicating that approximately the top 90% of workers in this occupation earn self-sufficient hourly wages. The courses in this program will also align with university courses, which will permit students to transfer to further develop skills and knowledge in the areas of Data Science.

**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 Degrees and Certificates**

- Evidence of district-wide discipline communication
- Department minutes showing approval
- Narrative *(see following page)*
- Transfer preparation documentation *(only if applicable)*

**Degrees and Certificates of 8 Units or More with Vocational TOPs Codes**

**In addition to the above, all degrees and certificates of 8 units or more with a vocational TOPs code must include the following to be submitted to the State Chancellor’s Office for approval.\***

- ☒ Labor Market Information and Analysis *(Required for new programs and modifications.)*
- ☒ Advisory Committee Recommendation *(Required for new programs and may be required for modifications. Check with the curriculum coordinator at your college to determine if a new recommendation is necessary.)*
- ☒ Regional Consortium Recommendation *(Required for new programs only.)*

*\*Certificates between 8 and less than 16 units can be approved locally or can be submitted to the State Chancellor's Office for approval. Certificates of less than 8 units can only be approved locally. However, locally approved certificates will not appear on student transcripts.*

## Program Narrative

### **Item 1. Program Goals and Objectives**

Associate Degree of Science in Data Science provides students with a foundation in data analysis, in which students will model, synthesize, and present large data sets for business decision making. Courses will focus on the techniques and tools to extract data from various data sources, model, integrate data, and visualize data for organizational decision making and intelligence gathering. The program prepares students for entry-level jobs, or to help them advance into careers, such as Operation Data Analyst, Business Analytics Specialist, System Data Analyst, Data Visualization Developer, Test Data Analyst, and Market Research Analyst. Topics covered will include statistics, research methods, SQL queries, systems analysis, design, and applied predictive analytics.

#### ***Program Learning Outcomes:***

Upon successful completion of this program, students should be able to:

- Identify, extract, clean and maintain data in databases.
- Interpret and evaluate data trends or patterns in complex data sets using statistical techniques, analytic methods, and tools.
- Create and monitor reports to preserve data quality, identify critical issues, trends, and potential solutions.

### **Item 2. Catalog Description**

Associate Degree of Science in Data Science provides students with a foundation in data analysis, in which students will model, synthesize, and present large data sets for business decision making. Courses will focus on the techniques and tools to extract data from various data sources, model, integrate data, and visualize data for organizational decision making and intelligence gathering. The program prepares students for entry-level jobs, or to help them advance into careers, such as Operation Data Analyst, Business Analytics Specialist, System Data Analyst, Data Visualization Developer, Test Data Analyst, and Market Research Analyst. Topics covered will include statistics, research methods, SQL queries, systems analysis, design, and applied predictive analytics.

#### **Program Requirement:**

Before entering this program, student must complete MAT – 35 and MAT-10 or MAT-23 or qualifying placement level in mathematics to be successful in courses in the program.

#### **Program Learning Outcomes:**

Upon successful completion of this program, students should be able to:

- Identify, extract, clean and maintain data in databases.

- Interpret and evaluate data trends or patterns in complex data sets using statistical techniques, analytic methods, and tools.
- Create and monitor reports to preserve data quality, identify critical issues, trends, and potential solutions.

Required Courses:  37  units

Course	Title	Units	Sequencing
CIS-1A	Introduction to Computer Information Systems	3	Semester 1
MAT-70A/CIS-70A	Foundations of Data Science	3	Semester 1
CIS/CSC-61	Introduction to Database Theory	3	Semester 1
CIS-30A or CSC-8	Introduction to Python Programming or Programming Concepts: Python	3	Semester 1
MAT-70B	Statistics for STEM	4	Semester 2
MAT-1A or MAT-1AH	Calculus I / Honors Calculus I	4	Semester 2
CIS/CSC-63	Introduction to Structured Query Language (SQL)	3	Semester 2
MAT-1B	Calculus II	4	Semester 3
CIS-30E	Advanced Python Programming	3	Semester 3
MAT-1C	Calculus III	4	Semester 4
MAT-3	Linear Algebra	3	Semester 4

Elective Courses:  3  units

Course	Title	Units	Sequencing
CIS-68A or	Introduction to Machine Learning	3	Semester 3
CIS-68B or	Big Data Fundamentals	3	Semester 3
CIS/CSC-2 or	Fundamentals of Systems Analysis	3	Semester 4
CSC-20	System Analysis and Design	3	Semester 4

Total Program Units:  40  units

### Item 3. Program Requirements

Required Courses:  37  units

Course	Title	Units	Sequencing
CIS-1A	Introduction to Computer Information Systems	3	Semester 1
MAT-70A/CIS-70A	Foundations of Data Science	3	Semester 1
CIS/CSC-61	Introduction to Database Theory	3	Semester 1
CIS-30A or CSC-8	Introduction to Python Programming or Programming Concepts: Python	3	Semester 1
MAT-70B	Statistics for STEM	4	Semester 2
MAT-1A	Calculus I	4	Semester 2
CIS/CSC-63	Introduction to Structured Query	3	Semester 2



	Language (SQL)		
MAT-1B	Calculus II	4	Semester 3
CIS-30E	Advanced Python Programming	3	Semester 3
MAT-1C	Calculus III	4	Semester 4
MAT-3	Linear Algebra	3	Semester 4

Elective Courses:  3  units

Course	Title	Units	Sequencing
CIS-68A or	Introduction to Machine Learning	3	Semester 3
CIS-68B or	Big Data Fundamentals	3	Semester 3
CIS/CSC-2 or	Fundamentals of Systems Analysis	3	Semester 4
CSC-20	System Analysis and Design	3	Semester 4

Total Program Units:  40  units

The **Associate of Science Degree in Data Science** will be awarded upon completion of the degree requirements, including general education and other graduation requirements as described in the college catalog.

Minimum Degree Units		Maximum Degree Units	
Minimum Required Units	40	Maximum Required Units	40
Minimum Elective Units	3	Maximum Elective Units	3
Local GE Required Units	27	CSUGE Required Units	39
Double Counted Units	7	Double Counted Units	3
<b>Total Minimum Degree Units</b>	<b>60</b>	<b>Total Maximum Degree Units</b>	<b>76</b>

**Item 4. Master Planning**

This degree will increase the diversity in Inland Empire workforce by providing technical training emphasis in Career Technical Education. This program will increase the diversity of student population in STEM, Computer Information Systems and Mathematics. It will allow student to transfer to UC or CSU to pursue a bachelor’s degree in Data Science or related areas. The program will also improve the growth in special populations in STEM education, such as potentially increasing the population of female students and under-represented populations in the areas of STEM. The program is expected to have a steady growth after the initial year with program promotional outreach to local high schools and community centers.

**Item 5. Enrollment and Completer Projections**

Enrollment Projects for courses are as followed:

Required courses:

- CIS-1A: 49 students
- MAT-70A/CIS-70A: 49 students
- MAT-70B: 49 students
- CIS/CSC-61: 49 students
- CIS/CSC-63: 49 students



- CIS-30A or CSC-8: 49 students
  - CIS-68B: 49 students
- Electives:
- CIS-68A: 49 students
  - CIS-68B: 49 students
  - CIS-2: 49 students
  - CIS-20: 49 students

This program is expected to have 50 to 100 students by Fall 2023.

**Item 6. Place of Program in Curriculum/Similar Programs**

Most of the courses in the program are active courses that are currently offered at all three campuses in RCCD. The new courses will be incorporated into the program seamlessly. No other programs are similar or the same as the proposed Data Analytics program.

**Item 7. Similar Programs at Other Colleges in Service Area**

No other college in the region offers similar program. This program offers opportunities for students to acquire technical training that will help them build careers and contribute to Inland Empire social-economic improvement. It also provides local organizations access to a growing workforce and training resources for their incumbent workers.

**Item 8. Transfer Preparation Information (if applicable)**

Existing courses have been articulated for UC and CSU transfer. New courses can be articulated as transferrable courses at University of California Riverside, California State University San Bernardino, Cal-Poly Pomona and other institutions. The courses in this certificate can be used toward Associate Degree to Transfer for Data Science for UC and CSU.

## Program Outline of Record – Credit or Non-Credit Apprenticeships

### Program Outline

**Title:** Apprenticeship Carpentry, Acoustical Installer, AS

**Originator:** Dr. Anthony E. Farmand, PhD, PE

**Date** Click or tap to enter a date.

**Department:** BEIT

**College:**  Moreno Valley College  Norco College  Riverside City College

*(Please note: Apprenticeships are college specific. If multiple colleges wish to adopt this apprenticeship, a separate proposal and college specific supporting documents are required.)*

**TOPs Code:** 0952.80

**CIP Code:** 46.0201

**Credit Type:**  Credit apprenticeship

Non-credit apprenticeship

**This is a:**  New apprenticeship

Modification to an existing apprenticeship

**If this is a modification to an existing apprenticeship, please specify the changes being made:**

*(Please be specific! Indicate any changes such as title, learning outcomes, course changes, unit values, etc.)*

**Rationale:** 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 2022.

### 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 program submissions must include the following:**

- Evidence of district-wide discipline communication
- Department minutes showing approval
- Narrative *(see following page)*
- Labor Market Information and Analysis *(required for new apprenticeships and modifications)*
- Approval letter from the California Division of Apprenticeship Standards (DAS) *(required for new apprenticeships and modifications. The approval documentation must list the specific campus approved.)*

**Program Narrative**

**Item 1. Program Goals and Objectives**

To provide related and supplemental instruction for students who are apprentices through Norco Community College; to allow apprentices to earn college credit for their related and supplemental instruction; to prepare apprentices for journey-level work in the acoustical tile field; to meet the needs of apprentices and employers.

**Item 2. Catalog Description**

The Associate of Science (AS) degree in Apprenticeship Carpentry, Acoustical Installer provides the required related and supplemental instruction for interior systems apprentices in the technical skills required in the trade. Successful completion may result in journey worker status.

