

District Technical Review Committee Meeting Agenda

Tuesday, December 6, 2022 2:30-4:00pm CAADO 209/Zoom

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

Zoom Information

<https://rccd-edu.zoom.us/j/81658659020?pwd=aHhIUvHONEVacFBpeGkyandLK1pIdz09>

+1 669 900 6833 US

Meeting ID: 816 5865 9020

Passcode: 226071

Agenda and Minutes

1. Approval of Agenda
2. Approval of Minutes – November 15, 2022

Action Items

1. Curriculum Proposals

Discussion Items

1. 23-24 Curriculum Calendar Draft and Curriculum Deadlines – Bryan Medina
2. Addendum Criteria and Process – Bryan Medina
3. AB1111 Follow Up Questions – Kelly Douglass

Program Documentation

1. Program Modification
 - a. Fire Technology

2023-2024 Riverside Community College District Curriculum Calendar

July 2023						
Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

July	
4	Legal Holiday/Day of Observance

August 2023						
Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

August	
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September 2023						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

September	
4	Legal Holiday/Day of Observance
5	Technical Review & District Curriculum
12	College Curriculum Meeting
19	Technical Review & District Curriculum
26	College Curriculum Meeting
29	Last Day to Launch (Originator)

October 2023						
Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

October	
3	Technical Review & District Curriculum
6	Facilitator and Chair Approval Deadline
10	College Curriculum Meeting
17	Technical Review Penultimate Approval
24	College Curriculum Penultimate Approval
27	Program Submission to TR E-mail Deadline
31	Admin Review Deadline

November 2023						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

November	
7	Technical Review Last Possible Approval
10	Legal Holiday/Day of Observance
14	College Curriculum Last Possible Approval
16	SPECIAL MEETING: DCC Last Possible
22	Ed Services Prepares Proposals for Cabinet
27	Executive Cabinet Last Possible Approval
28	Tentative College Curriculum Meeting

December 2023						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

December	
5	Technical Review & District Curriculum
5	Committee on Teaching & Learning Last Possible
11-17	Finals Week
12	Board of Trustees Last Possible Approval

January 2024						
Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

January	
1	Legal Holiday/Day of Observance
15	Legal Holiday/Day of Observance

February 2024						
Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

February	
16	Legal Holiday/Day of Observance
19	Legal Holiday/Day of Observance
20	Technical Review & District Curriculum
27	College Curriculum Meeting

March 2024						
Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

March	
5	Technical Review & District Curriculum
12	College Curriculum Meeting
19	Technical Review & District Curriculum
26	College Curriculum Meeting
29	Legal Holiday/Day of Observance

April 2024						
Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

April	
2	Technical Review & District Curriculum
8-14	Spring Break
16	Technical Review & District Curriculum
23	College Curriculum Meeting
29	CORs Effctv. for 24-25 Become Active in Meta

May 2024						
Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

May	
7	Technical Review & District Curriculum
14	College Curriculum Meeting
21	Technical Review & District Curriculum
28	College Curriculum Meeting
27	Legal Holiday/Day of Observance

June 2024						
Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

June	
1-7	Finals Week

TR/DCC meet 1st 3rd Tues; College Comm. meet 2nd 4th Tues

No mtngs: 1st week of term, finals week, or WIN/SUM

Technical Review - Curriculum Proposals

Proposals for Review for 12/06/2022

Courses

Course Major Modifications

		M	N	R	Notes
H	ECO 8				
	Principles of Microeconomics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	Minutes are needed. Also, ECO 8H is not at Tech Review.				
H	HLS 2				
	Preparedness for Emergencies, Disasters & Homeland Security Incidents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Entrance skills and links need to be reviewed. Textbook is from 2015.				
H	HLS 3				
	Response to Emergencies, Disasters and Homeland Security Incidents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Entrance skills and links need to be reviewed. Textbook is from 2015.				
H	HLS 4				
	Recovery in Emergencies, Disasters and Homeland Security Incidents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Entrance skills and links need to be reviewed. Textbook is from 2015.				

Course Minor Modifications

		M	N	R	Notes
	AUT 13A				
	Hybrid and Electric Vehicle Technology 1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	AUT 13B				
	Advanced Hybrid and Electric Vehicle Technology	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	AUT 1A				
	Automotive Engine Repair (Upper End)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	AUT 1B				
	Automotive Engine Repair (Lower End)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	AUT 2				
	Automotive Automatic Transmission/Transaxles	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	AUT 3				
	Automotive Manual Drivetrain Systems	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	AUT 4A				
	Automotive Steering and Suspension	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	AUT 4B				
	Advanced Suspension and Brake Systems	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	AUT 5				
	Automotive Brakes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	AUT 50				
	Automotive Principles	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	AUT 6A				
	Automotive Electrical Systems 1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	AUT 6B				
	Automotive Electrical Systems 2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	AUT 7				
	Automotive Heating and Air Conditioning	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	AUT 801				
	ASE Test Preparation- Engine Repair	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	AUT 802				
	ASE Test Preparation- Automatic Transmission/ Transaxle	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	AUT 803				
	ASE Test Preparation- Manual Drive Train and Axles	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Courses