**Program Learning Outcome**

Upon successful completion of this program, students should be able to:

1. Prepares individuals to apply technical knowledge and skills to layout, cut fabricate, install, and repair wooden structures and fixtures, using hand and power tools. Includes instruction in technical mathematics, framing, construction materials and selection, job estimating, blueprint reading, foundations, and roughing-in, finish carpentry techniques, and applicable codes and standards.
2. Construct, erect, install, or repair structures and fixtures made of wood and comparable materials, such as concrete forms; building frameworks, including partitions, joists, studding, and rafters; and wood stairways, window and door frames, and hardwood floors.
3. May also install cabinets, siding, drywall, and batt or roll insulation, includes brattice builders who build doors or brattices (ventilation walls or partitions) in underground passageways.

**Item 3. Program Requirements**

**Major requirements: Apprenticeship Carpentry, Acoustical Installer, AS**

Course Code	Course Title	Credits
CRP 461A	Acoustical Ceilings	1.5
CRP 462	Standard Acoustical Grids	1.5
CRP 463	Suspended Ceilings	1.5
CRP 464	Acoustical Soffits	1.5
CRP 466	Concealed/Glue-Up/Staple-Up Systems	1.5
CRP 467	Designer and Specialty Trims	1.5
CRP 468	Metal Pan and Security Systems	1.5
CRP 471A	Orientation	2
CRP 471B	Safety and Health Certifications	2
CRP 471C	Tool/Equipment Applications	1.5
CRP 474A	Print Reading	2
CRP 479A	Drywall and Acoustical Ceilings	1.5
	<b>Total Credits</b>	<b>19.5</b>

**Select four (4) courses from the following:**

<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>
CRP 461B	Advanced Acoustical Ceiling Layout	1.5
CRP 461C	Advanced Acoustical Ceiling Installation	1.5
CRP 465	Prefab/Sound Panels	1.5
CRP 472A	Basic Metal Framing	1.5
CRP 473C	Framing Curves and Arches	1.5
CRP 474B	Advanced Print Reading	2
CRP 483	Door and Door Frames	1.5
<b>Total Credits</b>		<b>11</b>

**A.S. Degree Major**

	<b>Credits</b>
<b>Major requirements:</b>	19.5
CRP 461A - Acoustical Ceilings	1.5
<b>AND</b>	
CRP 462 - Standard Acoustical Grids	1.5
<b>AND</b>	
CRP 463 - Suspended Ceilings	1.5
<b>AND</b>	
CRP 464 - Acoustical Soffits	1.5
<b>AND</b>	
CRP 466 - Concealed/Glue-Up/Staple-Up Systems	1.5
<b>AND</b>	
CRP 467 - Designer and Specialty Trims	1.5
<b>AND</b>	
CRP 468 - Metal Pan and Security Systems	1.5
<b>AND</b>	
CRP 471A - Orientation	2
<b>AND</b>	
CRP 471B - Safety and Health Certifications	2
<b>AND</b>	
CRP 471C - Tool/Equipment Applications	1.5
<b>AND</b>	
CRP 474A - Print Reading	2
<b>AND</b>	
CRP 479A - Drywall/Acoustical Ceilings	1.5
<b>Select four (4) courses from the following:</b>	6 - 6.5
CRP 461B - Advanced Acoustical Ceiling Layout	1.5

<b>OR</b>		
CRP 461C - Advanced Acoustical Ceiling Installation		1.5
<b>OR</b>		
CRP 465 - Prefab/Sound Panels		1.5
<b>OR</b>		
CRP 472A - Basic Metal Framing		1.5
<b>OR</b>		
CRP 473C - Framing Curves and Arches		1.5
<b>OR</b>		
CRP 474B - Advanced Print Reading		2
<b>OR</b>		
CRP 483 - Door/Door Frames		1.5
	<b>Total Credits</b>	<b>25.5 - 26</b>

**Item 4. Master Planning**

Riverside Community College District is dedicated to the success of its students and to the development of the communities it serves. By facilitating its Colleges and learning centers to provide educational and student services, it meets the needs and expectations of its unique communities of learners. The District provides the Colleges with leadership in the areas of advocacy, resource stewardship, and planning.

Norco Community College inspires a diverse student body by an inclusive innovative approach to learning its pathways to transfer, professional, career and technical education, certificates, and degrees. We are proud to be a pivotal hub for scholarship, arts and culture, dynamic technologies, and partnerships. Norco Community College encourages self-empowerment and is dedicated to transforming the lives of our students, employees, and community.

**Item 5. Enrollment and Completer Projections**

20-25 enrollments and 10-20 each year.

**Item 6. Place of Program in Curriculum/Similar Programs**

Other certificate in the Carpentry program include:

Apprenticeship Carpentry, Acoustical Installer, AS  
 Apprenticeship Carpentry, Acoustical Installer, CA

Apprenticeship Carpentry, Concrete, AS  
 Apprenticeship Carpentry, Concrete, CA

Apprenticeship Carpentry, Drywall/Lather, AS  
 Apprenticeship Carpentry, Drywall/Lather, CA

Apprenticeship Carpentry, Drywall Finisher, AS  
Apprenticeship Carpentry, Drywall Finisher, CA

Apprenticeship Carpentry, Finish Carpentry, AS  
Apprenticeship Carpentry, Finish Carpentry, CA

Apprenticeship Carpentry, Framing, AS  
Apprenticeship Carpentry, Framing, CA

Apprenticeship Carpentry, Insulator, AS  
Apprenticeship Carpentry, Insulator, CA

Apprenticeship Carpentry, Millwrighting, AS  
Apprenticeship Carpentry, Millwrighting, CA

Apprenticeship Carpentry, Pile Driver, AS  
Apprenticeship Carpentry, Pile Driver, CA

Apprenticeship Carpentry, Plastering, AS  
Apprenticeship Carpentry, Plastering, CA

Apprenticeship Carpentry, Tilt-Up, AS  
Apprenticeship Carpentry, Tilt-Up, CA

**Item 7. Similar Programs at Other Colleges in Service Area**

Santiago Canyon College and Southwest Carpenters Training Fund both have Apprenticeship Carpentry, Acoustical Installer, AS programming certificates.

**Item 8. Transfer Preparation Information (if applicable)**

Not Applicable

### Program Outline

**Title:** Apprenticeship Carpentry, Concrete, AS

**Originator:** Dr. Anthony E. Farmand, PhD, PE

**Date** Click or tap to enter a date.

**Department:** BEIT

**College:**  Moreno Valley College  Norco College  Riverside City College

*(Please note: Apprenticeships are college specific. If multiple colleges wish to adopt this apprenticeship, a separate proposal and college specific supporting documents are required.)*

**TOPs Code:** 0952.10

**CIP Code:** 46.0201

**Credit Type:**  Credit apprenticeship

Non-credit apprenticeship

**This is a:**  New apprenticeship

Modification to an existing apprenticeship

**If this is a modification to an existing apprenticeship, please specify the changes being made:**

*(Please be specific! Indicate any changes such as title, learning outcomes, course changes, unit values, etc.)*

**Rationale:** 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 2022.

### 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 program submissions must include the following:**

- Evidence of district-wide discipline communication
- Department minutes showing approval
- Narrative *(see following page)*
- Labor Market Information and Analysis *(required for new apprenticeships and modifications)*
- Approval letter from the California Division of Apprenticeship Standards (DAS) *(required for new apprenticeships and modifications. The approval documentation must list the specific campus approved.)*

**Program Narrative**

**Item 1. Program Goals and Objectives**

To provide related and supplemental instruction for students who are apprentices through Norco Community College; to allow apprentices to earn college credit for their related and supplemental instruction; to prepare apprentices for journey-level work in the acoustical tile field; to meet the needs of apprentices and employers.

**Item 2. Catalog Description**

The Associate of Science (AS) degree in Apprenticeship Carpentry, Acoustical Installer provides the required related and supplemental instruction for interior systems apprentices in the technical skills required in the trade. Successful completion may result in journey worker status.

**Program Learning Outcome**

Upon successful completion of this program, students should be able to:

1. Prepares individuals to apply technical knowledge and skills to layout, cut fabricate, install, and repair wooden structures and fixtures, using hand and power tools. Includes instruction in technical mathematics, framing, construction materials and selection, job estimating, blueprint reading, foundations, and roughing-in, finish carpentry techniques, and applicable codes and standards.
2. Construct, erect, install, or repair structures and fixtures made of wood and comparable materials, such as concrete forms; building frameworks, including partitions, joists, studding, and rafters; and wood stairways, window and door frames, and hardwood floors.
3. May also install cabinets, siding, drywall, and batt or roll insulation, includes brattice builders who build doors or brattices (ventilation walls or partitions) in underground passageways.

**Item 3. Program Requirements**

**Major requirements: Apprenticeship Carpentry, Concrete, AS**

<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>
CRP 404C	Print Reading - Symbols	2
CRP 421A	Orientation – Hand Tools Safety	2
CRP 421B	Safety and Health Certifications – Hand & Power Tools Applications	2
CRP 421E	Tool/Equipment Applications – Emergency Response Procedures	1.5
CRP 425A	Foundations and Flatwork	1.5
CRP 426A	Tilt-Up Panel Construction	1.5
CRP 426B	Wall Forming	1.5
CRP 426C	Gang Forms/Columns	1.5
CRP 426D	Abutments	1.5



CRP 427C	Beam and Deck Forming	1.5
CRP 427D	Stairs and Ramp Forming	1.5
CRP 428A	Bridge Construction	1.5
	Total Credits	19.5

**Select four (4) courses from the following:**

<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>
CRP 421C	Basic Wall Framing	1.5
CRP 422A	Commercial Floor Framing	1.5
CRP 423B	Basic Roof Framing	1.5
CRP 424A	Basic Commercial Framing	1.5
CRP 424D	Transit Level/Laser	2
CRP 425D	Advanced Print Reading - Digital Planning	2
CRP 428E	Bridge Falsework	1.5
CRP 429A	Rigging	1.5
CRP 429C	Solar Installer Level 1	1.5
CRP 495	Water Treatment Facilities	1.5
	Total Credits	16

**A.S. Degree Major Credits**

**Major requirements: 19.5**

CRP 404C - Print Reading - Symbols 2

**AND**

CRP 421A - Orientation - Hand Tools Safety 2

**AND**

CRP 421B - Safety and Health Certifications - Hand & Power Tools Applications 2

**AND**

CRP 421E - Tool/Equipment Applications - Emergency Response Procedures 1.5

**AND**

CRP 425A - Foundations and Flatwork 1.5

**AND**

CRP 426A - Tilt-Up Panel Construction 1.5

**AND**

CRP 426B - Wall Forming 1.5

**AND**

CRP 426C - Gang Forms/Columns	1.5
<b>AND</b>	
CRP 426D - Abutments	1.5
<b>AND</b>	
CRP 427C - Beam and Deck Forming	1.5
<b>AND</b>	
CRP 427D - Stairs and Ramp Forming	1.5
<b>AND</b>	
CRP428A - Bridge Construction	1.5
<b>Select four (4) courses from the following:</b>	
CRP 421C - Basic Wall Framing	1.5
<b>OR</b>	
CRP 422A - Commercial Floor Framing	1.5
<b>OR</b>	
CRP 423B - Basic Roof Framing	1.5
<b>OR</b>	
CRP 424A - Basic Commercial Framing	1.5
<b>OR</b>	
CRP 424D - Transit Level/Laser	2
<b>OR</b>	
CRP 425D - Advanced Print Reading – Digital Planning	2
<b>OR</b>	
CRP 428E - Bridge Falsework	1.5
<b>OR</b>	
CRP 429A - Rigging	1.5
<b>OR</b>	
CRP 429C - Solar Installer Level 1	1.5
<b>OR</b>	
CRP 495 - Water Treatment Facilities	1.5
<b>Total Credits</b>	<b>25.5-26.5</b>

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

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#### **Item 5. Enrollment and Completer Projections**

20-25 enrollments and 10-20 each year.

#### **Item 6. Place of Program in Curriculum/Similar Programs**

Other certificate in the Carpentry program include:

Apprenticeship Carpentry, Acoustical Installer, AS  
Apprenticeship Carpentry, Acoustical Installer, CA

Apprenticeship Carpentry, Concrete, AS  
Apprenticeship Carpentry, Concrete, CA

Apprenticeship Carpentry, Drywall/Lather, AS  
Apprenticeship Carpentry, Drywall/Lather, CA

Apprenticeship Carpentry, Drywall Finisher, AS  
Apprenticeship Carpentry, Drywall Finisher, CA

Apprenticeship Carpentry, Finish Carpentry, AS  
Apprenticeship Carpentry, Finish Carpentry, CA

Apprenticeship Carpentry, Framing, AS  
Apprenticeship Carpentry, Framing, CA

Apprenticeship Carpentry, Insulator, AS  
Apprenticeship Carpentry, Insulator, CA

Apprenticeship Carpentry, Millwrighting, AS  
Apprenticeship Carpentry, Millwrighting, CA

Apprenticeship Carpentry, Pile Driver, AS

Apprenticeship Carpentry, Pile Driver, CA

Apprenticeship Carpentry, Plastering, AS  
Apprenticeship Carpentry, Plastering, CA

Apprenticeship Carpentry, Tilt-Up, AS  
Apprenticeship Carpentry, Tilt-Up, CA

**Item 7. Similar Programs at Other Colleges in Service Area**

Santiago Canyon College and Southwest Carpenters Training Fund both have Apprenticeship Carpentry, Acoustical Installer, AS programming certificates.

**Item 8. Transfer Preparation Information (if applicable)**

Not Applicable

## Program Outline

**Title:** Apprenticeship Carpentry, Drywall Finisher, AS

**Originator:** Dr. Anthony E. Farmand, PhD, PE

**Date** Click or tap to enter a date.

**Department:** BEIT

**College:**  Moreno Valley College     Norco College     Riverside City College

*(Please note: Apprenticeships are college specific. If multiple colleges wish to adopt this apprenticeship, a separate proposal and college specific supporting documents are required.)*

**TOPs Code:** 0952.80

**CIP Code:** 46.0201

**Credit Type:**             Credit apprenticeship

Non-credit apprenticeship

**This is a:**                 New apprenticeship

Modification to an existing apprenticeship

**If this is a modification to an existing apprenticeship, please specify the changes being made:**

*(Please be specific! Indicate any changes such as title, learning outcomes, course changes, unit values, etc.)*

**Rationale:** 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 2022.

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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.

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- Labor Market Information and Analysis *(required for new apprenticeships and modifications)*
- Approval letter from the California Division of Apprenticeship Standards (DAS) *(required for new apprenticeships and modifications. The approval documentation must list the specific campus approved.)*

**Program Narrative**

**Item 1. Program Goals and Objectives**

To provide related and supplemental instruction for students who are apprentices through Norco Community College; to allow apprentices to earn college credit for their related and supplemental instruction; to prepare apprentices for journey-level work in the acoustical tile field; to meet the needs of apprentices and employers.

**Item 2. Catalog Description**

The Associate of Science (AS) degree in Apprenticeship Carpentry, Acoustical Installer provides the required related and supplemental instruction for interior systems apprentices in the technical skills required in the trade. Successful completion may result in journey worker status.

**Program Learning Outcome**

Upon successful completion of this program, students should be able to:

1. Prepares individuals to apply technical knowledge and skills to layout, cut fabricate, install, and repair wooden structures and fixtures, using hand and power tools. Includes instruction in technical mathematics, framing, construction materials and selection, job estimating, blueprint reading, foundations, and roughing-in, finish carpentry techniques, and applicable codes and standards.
2. Construct, erect, install, or repair structures and fixtures made of wood and comparable materials, such as concrete forms; building frameworks, including partitions, joists, studding, and rafters; and wood stairways, window and door frames, and hardwood floors.
3. May also install cabinets, siding, drywall, and batt or roll insulation, includes brattice builders who build doors or brattices (ventilation walls or partitions) in underground passageways.

**Item 3. Program requirements**

**Major requirements: Apprenticeship Carpentry, Drywall Finisher, AS**

<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>
CRP 471A	Orientation – Power Tools Safety	2
CRP 471B	Safety and Health Certifications - Scaffold	2
CRP 472A	Basic Metal Framing	1.5
CRP 474A	Print Reading - Specifications	2
CRP 476A	Basic Hand Finishing	1.5
CRP 476B	Automatic Finishing Tools	1.5
CRP 477A	Drywall Installation/Finish Trims	1.5
CRP 477B	Advanced Hand Finishing	1.5
CRP 477C	Advanced Automatic Finishing Tools	1.5
CRP 478B	Advanced Metal Framing	1.5
CRP 478C	Wet Wall Finishes	1.5
CRP 478D	Ceiling and Soffit Finishing	1.5
CRP 479A	Drywall and Acoustical Ceilings	1.5

CRP 482B	S/B Firestop/Fireproofing Procedures	1.5
CRP 482C	Decorative Trims and Textures	1.5
	<b>Total Credits</b>	<b>24</b>
<b>A.S. Degree Major</b>		
<b>Rule</b>		<b>Credits</b>
<b>Major requirements:</b>		
CRP 471A – Orientation – Power Tools Safety		24
AND		
CRP 471B - Safety and Health Certifications - Scaffold		2
AND		
CRP 472A - Basic Metal Framing		1.5
AND		
CRP 474A - Print Reading – Specifications		2
AND		
CRP 476A - Basic Hand Finishing		1.5
AND		
CRP 476B - Automatic Finishing Tools		1.5
AND		
CRP 477A - Drywall Installation/Finish Trims		1.5
AND		
CRP 477B - Advanced Hand Finishing		1.5
AND		
CRP 477C - Advanced Automatic Finishing Tools		1.5
AND		
CRP 478B - Advanced Metal Framing		1.5
AND		
CRP 478C - Wet Wall Finishes		1.5
AND		
CRP 478D - Ceiling and Soffit Finishing		1.5
AND		
CRP 479A - Drywall and Acoustical Ceilings		1.5
AND		
CRP 482B - S/B Firestop/Fireproofing Procedures		1.5
AND		
CRP 482C - Decorative Trims and Textures		1.5

	<b>Total Credits</b>	<b>24</b>
<b>A.S. Degree Major</b>		
<b>Rule</b>		<b>Credits</b>
<b>Major requirements:</b>		24
CRP 471A - Orientation		2
<b>AND</b>		
CRP 471B - Safety and Health Certifications		2
<b>AND</b>		
CRP 472A - Basic Metal Framing		1.5
<b>AND</b>		
CRP 474A - Print Reading		2
<b>AND</b>		
CRP 476A - Basic Hand Finishing		1.5
<b>AND</b>		
CRP 476B - Automatic Finishing Tools		1.5
<b>AND</b>		
CRP 477A - Drywall Installation/Finish Trims		1.5
<b>AND</b>		
CRP 477B - Advanced Hand Finishing		1.5
<b>AND</b>		
CRP 477C - Advanced Automatic Finishing Tools		1.5
<b>AND</b>		
CRP478B - Advanced Metal Framing		1.5
<b>AND</b>		
CRP 478C - Wet Wall Finishes		1.5
<b>AND</b>		
CRP 478D - Ceiling and Soffit Finishing		1.5
<b>AND</b>		
CRP 479A - Drywall and Acoustical Ceilings		1.5
<b>AND</b>		
CRP 482B - S/B Firestop/Fireproofing Procedures		1.5
<b>AND</b>		
CRP 482C - Decorative Trims and Textures		1.5
	<b>Total Credits</b>	<b>24</b>



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

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#### **Item 5. Enrollment and Completer Projections**

20-25 enrollments and 10-20 each year.