Course Minor Modifications

		M	N	R	Notes
AUT 804	ASE Test Preparation - Suspension and Steering	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AUT 805	ASE Test Preparation- Brakes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AUT 806	ASE Test Preparation- Electrical/Electronic Systems	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AUT 807	ASE Test Preparation- Heating and Air Conditioning	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AUT 808	ASE Test Preparation- Engine Performance	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AUT 811	ASE Test Preparation- Advanced Engine Performance	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AUT 8A	Automotive Engine Performance 1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AUT 8B	Automotive Engine Performance 2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AUT 8C	Automotive Emission Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
CAT 831	Word Processing Skills: Editing and Formatting Documents	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
H CIS 20	Systems Analysis and Design No minutes.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
H CIS 21	Introduction to Operating Systems Held for further development. Casandra will work with faculty.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
MAT 1C	Calculus III	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Distance Education

		M	N	R	Notes
H PHO 18DE	Photoshop, Lightroom, and Printing for Photographers The course mentions printing. If taking the course online, what equipment do they use?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
H PHO 23DE	Drone Photography SLO Number 1 is show you can use the drone equipment. How do you do that in an online course?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
H PHO 8DE	Introduction to Film Photography Mention students can use a scanner. If they're taking this course online, what equipment do they use?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

New Courses

		M	N	R	Notes
FIT S31A	Fire Fighter 1A Structure	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
FIT S31B	Hazardous Materials & Weapons of Mass Destruction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Programs

Program Modifications

M N R Notes

Degree & Certificate

FIT

[Fire Technology](#)

Technical Review - Curriculum Proposals

Proposals for Review for 12/06/2022

Courses

Course Major Modifications

		M	N	R	Discussion	Action
H	ECO 8 Rationale: This course had a prerequisite (Math 52) which is no longer being offered	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Minutes are needed. Also, ECO 8H is not at Tech Review.	
H	HLS 2 Rationale: This modification is intended to change prerequisite courses to advisory courses.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Entrance skills and links need to be reviewed. Textbook is from 2015.	
H	HLS 3 Rationale: Change prerequisite to advisory	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Entrance skills and links need to be reviewed. Textbook is from 2015.	
H	HLS 4 Rationale: Change prerequisite to advisory.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Entrance skills and links need to be reviewed. Textbook is from 2015.	

Course Minor Modifications

		M	N	R	Discussion	Action
	AUT 13A Rationale: CTE 2 year review, no changes.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	AUT 13B Rationale: CTE 2 year review, no changes.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	AUT 1A Rationale: CTE 2 year review, no changes.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	AUT 1B Rationale: CTE 2 year review, no changes.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	AUT 2 Rationale: CTE 2 year review, no changes.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	AUT 3 Rationale: CTE 2 year review, no changes.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	AUT 4A Rationale: CTE 2 year review, no changes.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

Courses

Course Minor Modifications

		M	N	R	Discussion	Action
AUT 4B	Advanced Suspension and Brake Systems	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	CTE 2 year review, no changes.					
AUT 5	Automotive Brakes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	CTE 2 year review, no changes.					
AUT 50	Automotive Principles	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	CTE 2 year review, no changes.					
AUT 6A	Automotive Electrical Systems 1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	CTE 2 year review, no changes.					
AUT 6B	Automotive Electrical Systems 2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	CTE 2 year review, no changes.					
AUT 7	Automotive Heating and Air Conditioning	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	CTE 2 year review, no changes.					
AUT 801	ASE Test Preparation- Engine Repair	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	CTE 2 year review, no changes.					
AUT 802	ASE Test Preparation- Automatic Transmission/ Transaxle	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	CTE 2 year review, no changes.					
AUT 803	ASE Test Preparation- Manual Drive Train and Axles	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	CTE 2 year review, no changes.					
AUT 804	ASE Test Preparation - Suspension and Steering	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	CTE 2 year review, no changes.					
AUT 805	ASE Test Preparation- Brakes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	CTE 2 year review, no changes.					
AUT 806	ASE Test Preparation- Electrical/Electronic Systems	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	CTE 2 year review, no changes.					
AUT 807	ASE Test Preparation- Heating and Air Conditioning	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	CTE 2 year review, no changes.					
AUT 808	ASE Test Preparation- Engine Performance	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	CTE 2 year review, no changes.					

Courses

Course Minor Modifications

		M	N	R	Discussion	Action
AUT 811	ASE Test Preparation- Advanced Engine Performance	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	CTE 2 year review, no changes.					
AUT 8A	Automotive Engine Performance 1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	CTE 2 year review, no changes.					
AUT 8B	Automotive Engine Performance 2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	CTE 2 year review, no changes.					
AUT 8C	Automotive Emission Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	CTE 2 year review, no changes.					
CAT 831	Word Processing Skills: Editing and Formatting Documents	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Minor modification review.					
H	CIS 20	Systems Analysis and Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No minutes.
Rationale:	CTE two year update.					
H	CIS 21	Introduction to Operating Systems	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Held for further development. Casandra will work with faculty.
Rationale:	Reviewed content - No changes required. Updated Texts					
	MAT 1C	Calculus III	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Rationale:	Updating course materials.					