#### **Item 6. Place of Program in Curriculum/Similar Programs**

Other certificate in the Carpentry program include:

Apprenticeship Carpentry, Acoustical Installer, AS  
Apprenticeship Carpentry, Acoustical Installer, CA

Apprenticeship Carpentry, Concrete, AS  
Apprenticeship Carpentry, Concrete, CA

Apprenticeship Carpentry, Drywall/Lather, AS  
Apprenticeship Carpentry, Drywall/Lather, CA

Apprenticeship Carpentry, Drywall Finisher, AS  
Apprenticeship Carpentry, Drywall Finisher, CA

Apprenticeship Carpentry, Finish Carpentry, AS  
Apprenticeship Carpentry, Finish Carpentry, CA

Apprenticeship Carpentry, Framing, AS  
Apprenticeship Carpentry, Framing, CA

Apprenticeship Carpentry, Insulator, AS  
Apprenticeship Carpentry, Insulator, CA

Apprenticeship Carpentry, Millwrighting, AS  
Apprenticeship Carpentry, Millwrighting, CA

Apprenticeship Carpentry, Pile Driver, AS

Apprenticeship Carpentry, Pile Driver, CA

Apprenticeship Carpentry, Plastering, AS

Apprenticeship Carpentry, Plastering, CA

Apprenticeship Carpentry, Tilt-Up, AS

Apprenticeship Carpentry, Tilt-Up, CA

**Item 7. Similar Programs at Other Colleges in Service Area**

Santiago Canyon College and Southwest Carpenters Training Fund both have Apprenticeship Carpentry, Acoustical Installer, AS programming certificates.

**Item 8. Transfer Preparation Information (if applicable)**

Not Applicable

**Program Outline**

**Title:** Apprenticeship Carpentry, Drywall/Lather, AS

**Originator:** Dr. Anthony E. Farmand, PhD, PE

**Date** Click or tap to enter a date.

**Department:** BEIT

**College:**  Moreno Valley College     Norco College     Riverside City College

*(Please note: Apprenticeships are college specific. If multiple colleges wish to adopt this apprenticeship, a separate proposal and college specific supporting documents are required.)*

**TOPs Code:** 0952.80

**CIP Code:** 46.0201

**Credit Type:**             Credit apprenticeship

Non-credit apprenticeship

**This is a:**                 New apprenticeship

Modification to an existing apprenticeship

**If this is a modification to an existing apprenticeship, please specify the changes being made:**

*(Please be specific! Indicate any changes such as title, learning outcomes, course changes, unit values, etc.)*

**Rationale:** 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 2022.

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- Department minutes showing approval
- Narrative *(see following page)*
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- Approval letter from the California Division of Apprenticeship Standards (DAS) *(required for new apprenticeships and modifications. The approval documentation must list the specific campus approved.)*

**Program Narrative**

**Item 1. Program Goals and Objectives**

To provide related and supplemental instruction for students who are apprentices through Norco Community College; to allow apprentices to earn college credit for their related and supplemental instruction; to prepare apprentices for journey-level work in the acoustical tile field; to meet the needs of apprentices and employers.

**Item 2. Catalog Description**

The Associate of Science (AS) degree in Apprenticeship Carpentry, Acoustical Installer provides the required related and supplemental instruction for interior systems apprentices in the technical skills required in the trade. Successful completion may result in journey worker status.

**Program Learning Outcome**

Upon successful completion of this program, students should be able to:

1. Prepares individuals to apply technical knowledge and skills to layout, cut fabricate, install, and repair wooden structures and fixtures, using hand and power tools. Includes instruction in technical mathematics, framing, construction materials and selection, job estimating, blueprint reading, foundations, and roughing-in, finish carpentry techniques, and applicable codes and standards.
2. Construct, erect, install, or repair structures and fixtures made of wood and comparable materials, such as concrete forms; building frameworks, including partitions, joists, studding, and rafters; and wood stairways, window and door frames, and hardwood floors.
3. May also install cabinets, siding, drywall, and batt or roll insulation, includes brattice builders who build doors or brattices (ventilation walls or partitions) in underground passageways.

**Item 3. Program Requirements**

**Major requirements: Apprenticeship Carpentry, Drywall/Lather, AS**

<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>
CRP 471A	Orientation – Power Tools Safety	2
CRP 471B	Safety and Health Certifications - Scaffold	2
CRP 471C	Tool/Equipment Applications – Fall Protection	1.5
CRP 472A	Basic Metal Framing	1.5
CRP 472B	Basic Lathing	1.5
CRP 473A	Framing Ceilings and Soffits	1.5
CRP 473B	Framing Suspended Ceilings	1.5
CRP 473C	Framing Curves and Arches	1.5
CRP 474A	Print Reading - Specifications	2
CRP 474B	Advanced Print Reading – Digital Applications	2
CRP 475A	Light Gage Welding AWS - A	1.5

## Program Outline of Record – Credit or Non-Credit Apprenticeships

CRP 483	Door and Door Frames (Layout and Frame)	1.5
	<b>Total Credits</b>	<b>20</b>

Select six (6) units from the following:

Course Code	Course Title	Credits
CRP 472C	Advanced Lathing	1.5
CRP 474C	Air, Moisture, and Thermal Barriers	1.5
CPR 475B	Light Gage Welding LAC	1.5
CRP 475C	Light Gage Welding AWS - B	1.5
CRP 476A	Basic Hand Finishing	1.5
CRP 476B	Automatic Finishing Tools	1.5
CRP 477A	Drywall Installation/Finish Trims	1.5
CRP 477B	Advanced Hand Finishing	1.5
CRP 477C	Advanced Automatic Finishing Tools	1.5
CRP 478B	Advanced Metal Framing	1.5
CRP 478C	Wet Wall Finishes	1.5
CRP 478D	Ceiling and Soffit Finishing	1.5
CRP 479A	Drywall and Acoustical Ceilings	1.5
CRP 479C	Drywall Applications – Production Drywall Hanging	1.5
CRP 482B	S/B Firestop/Fireproofing Procedures	1.5
CRP 482C	Decorative Trims and Textures	1.5
CRP 489	Freeform Lathing	1.5
	<b>Total Credits</b>	<b>25.5</b>

### A.S. Degree Major

Rule	Credits
<b>Major requirements:</b>	20
CRP 471A – Orientation – Power Tools Safety	2
<b>AND</b>	
CRP 471B - Safety and Health Certifications - Scaffold	2
<b>AND</b>	
CRP 471C - Tool/Equipment Applications – Fall Protection	1.5
<b>AND</b>	
CRP 472A - Basic Metal Framing	1.5
<b>AND</b>	
CRP 472B - Basic Lathing	1.5

<b>AND</b>	
CRP 473A - Framing Ceilings and Soffits	1.5
<b>AND</b>	
CRP 473B - Framing Suspended Ceilings	1.5
<b>AND</b>	
CRP 473C - Framing Curves and Arches	1.5
<b>AND</b>	
CRP 474A - Print Reading – Specifications	2
<b>AND</b>	
CRP 474B - Advanced Print Reading – Digital Applications	2
<b>AND</b>	
CRP 475A - Light Gage Welding AWS - A	1.5
<b>AND</b>	
CRP 483 - Door/Door Frames	1.5
<hr/>	
<b>Select six (6) units from the following:</b>	<b>6</b>
CRP 472C - Advanced Lathing	1.5
<b>AND</b>	
CRP 474C - Air, Moisture, and Thermal Barriers	1.5
<b>AND</b>	
CRP 475B - Light Gage Welding LAC	1.5
<b>AND</b>	
CRP 477C - Advanced Automatic Finishing Tool	1.5
<b>AND</b>	
CRP 478B - Advanced Metal Framing	1.5
<b>AND</b>	
CRP 478C - Wet Wall Finishes	1.5
<b>AND</b>	
CRP 478D - Ceiling and Soffit Finishing	1.5
<b>AND</b>	
CRP 479A - Drywall and Acoustical Ceilings	1.5
<b>AND</b>	
CRP 479C - Drywall Applications	1.5

<b>AND</b>		
CRP 482B - S/B Firestop/Fireproofing Procedures		1.5
<b>AND</b>		
CRP 482C - Decorative Trims and Textures		1.5
<b>AND</b>		
CRP 489 - Freeform Lathing		1.5
	<b>Total Credits</b>	<b>26</b>

**Item 4. Master Planning**

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**Item 5. Enrollment and Completer Projections**

20-25 enrollments and 10-20 each year.

**Item 6. Place of Program in Curriculum/Similar Programs**

Other certificate in the Carpentry program include:

Apprenticeship Carpentry, Acoustical Installer, AS  
 Apprenticeship Carpentry, Acoustical Installer, CA

Apprenticeship Carpentry, Concrete, AS  
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Apprenticeship Carpentry, Drywall/Lather, AS  
 Apprenticeship Carpentry, Drywall/Lather, CA

Apprenticeship Carpentry, Drywall Finisher, AS  
 Apprenticeship Carpentry, Drywall Finisher, CA

Apprenticeship Carpentry, Finish Carpentry, AS  
 Apprenticeship Carpentry, Finish Carpentry, CA

Apprenticeship Carpentry, Framing, AS  
Apprenticeship Carpentry, Framing, CA

Apprenticeship Carpentry, Insulator, AS  
Apprenticeship Carpentry, Insulator, CA

Apprenticeship Carpentry, Millwrighting, AS  
Apprenticeship Carpentry, Millwrighting, CA

Apprenticeship Carpentry, Pile Driver, AS  
Apprenticeship Carpentry, Pile Driver, CA

Apprenticeship Carpentry, Plastering, AS  
Apprenticeship Carpentry, Plastering, CA

Apprenticeship Carpentry, Tilt-Up, AS  
Apprenticeship Carpentry, Tilt-Up, CA

**Item 7. Similar Programs at Other Colleges in Service Area**

Santiago Canyon College and Southwest Carpenters Training Fund both have Apprenticeship Carpentry, Acoustical Installer, AS programming certificates.

**Item 8. Transfer Preparation Information (if applicable)**

Not Applicable



## Program Outline

**Title:** Apprenticeship Carpentry, Finish Carpentry, AS

**Originator:** Dr. Anthony E. Farmand, PhD, PE

**Date** Click or tap to enter a date.

**Department:** BEIT

**College:**  Moreno Valley College     Norco College     Riverside City College

*(Please note: Apprenticeships are college specific. If multiple colleges wish to adopt this apprenticeship, a separate proposal and college specific supporting documents are required.)*

**TOPs Code:** 0952.10

**CIP Code:** 46.0201

**Credit Type:**             Credit apprenticeship

Non-credit apprenticeship

**This is a:**                 New apprenticeship

Modification to an existing apprenticeship

**If this is a modification to an existing apprenticeship, please specify the changes being made:**

*(Please be specific! Indicate any changes such as title, learning outcomes, course changes, unit values, etc.)*

**Rationale:** 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 2022.

## Required Documentation

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**Program Narrative**

**Item 1. Program Goals and Objectives**

To provide related and supplemental instruction for students who are apprentices through Norco Community College; to allow apprentices to earn college credit for their related and supplemental instruction; to prepare apprentices for journey-level work in the acoustical tile field; to meet the needs of apprentices and employers.

**Item 2. Catalog Description**

The Associate of Science (AS) degree in Apprenticeship Carpentry, Acoustical Installer provides the required related and supplemental instruction for interior systems apprentices in the technical skills required in the trade. Successful completion may result in journey worker status.

**Program Learning Outcome**

Upon successful completion of this program, students should be able to:

1. Prepares individuals to apply technical knowledge and skills to layout, cut fabricate, install, and repair wooden structures and fixtures, using hand and power tools. Includes instruction in technical mathematics, framing, construction materials and selection, job estimating, blueprint reading, foundations, and roughing-in, finish carpentry techniques, and applicable codes and standards.
2. Construct, erect, install, or repair structures and fixtures made of wood and comparable materials, such as concrete forms; building frameworks, including partitions, joists, studding, and rafters; and wood stairways, window and door frames, and hardwood floors.
3. May also install cabinets, siding, drywall, and batt or roll insulation, includes brattice builders who build doors or brattices (ventilation walls or partitions) in underground passageways.

**Item 3. Program Requirements**

**Major requirements: Apprenticeship Carpentry, Finish Carpentry, AS**

<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>
CRP 404C	Print Reading - Symbols	2
CRP 421A	Orientation – Hand Tools Safety Safety and Health Certifications	2
CRP 421B	– Hand & Power Tools Applications	2
CRP 421C	Basic Wall Framing	1.5
CRP 424D	Transit Level/Laser	2
CRP 425D	Advanced Print Reading – Digital Planning	2
CRP 433A	Cabinet Millwork and Assembly	1.5
CRP 433B	Cabinet Installation	1.5
CRP 433C	Show Case and Loose Store Fixtures	1.5
CRP 433D	Molding and Trims	1.5
CRP 434A	Plastic Laminates	1.5
CRP 434B	Solid and Stone Surfaces	1.5

CRP 434C	Stair Trim	1.5
CRP 434D	Doors and Door Hardware	1.5
CRP 435C	Exit and Electrical Security Devices	1.5

**Total Credits 25**

**A.S. Degree Major**

**Rule Credits**

**Major requirements: 25**

CRP 404C - Print Reading - Symbols 2

**AND**

CRP 421A – Orientation – Hand Tools Safety 2

**AND**

CRP 421B - Safety and Health Certifications 2

**AND**

CRP 421C - Basic Wall Framing 1.5

**AND**

CRP 424D - Transit Level/Laser 2

**AND**

CRP 425D - Advanced Print Reading 2

**AND**

CRP 433A - Cabinet Millwork and Assembly 1.5

**AND**

CRP 433B - Cabinet Installation 1.5

**AND**

CRP 433C - Show Case/Loose Store Fixtures 1.5

**AND**

CRP 433D - Molding and Trims 1.5

**AND**

CRP 434A - Plastic Laminates 1.5

**AND**

CRP 434B - Solid and Stone Surfaces 1.5

**AND**

CRP 434C - Stair Trim 1.5

**AND**

CRP 434D - Doors and Door Hardware 1.5

**AND**

CRP 435C - Exit and Electrical Security Devices 1.5

**Total Credits 25**

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Apprenticeship Carpentry, Plastering, CA

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**Item 8. Transfer Preparation Information (if applicable)**

Not Applicable

### Program Outline

**Title:** Apprenticeship Carpentry, Framing, AS

**Originator:** Dr. Anthony E. Farmand, PhD, PE

**Date** Click or tap to enter a date.

**Department:** BEIT

**College:**  Moreno Valley College     Norco College     Riverside City College

*(Please note: Apprenticeships are college specific. If multiple colleges wish to adopt this apprenticeship, a separate proposal and college specific supporting documents are required.)*

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**CIP Code:** 46.0201

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Non-credit apprenticeship

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**Item 3. Program Requirements**

**Major requirements: Apprenticeship Carpentry, Framing, AS**

<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>
CRP 404C	Print Reading - Symbols	2
CRP 421A	Orientation – Hand Tolls Safety	2
CRP 421B	Safety and Health Certifications – Hand & Power Tools Applications	2
CRP 421C	Basic Wall Framing	1.5
CRP 421E	Tool/Equipment Applications – Emergency Response Procedure	1.5
CRP 422A	Commercial Floor Framing	1.5
CRP 422B	Basic Stairs	1.5
CRP 422D	Exterior Finish Details	1.5
CRP 423B	Basic Roof Framing	1.5
CRP 424A	Basic Commercial Framing	1.5
CRP 424B	Advanced Commercial Framing	1.5
CRP 425C	Advanced Stairs	1.5
	<b>Total Credits</b>	<b>19.5</b>

Select four (4) courses

from the following:

<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>
CRP 423C	Advanced Roof Framing	1.5
CRP 424C	Panelized Roofing	1.5
CRP 424D	Transit Level/Laser	2
CRP 425D	Advanced Print Reading	2
CRP 426B	Wall Forming	1.5
CRP 472A	Basic Metal Framing	1.5

**A.S. Degree Major**

**Total Credits** **10**

**Rule** **Credits**

**Major requirements:** 19.5

CRP 404C - Print Reading - Symbols 2

**AND**

CRP 421A – Orientation – Hand Tools Safety 2

**AND**

CRP 421B - Safety and Health Certifications – Hand & Power Tools Applications 2

**AND**

CRP 421C - Basic Wall Framing 1.5

**AND**

CRP 421E - Tool/Equipment Applications 1.5

**AND**

CRP 422A - Commercial Floor Framing 1.5

CRP 423C - Advanced Roof Framing 1.5

**OR**

CRP 424C - Panelized Roofing 1.5

**OR**

CRP 424D - Transit Level/Laser 2

**OR**

CRP 425D - Advanced Print Reading – Digital Planning 2

**OR**

CRP 426B - Wall Forming 1.5

**OR**

CRP 472A - Basic Metal Framing 1.5

**Total Credits** **25.5-26.5**



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

Riverside Community College District is dedicated to the success of its students and to the development of the communities it serves. By facilitating its Colleges and learning centers to provide educational and student services, it meets the needs and expectations of its unique communities of learners. The District provides the Colleges with leadership in the areas of advocacy, resource stewardship, and planning.

Norco Community College inspires a diverse student body by an inclusive innovative approach to learning its pathways to transfer, professional, career and technical education, certificates, and degrees. We are proud to be a pivotal hub for scholarship, arts and culture, dynamic technologies, and partnerships. Norco Community College encourages self-empowerment and is dedicated to transforming the lives of our students, employees, and community.

#### **Item 5. Enrollment and Completer Projections**

20-25 enrollments and 10-20 each year.

#### **Item 6. Place of Program in Curriculum/Similar Programs**

Other certificate in the Carpentry program include:

Apprenticeship Carpentry, Acoustical Installer, AS  
Apprenticeship Carpentry, Acoustical Installer, CA

Apprenticeship Carpentry, Concrete, AS  
Apprenticeship Carpentry, Concrete, CA

Apprenticeship Carpentry, Drywall/Lather, AS  
Apprenticeship Carpentry, Drywall/Lather, CA

Apprenticeship Carpentry, Drywall Finisher, AS  
Apprenticeship Carpentry, Drywall Finisher, CA

Apprenticeship Carpentry, Finish Carpentry, AS  
Apprenticeship Carpentry, Finish Carpentry, CA

Apprenticeship Carpentry, Framing, AS  
Apprenticeship Carpentry, Framing, CA

Apprenticeship Carpentry, Insulator, AS  
Apprenticeship Carpentry, Insulator, CA

Apprenticeship Carpentry, Millwrighting, AS  
Apprenticeship Carpentry, Millwrighting, CA

Apprenticeship Carpentry, Pile Driver, AS  
Apprenticeship Carpentry, Pile Driver, CA

Apprenticeship Carpentry, Plastering, AS  
Apprenticeship Carpentry, Plastering, CA

Apprenticeship Carpentry, Tilt-Up, AS  
Apprenticeship Carpentry, Tilt-Up, CA

**Item 7. Similar Programs at Other Colleges in Service Area**

Santiago Canyon College and Southwest Carpenters Training Fund both have Apprenticeship Carpentry, Acoustical Installer, AS programming certificates.

**Item 8. Transfer Preparation Information (if applicable)**

Not Applicable

## Program Outline

**Title:** Apprenticeship Carpentry, Tilt-Up, AS

**Originator:** Dr. Anthony E. Farmand, PhD, PE

**Date** Click or tap to enter a date.

**Department:** BEIT

**College:**  Moreno Valley College     Norco College     Riverside City College

*(Please note: Apprenticeships are college specific. If multiple colleges wish to adopt this apprenticeship, a separate proposal and college specific supporting documents are required.)*

**TOPs Code:** 0952.10

**CIP Code:** 46.0201

**Credit Type:**

Credit apprenticeship

Non-credit apprenticeship

**This is a:**

New apprenticeship

Modification to an existing apprenticeship

**If this is a modification to an existing apprenticeship, please specify the changes being made:**

*(Please be specific! Indicate any changes such as title, learning outcomes, course changes, unit values, etc.)*

**Rationale:** 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 2022.

## 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 program submissions must include the following:**

Evidence of district-wide discipline communication

Department minutes showing approval

Narrative *(see following page)*

Labor Market Information and Analysis *(required for new apprenticeships and modifications)*

Approval letter from the California Division of Apprenticeship Standards (DAS) *(required for new apprenticeships and modifications. The approval documentation must list the specific campus approved.)*

**Program Narrative**

**Item 1. Program Goals and Objectives**

To provide related and supplemental instruction for students who are apprentices through Norco Community College; to allow apprentices to earn college credit for their related and supplemental instruction; to prepare apprentices for journey-level work in the acoustical tile field; to meet the needs of apprentices and employers.

**Item 2. Catalog Description**

The Associate of Science (AS) degree in Apprenticeship Carpentry, Acoustical Installer provides the required related and supplemental instruction for interior systems apprentices in the technical skills required in the trade. Successful completion may result in journey worker status.

**Program Learning Outcome**

Upon successful completion of this program, students should be able to:

1. Prepares individuals to apply technical knowledge and skills to layout, cut fabricate, install, and repair wooden structures and fixtures, using hand and power tools. Includes instruction in technical mathematics, framing, construction materials and selection, job estimating, blueprint reading, foundations, and roughing-in, finish carpentry techniques, and applicable codes and standards.
2. Construct, erect, install, or repair structures and fixtures made of wood and comparable materials, such as concrete forms; building frameworks, including partitions, joists, studding, and rafters; and wood stairways, window and door frames, and hardwood floors.
3. May also install cabinets, siding, drywall, and batt or roll insulation, includes brattice builders who build doors or brattices (ventilation walls or partitions) in underground passageways.

**Item 3. Program Requirements**

**Major requirements: Apprenticeship Carpentry, Tilt-Up, AS**

<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>
CRP 402B	Slabs/Interior-Exterior Footings	1.5
CRP 403A	Tilt-Up Introduction	1.5
CRP 404A	Lifting, and Bracing Safety – Lifting Awareness	1.5
CRP 405A	Wall-Column Forms/Cutting and Burning	1.5
CRP 405C	Specialized Forms and Rigging	1.5
CRP 421A	Orientation – Hand Tools Safety	2
CRP 421B	Safety and Health Certifications – Hand & Power Tolls Application	2
CRP 424D	Transit Level/Laser	2
CRP 427D	Stairs and Ramp Forming	1.5

**Total Credits**

**Select six (6) units from the following:** **15**

<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>
CRP 404B	Poured-in-Place Wall Forms	1.5
CRP 405B	Site Work/Curb and Gutter	1.5
CRP 421C	Basic Wall Framing	1.5
CRP 422A	Commercial Floor Framing	1.5
CRP 422E	Commercial Roof Framing	1.5
CRP 425A	Foundations and Flatwork	1.5
CRP 426B	Wall Forming	1.5
CRP 429A	Rigging	1.5
	<b>Total Credits</b>	<b>12</b>

**A.S. Degree Major**

**Rule** **Credits**

**Major requirements:** 15

CRP 402B - Slabs/Interior-Exterior Footings 1.5

**AND**

CRP 403A - Tilt-Up Introduction 1.5

**AND**

CRP 404A - Lifting, and Bracing Safety 1.5

**AND**

CRP 405A - Wall-Column Forms/Cutting and Burning 1.5

**AND**

CRP 405C - Specialized Forms and Rigging 1.5

**AND**

CRP 421A – Orientation – Hand Tools Safety 2

**AND**

CRP 421B - Safety and Health Certifications – Hand & Power Tools Application 2

**AND**

CRP 424D - Transit Level/Laser 2

**AND**

CRP 427D - Stairs and Ramp Forming 1.5

**Select six (6) units from the following:** 6

CRP 404B - Poured-in-Place Wall Forms 1.5

**OR**

CRP 405B - Site Work/Curb and Gutter 1.5

CRP 421C - Basic Wall Framing 1.5

OR	
CRP 422A - Commercial Floor Framing	
<b>OR</b>	
CRP 422E-Commrcial Roof Framing	1.5
<b>OR</b>	
CRP 425A - Foundations and Flatwork	1.5
<b>OR</b>	
CRP 426B - Wall Forming	1.5
<b>OR</b>	
CRP 429A - Rigging	
<b>Total Credits</b>	<b>21</b>

**Item 4. Master Planning**

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Norco Community College inspires a diverse student body by an inclusive innovative approach to learning its pathways to transfer, professional, career and technical education, certificates, and degrees. We are proud to be a pivotal hub for scholarship, arts and culture, dynamic technologies, and partnerships. Norco Community College encourages self-empowerment and is dedicated to transforming the lives of our students, employees, and community.

**Item 5. Enrollment and Completer Projections**

20-25 enrollments and 10-20 each year.

**Item 6. Place of Program in Curriculum/Similar Programs**

Other certificate in the Carpentry program include:

Apprenticeship Carpentry, Acoustical Installer, AS  
 Apprenticeship Carpentry, Acoustical Installer, CA

Apprenticeship Carpentry, Concrete, AS  
 Apprenticeship Carpentry, Concrete, CA

Apprenticeship Carpentry, Drywall/Lather, AS  
 Apprenticeship Carpentry, Drywall/Lather, CA

Apprenticeship Carpentry, Drywall Finisher, AS  
 Apprenticeship Carpentry, Drywall Finisher, CA

Apprenticeship Carpentry, Finish Carpentry, AS

Apprenticeship Carpentry, Finish Carpentry, CA

Apprenticeship Carpentry, Framing, AS

Apprenticeship Carpentry, Framing, CA

Apprenticeship Carpentry, Insulator, AS

Apprenticeship Carpentry, Insulator, CA

Apprenticeship Carpentry, Millwrighting, AS

Apprenticeship Carpentry, Millwrighting, CA

Apprenticeship Carpentry, Pile Driver, AS

Apprenticeship Carpentry, Pile Driver, CA

Apprenticeship Carpentry, Plastering, AS

Apprenticeship Carpentry, Plastering, CA

Apprenticeship Carpentry, Tilt-Up, AS

Apprenticeship Carpentry, Tilt-Up, CA

**Item 7. Similar Programs at Other Colleges in Service Area**

Santiago Canyon College and Southwest Carpenters Training Fund both have Apprenticeship Carpentry, Acoustical Installer, AS programming certificates.

**Item 8. Transfer Preparation Information (if applicable)**

Not Applicable

**Program Outline**

**Title: Associate in Arts in Sociology for Transfer Degree**

**Originator: Janet Hill**

**Date 9/13/2022**

**Department: Social Behavioral Sciences**

**College:**  Moreno Valley College     Norco College     Riverside City College

*(Please note: ADTs are college specific. If multiple colleges wish to adopt this program, a separate proposal and college specific supporting documents are required.)*

**TOPs Code: 2208.00**

**CIP Code:**

**Type of ADT:**             Associate in Arts for Transfer             Associate in Science for Transfer

**This is a:**                     New ADT                                     Modification to an existing ADT

**If this is a modification to an existing ADT, please specify the changes being made:**

*(Please be specific! Indicate any changes such as title, description, learning outcomes, courses, unit values, etc.)*  
MAT-12/12H, PSY/SOC-48, and SOC-2 are now part of Required Core – moved from List A. PSY-8, PSY-50, and SOC-10H are now options in List A. Since the Required Core has increased there is no longer a List C. List C courses now fit in List B. ETS-1 and SJS-110 have been added as options to List B.

**Rationale:**

The statewide TMC template in Sociology has been revised. The modifications to our ADT align with the new template.

**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 ADTs must include the following:**

- Evidence of district-wide discipline communication
- Department minutes showing approval
- Narrative *(See next page)*
- C-ID or Assist Articulation Information, and the most current TMC Template *(Work with your Articulation Officer to obtain this documentation)*



**Program Narrative**

**Item 1. Program Goals and Objectives**

The Associate in Arts in Sociology for Transfer degree is designed to prepare the student for transfer to four-year institutions of higher education and specifically intended to satisfy the lower division requirements for the Baccalaureate Degree in Sociology at a California State University. It will also provide the student with a sufficient academic basis from which to pursue a career in the social science professions. The student will be afforded the opportunity to study the nature of the human affinity for aggregation and the complexities of societal organization. The breadth of Sociology will be examined to include the historical and contemporary theory and research as the basis from which to gain an in-depth awareness and understanding of the world in which we live.

**Item 2. Catalog Description**

The Associate in Arts in Sociology for Transfer degree is designed to prepare the student for transfer to four-year institutions of higher education and specifically intended to satisfy the lower division requirements for the Baccalaureate Degree in Sociology at a California State University. It will also provide the student with a sufficient academic basis from which to pursue a career in the social science professions. The student will be afforded the opportunity to study the nature of the human affinity for aggregation and the complexities of societal organization. The breadth of Sociology will be examined to include the historical and contemporary theory and research as the basis from which to gain an in-depth awareness and understanding of the world in which we live.

**Program Learning Outcomes**

Upon successful completion of this program, student should be able to:

- Demonstrate an awareness and understanding of the historical and contemporary theoretical frameworks that form the basis of Sociological study.
- Demonstrate the utility of past and present sociological research and the research methodologies that form the basis of sociological inquiry.
- Demonstrate the ability to be academically proficient in at least two specific areas of sociological emphasis, i.e., Marriage and Family, Race/Ethnicity, Culture, Crime, and Deviance, Social Problems.
- Demonstrate an understanding of the basic principles for at least one of the social sciences beyond Sociology, i.e., Anthropology or Psychology.

Required Courses: 18-20 units

Course	Title	Units
SOC-1*/1H*	Introduction to Sociology/Honors	3
SOC-2*	American Social Problems	3
MAT-12*/12H*	Statistics/Honors Statistics	4
OR		
PSY/SOC-48*	Statistics for the Behavioral Sciences	3
List A	Select from the list below	6-7
List B	Select from the list below	3

List A Select two courses from the following: 6-7 units

Course	Title	Units
PSY-8*	Social Psychology	3
SOC-10*/10H*	Race and Ethnic Relations/Honors	3
SOC-12*	Marriage and Family Relations	3
SOC-20*	Introduction to Criminology	3
PSY-50*	Research Methods in Psychology	4
OR		
SOC-50*	Introduction to Social Research Methods	3

List B Select one course from the following: 3 units

Course	Title	Units
Any course from List A not already used		
ANT-2*/2H*	Cultural Anthropology/Honors	3
ETS-1*	Introduction to Ethnic Studies	3
PSY-1*/1H*	General Psychology/Honors	3
SOC-3*	Social Inequality	3
SOC-15*	Introduction to Women’s Studies	3
SJS-110*	Introduction to Social Justice Studies	3

\*Courses may also be used to fulfill general education requirements for the CSU GE or IGETC pattern, please confer with a counselor.

**ASSOCIATE IN ARTS FOR TRANSFER DEGREE**

The Associate in Arts in Sociology for Transfer degree will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education (CSUGE) requirements and with a minimum grade point average of 2.0. All courses in the major must be completed with a grade of “C” or better (or a “P” if taken as Pass/No Pass).

**Program Outline**

**Title: Associate of Arts in Music**

**Moreno Valley College**                       **Norco College**                       **Riverside City College**

*(Please note: All degrees and certificates are college specific. If multiple colleges wish to adopt this degree or certificate, a separate proposal and college specific supporting documents are required.)*

**TOPs Code:** 1004.00                      **CIP Code:** 50.0901

**Type of Program:**

- Certificate of Achievement only                       Locally approved certificate (8-units or less) only  
 Associate Degree only                       Certificate of Achievement and Degree

**Type of Associate Degree:**

- Associate of Arts                       Associate of Science

**This is a:**                       New certificate/degree                       Modification to an existing certificate/degree

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

Changes to this degree include the following:

1. Catalog Description (see item 2 of the narrative)
2. Program Learning Outcomes (see item 2 of the narrative)
3. Structure
  - a. The structure of this degree will be redesigned with an emphasis on transfer preparation. It will include a core curriculum category and 2 elective fields.
    - i. The core curriculum will comprise the following three areas:
      1. Music Theory
      2. Applied Lessons (4 semesters)
      3. Ensemble (4 semesters)
    - ii. The elective 1 category curriculum will allow students the option of pursuing more advanced concepts in: Theory, Music Technology or Musicology
    - iii. The elective 2 category will provide students with the opportunity to develop foundational vocal/instrumental skills requisite for success in the core curriculum.
4. Courses
  - a. This modification will remove the following courses from the AA degree:
    - i. MUS-53 keyboard proficiency
    - ii. MUS-31 College Choir
    - iii. MUS-71 College Chorus
    - iv. MUS-20 Great Composers and Masterpieces of Music before 1820
    - v. MUS-21 Great Composers and Masterpieces of Music after 1820
    - vi. MUS-32D Class Piano IV
  - b. This modification will add the following courses to the AA degree:
    - i. MUS-101 Introduction to Music Technology
    - ii. MUS-P52A Songwriting I
    - iii. MUS-36 Instrumental Chamber Ensembles

5. Unit Values

- a. This program modification will raise the unit count from the current degree at 19 units to between 24-32 units.

**Rationale:**

*(Please note: This information will be presented to the Board of Trustees.)*

This degree is historically important in that it was the first arts degree developed at MVC. However, it has not been modified since its creation and is no longer relevant with regard to our students’ transfer needs. This program modification will exclude courses no longer being offered at MVC and adopt 2 new additions to the college catalog (MUS-101 and MUS-P52A). The structure of this program will be redesigned with an emphasis on the 3 main categories (Theory/Applied Music/Ensemble) requisite for transfer to CSU and UC programs. This will more closely align the AA degree with the currently proposed ADT program modifications and simplify navigation of the music degrees for both students and counselors. Although these two degrees (AA and ADT) will be similar in curricular content, the AA will provide the benefit of allowing for a higher total unit count, thus allowing music students to pursue an even more rigorous program of study than is currently possible in the ADT.

**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 Degrees and Certificates**

- Evidence of district-wide discipline communication
- Department minutes showing approval
- Narrative *(see following page)*
- Transfer preparation documentation *(only if applicable)*

**Degrees and Certificates of 8 Units or More with Vocational TOPs Codes**

**In addition to the above, all degrees and certificates of 8 units or more with a vocational TOPs code must include the following to be submitted to the State Chancellor’s Office for approval.\***

- Labor Market Information and Analysis *(Required for new programs and modifications.)*
- Advisory Committee Recommendation *(Required for new programs and may be required for modifications. Check with the curriculum coordinator at your college to determine if a new recommendation is necessary.)*
- Regional Consortium Recommendation *(Required for new programs only.)*

*\*Certificates between 8 and less than 16 units can be approved locally or can be submitted to the State Chancellor’s Office for approval. Certificates of less than 8 units can only be approved locally. However, locally approved certificates will not appear on student transcripts.*

**Program Narrative**

**Item 1. Program Goals and Objectives**

*For programs with a vocational TOPs code, must address a valid workforce preparation purpose. For programs with a non-vocational TOPs code, must address a valid workforce preparation, basic skills, civic education, or local purpose. May address transfer preparation if applicable.*

The Associate of Arts in Music from Moreno Valley College is designed as a rigorous program of study with attention to the core components (theory, aural and keyboard skills) necessary for transfer success into Bachelor of Arts and Bachelor of Music programs at both CSU and UC schools. Additionally, it provides accessibility to all prospective music majors through allowing students to choose elective pathways aligned with their particular area of interest including: musicology, theory, music technology and performance. Completion of this curriculum will demonstrate commitment to the serious study of music in practice and in theory and provide comprehensive preparation for upper-division work.

**Item 2. Catalog Description**

*Includes program requirements, prerequisite skills or enrollment limitations, program learning outcomes, and information relevant to program goal.*

The Associate of Arts in Music from Moreno Valley College offers students a systematic plan of study for developing skills in music theory, musicianship, music literature, solo and collaborative performance, and keyboard proficiency. This degree is designed with the intention of helping students achieve the requisite skills for transfer success as a Bachelor of Arts or Bachelor of Music major within the CSU/UC system. Students planning to transfer to a four-year institution as a music major should consult with a counselor regarding the transfer process and lower division requirements.

**PROGRAM LEARNING OUTCOMES**

Upon successful completion of this program, students should be able to:

- Demonstrate the ability to hear, identify and work conceptually with all elements of music through dictation, sight-reading, music analysis and basic keyboard proficiency.
- Perform standard repertoire appropriate to their performance area as individuals or members of ensembles.
- Successfully communicate within the music environment using notation, computer skills, written expression, and oral communication skills.

**Item 3. Program Requirements**

*Includes course requirements and sequencing that reflect program goals. For degrees, the GE pattern and calculations used to reach the degree total must be shown following the program requirements table. Course titles and unit values must be exact.*

Required Courses: 20-26 units

Course	Title	Units	Sequencing
Music Theory		12	

## Program Outline of Record – Credit Degrees and Certificates

MUS-3	Fundamentals of Music	4	Semester 1, Fall
MUS-4	Music Theory I	4	Semester 2, Spring
MUS-5	Music Theory II	4	Semester 3, Fall
Applied Music: 1 course per semester for a total of 4 semesters		4-8	Semesters 1-4, Fall and Spring
MUS-87	Applied Music Training	1	
MUS-38	Beginning Applied Music I	2	
MUS-78	Beginning Applied Music II	2	
Ensemble: 1 course per semester for a total of 4 semesters		4-6	Semesters 1-4, Fall and Spring
MUS-29	Concert Choir	1	
MUS-83	Advanced Chamber Choir	1	
MUS-70	Guitar Lab Ensemble	1	
MUS-P70	Guitar Lab Ensemble II	1	
MUS-57	Gospel Singers	1	
MUS-58	Gospel Choir	1	
MUS-36	Instrumental Chamber Ensembles	1.5	

Elective Category 1 (choose one of the courses listed below): 3-4 units

Course	Title	Units	Sequencing
*MUS-6	Music Theory III	4	Semester 4, Spring
MUS-22	Survey of Music Literature	3	Semester 4, Spring
MUS-101	Introduction to Music Technology	3	Semester 3, Fall
MUS-19/19H	Music Appreciation/Honors Music Appreciation	3	Semester 2, Spring

Elective Category 2 (choose one of the courses listed below): 1-2 units

Course	Title	Units	Sequencing
MUS-37	Class Guitar	1	Semester 1, Fall
MUS-30	Class Voice	1	Semester 1, Fall
**MUS-32A	Class Piano I	1	Semester 1, Fall
MUS-32B	Class Piano II	1	Semester 1, Fall
MUS-32C	Class Piano III	1	Semester 1, Fall
MUS-P52A	Songwriting I	2	Semester 3, Spring

Total Program Units: 24-32 units

Note: If a student places out of any required course and is not awarded units for that course, the student will have to take additional units from the “Elective Categories” to compensate for the course/units needed for the major.

\*This is a required lower division music course at CSU and UC schools. It is highly recommended for prospective transfer students to take this course in fulfillment of Elective Category 1.

\*\* Highly recommended as preparation for the CSU and UC keyboard proficiency requirement.

**The Associate of Arts Degree in Music** will be awarded upon completion of the degree requirements, including general education and other graduation requirements as described in the catalog.

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

*Must address how the certificate/degree fits in the mission, curriculum, and master planning of the college and higher education in California.*

As an educational institution, MVC traces its origins back to its start as a satellite campus of RCC with a focus on its CTE programs and a special emphasis on Health Sciences and Public Safety. However, since becoming an accredited institution in 2010, the school has recognized and embraced the importance of becoming a fully comprehensive college. Because Moreno Valley is generally recognized as an underserved city, it is all the more essential that students from the local community be presented with the same types of educational opportunities as more affluent communities. So, while the music program (as part of the School of Visual and Performing Arts) is relatively small in comparison with other programs at the school, it adds to the essential diversity of educational opportunities available to students through the school at large.

In summary, the AA degree in music fulfills the mission of the college and serves the needs of the local community through providing students with equitable access to a degree which will empower them to succeed as music majors at four year institutions and ultimately realize their professional goals.

#### **Item 5. Enrollment and Completer Projections**

*Projection of number of students to earn certificate/degree annually.*

Based upon an analysis of past degree completion data, it is projected that 6 students will complete a music degree at MVC annually (either ADT or AA) and roughly half of those students are anticipated to complete this AA degree.

#### **Item 6. Place of Program in Curriculum/Similar Programs**

*Must address how the certificate/degree fits in college's existing inventory.*

This degree currently exists in the college catalog. This program modification is intended to bring the degree up to date in order to align it with the Guided Pathways model and meet the transfer needs of our student population.

#### **Item 7. Similar Programs at Other Colleges in Service Area**

*Justification of need for certificate/degree in the region.*

An examination/comparison between this proposed degree modification and current Associate of Arts degrees in music from the surrounding area revealed that this degree is very closely aligned with the AA degrees offered at the following local colleges:

1. **Riverside City College** – <https://www.rcc.edu/pathways/visual-performing-creative-arts/music.html>
2. **San Bernardino Valley College** - <https://catalog.valleycollege.edu/degree-certificate-program-index/music/music-aa-degree/>
3. **Crafton Hills College** - <https://craftonhills.smartcatalogiq.com/2022-2023/catalog/credit-programs/music-music/music-associate-of-arts-degree/>



**Item 8. Transfer Preparation Information (if applicable)**

*If transfer preparation is a component of the certificate/degree, please provide transfer preparation information.*

This degree is modelled very closely on the “Transfer Model Curriculum” which is used by the ADT. The structure of this program will be redesigned with an emphasis on the 3 main categories (Theory/Applied Music/Ensemble) requisite for transfer to CSU and UC programs. This will more closely align the AA degree with the currently proposed ADT program modifications and simplify navigation of the music degrees for both students and counselors. Although these two degrees (AA and ADT) will be similar in curricular content, the AA will provide the benefit of allowing for a higher total unit count, thus allowing music students to pursue an even more rigorous program of study than is currently possible in the ADT.



**Program Outline**

**Title: Cosmetology**

**Originator: Madeline Bettencourt**

**Date 8/30/2022**

**Department: Cosmetology**

**Moreno Valley College**                       **Norco College**                       **Riverside City College**  
*(Please note: All degrees and certificates are college specific. If multiple colleges wish to adopt this degree or certificate, a separate proposal and college specific supporting documents are required.)*

**TOPs Code: 300400                      CIP Code: 12.0401**

**Type of Program:**

Certificate of Achievement only                       Locally approved certificate (less than 8 units) only  
 Associate Degree only                       Certificate of Achievement and Degree

**Type of Associate Degree:**

Associate of Arts                       Associate of Science

**This is a:**                       New certificate/degree                       Modification to an existing certificate/degree

**If this is a modification to an existing certificate/degree, please specify the changes being made:**

Per state requirements removal of Cos 60E and Cos 60E1

**Rationale:**

California State Board of Barbering and Cosmetology made modifications to licensure requirement, including hour requirements, therefore Cos 60E and Cos 60E1 are not required.

**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 Degrees and Certificates**

- Evidence of district-wide discipline communication
- Department minutes showing approval
- Narrative *(see following page)*
- Transfer preparation documentation *(only if applicable)*

**Degrees and Certificates of 8 Units or More with Vocational TOPs Codes**

**In addition to the above, all degrees and certificates of 8 units or more with a vocational TOPs code must include the following to be submitted to the State Chancellor’s Office for approval.\***

- Labor Market Information and Analysis *(Required for new programs and modifications.)*
- Advisory Committee Recommendation *(Required for new programs and may be required for modifications. Check with the curriculum coordinator at your college to determine if a new recommendation is necessary.)*
- Regional Consortium Recommendation *(Required for new programs only.)*

*\*Certificates between 8 and less than 16 units can be approved locally or can be submitted to the State Chancellor’s Office for approval. Certificates of less than 8 units can only be approved locally. However, locally approved certificates will not appear on student transcripts.*

**Program Narrative**

**Item 1. Program Goals and Objectives**

- Deduce valid conclusions, compare, and contrast viable techniques and apply principles in preparation of the California State Board of Barbering and Cosmetology practical and written exam.
- Identify and analyze concepts leading to synthesis of theory for the state board written exam. Produce a business plan and portfolio.
- Demonstrate entry-level industry skills in a clinic laboratory setting.
- Demonstrate workplace behaviors (“soft skills”) necessary for success in the cosmetology industry

**Item 2. Catalog Description**

This program prepares individuals to provide professional cosmetic services in salons, resorts, casinos, dermatologist’s offices and other related industry establishments. This includes courses in hair design, hair sculpting, chemical, esthetic and other cosmetic services, safety and sanitation, management, customer service, and preparation for practicing as licensed cosmetologist in the state of California. Courses in applicable professional labor laws and regulations in the cosmetology industry, physiology, anatomy, electricity and ergonomics are also covered in depth. Emphasis is placed on passing state licensing exam and industry entry skills.

**Item 3. Program Requirements**

*Includes course requirements and sequencing that reflect program goals. For degrees, the GE pattern and calculations used to reach the degree total must be shown following the program requirements table. Course titles and unit values must be exact.*

Required Courses: 39.5 units

Course	Title	Units	Sequencing
COS-60A	Beginning Cosmetology Concepts	11	Term 1
COS-60B	Level II Cosmetology Concepts	10.5	Term 2
COS-60C	Level III Cosmetology Concepts	10	Term 3
COS-60D	Level IV Cosmetology Concepts	8	Term 4

Course	Title	Units	Sequencing

Total Program Units: 39.5 units

**Item 4. Master Planning**

Program supports the college mission by offering career opportunities for students.

**Item 5. Enrollment and Completer Projections**

Approximately 60 students annually

**Item 6. Place of Program in Curriculum/Similar Programs**

Currently in place.

**Item 7. Similar Programs at Other Colleges in Service Area**

**Item 8. Transfer Preparation Information (if applicable)**

*If transfer preparation is a component of the certificate/degree, please provide transfer preparation information.*

**Program Outline**

**Title:** Cosmetology Business Administration-Management and Supervision Concentration

**Originator:** Madeline Bettencourt

**Date** 8/30/2022

**Department:** Cosmetology

**Moreno Valley College**                       **Norco College**                       **Riverside City College**

*(Please note: All degrees and certificates are college specific. If multiple colleges wish to adopt this degree or certificate, a separate proposal and college specific supporting documents are required.)*

**TOPs Code:**

**CIP Code:**

**Type of Program:**

Certificate of Achievement only                       Locally approved certificate (less than 8 units) only  
 Associate Degree only                                       Certificate of Achievement and Degree

**Type of Associate Degree:**

Associate of Arts                                       Associate of Science

**This is a:**

New certificate/degree                       Modification to an existing certificate/degree

**If this is a modification to an existing certificate/degree, please specify the changes being made:**

Management 51 will no longer be offered, replace it with MAG 40 or CIS 3

**Rationale:**

Management 51 will no longer be offered, replace it with MAG 40 or CIS 3

**Required Documentation**

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- Department minutes showing approval
- Narrative *(see following page)*
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- Labor Market Information and Analysis *(Required for new programs and modifications.)*
- Advisory Committee Recommendation *(Required for new programs and may be required for modifications. Check with the curriculum coordinator at your college to determine if a new recommendation is necessary.)*
- Regional Consortium Recommendation *(Required for new programs only.)*

*\*Certificates between 8 and less than 16 units can be approved locally or can be submitted to the State Chancellor’s Office for approval. Certificates of less than 8 units can only be approved locally. However, locally approved certificates will not appear on student transcripts.*

**Program Narrative**

**Item 1. Program Goals and Objectives**

This program prepares the student to supervise or manage a cosmetology salon with multiple employees. They will also be capable of hiring, training, and motivating employees of a cosmetology business. They will also have the skills to evaluate customer needs and provide services to meet customer needs and expectations. They will be capable of operating their own business or manage the business for a salon owner.

**Program Learning Outcomes**

Upon successful completion of this program, students should be able to:

- Anticipate and solve problems relative to supervising personnel.
- Apply human resource management principles in the successful operation of a business.
- Effectively describe customer needs and expectations.
- Effectively communicate in small work groups.

**Item 2. Catalog Description**

This program prepares the student to supervise or manage a cosmetology salon with multiple employees. They will also be capable of hiring, training, and motivating employees of a cosmetology business. They will also have the skills to evaluate customer needs and provide services to meet customer needs and expectations. They will be capable of operating their own business or manage the business for a salon owner. Program Learning Outcome

**Item 3. Program Requirements**

*Includes course requirements and sequencing that reflect program goals. For degrees, the GE pattern and calculations used to reach the degree total must be shown following the program requirements table. Course titles and unit values must be exact.*

Required Courses: 21 units

Course	Title	Units	Sequencing
BUS-10/10H	Introduction to Business	3	Fall, Spring, Summer, Winter
BUS-20	Business Mathematics	3	Fall, Spring, Summer, Winter
BUS-30	Entrepreneurship and Small Business Management	3	Fall, Spring, Summer, Winter

Major Concentration Requirements see below 12 NOTE: The Cosmetology Business Administration Certificate will be awarded to graduates of the Cosmetology Program, or Cosmetology License holders upon successful completion of all Cosmetology Business Administration Major Core Requirements and 12 units selected from the Major Concentration Requirements (total of 21 units) in order to receive the certificate in the concentration area of their choice. In addition to the Cosmetology Business Administration Major Core Requirements of 9 units noted above, choose another 12 units from one of

the following concentrations: Entrepreneurial Concentration Management and Supervision Concentration

<b>Select another 12 units from the following:</b>		<b>Units</b>
CAT/CIS-3	Computer Applications for Business	3
BUS-22	Management Communications	3
or		
BUS-24	Business Communication	3
BUS/MAG-47	Applied Business and Management Ethics	3
MAG-70	Introduction to Organization Development	3
MAG-44	Principles of Management	3
MAG-53	Human Relations	3
MAG-56	HRM: Human Resources Management	3
MKT-42	Retail Management	3

Total Program Units:   21   units

**Associate of Science Degree**

The Associate of Science Degree in Cosmetology Business Administration will be awarded upon completion of the degree requirements, including general education and other graduation requirements as described in the college catalog.

**Item 4. Master Planning**

Program supports the college mission by offering career opportunities for students.

**Item 5. Enrollment and Completer Projections**

Approximately 30 students annually

**Item 6. Place of Program in Curriculum/Similar Programs**

Currently in place

**Item 7. Similar Programs at Other Colleges in Service Area**

**Item 8. Transfer Preparation Information (if applicable)**

*If transfer preparation is a component of the certificate/degree, please provide transfer preparation information.*