Distance Education

		M	N	R	Discussion	Action
H	PHO 18DE	Photoshop, Lightroom, and Printing for Photographers	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The course mentions printing. If taking the course online, what equipment do they use?
Rationale:						
H	PHO 23DE	Drone Photography	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SLO Number 1 is show you can use the drone equipment. How do you do that in an online course?
Rationale:						
H	PHO 8DE	Introduction to Film Photography	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Mention students can use a scanner. If they're taking this course online, what equipment do they use?
Rationale:						

Courses

New Courses

M N R

Discussion

Action

FIT S31A **[Fire Fighter 1A Structure](#)**

Rationale: This course is being utilized to facilitate training required by local Fire Departments in support of Inter-Service Agreements between them and Moreno Valley College and aligns with the requirements set by California State Fire Training.

FIT S31B **[Hazardous Materials & Weapons of Mass Destruction](#)**

Rationale: This course is being utilized to facilitate training required by local Fire Departments in support of Inter-Service Agreements between them and Moreno Valley College and aligns with the requirements set by California State Fire Training.

Programs

Program Modifications

M N R

Discussion

Action

Degree & Certificate

FIT **[Fire Technology](#)**

Rationale: This modification will streamline Fire Technology degree pathway by requiring EMS 50 & 51 instead of these courses being offered as an elective. Fire Service industry standards require Emergency Medical Technician certification and these courses are a required prerequisite to attend the Fire Academy based on recommendations from advisory committees and is consistent with statewide collegiate programs offering a Fire Technology degree. This change will ensure the path to a Fire Technology degree is clearly understood and eliminate elective confusion that has been a barrier for several students.

Program Outline

Title: Fire Technology

Originator: Jim Lambert

Date 11/14/2022

Department: Fire Technology, BCTC

College/Learning Pathway/Engagement Center: Moreno Valley - Public Safety Engagement Center

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: 2133.00

CIP Code: 43.0201

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

***New programs that require new facilities, positions, capital outlays, or have budgetary impacts must also be approved by Academic Senate and Strategic Planning before being submitted. Has this program been appropriately approved?**

Yes, minutes attached

Approval Pending

No Capital or Budgetary Impacts

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.)

EMS 50 & 51 will be required instead of an elective option to obtain a degree in Fire Technology.

Rationale:

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

This modification will streamline Fire Technology degree pathway by requiring EMS 50 & 51 instead of these courses being offered as an elective. Fire Service industry standards require Emergency Medical Technician certification and these courses are a required prerequisite to attend the Fire Academy based on recommendations from advisory committees and is consistent with statewide collegiate programs offering a Fire Technology degree. This change will ensure the path to a Fire Technology degree is clearly understood and eliminate elective confusion that has been a barrier for several students.

Required Documentation

Please submit this form and the documents outlined below to your college’s Instructional Program Support Coordinator (IPSC) and the District Technical Review committee via 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

This program prepares individuals for an entry-level career in the fire service by providing a foundation of core concepts, practices, vocabulary, culture, safety, and requirements for the fire service. This program follows the Fire and Emergency Services Higher Education (FESHE) model from the National Fire Academy and is a component of accreditation from the California State Fire Marshal.

Item 2. Catalog Description

This program prepares individuals for an entry-level career in the fire service by providing a foundation of core concepts, practices, vocabulary, culture, safety, and requirements for the fire service. This program follows the Fire and Emergency Services Higher Education (FESHE) model from the National Fire Academy and is a component of accreditation from the California State Fire Marshal.

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

- Identify minimum qualifications and entry-level skills for firefighter hiring. The student will be able to describe the following elements: application process; written exam process; physical agility exam, oral interview, chief’s interview; background investigation; and firefighting probationary process. Students will identify fire service history, culture and diversity.
- Demonstrate the ability to analyze, appraise and evaluate fire and emergency incidents and identify components of emergency management and firefighting safety including: size-up, report on conditions, Incident Command System; RECEO; 10 Standard Firefighting Orders; 18 Situations that shout “Watch Out”; and common factors associated with injuries and line of duty deaths.
- Identify and comprehend laws, regulations, codes and standards that influence fire department operations, and identify regulatory and advisory organizations that create and mandate them especially in the areas of fire prevention, building codes and ordinances, and firefighter health and safety.
- Analyze the causes of fire, determine extinguishing agents and methods, differentiate the stages of the fire and fire development, and compare methods of heat transfer.
- Identify and describe common types of building construction and conditions associated with structural collapse and firefighter safety.
- Differentiate between fire detection and alarm systems, and identify common health and safety concerns for firefighter and first responders.
- Respond to emergency situations as a certified Emergency Medical Technician.

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: 26.5 units

Course	Title	Units	Sequencing
FIT-1	Fire Protection Organization	3.0	Spring & Fall (each year)
FIT-2	Fire Behavior and Combustion	3.0	Spring & Fall (each year)
FIT-3	Fire Protection Equipment and Systems	3.0	Spring & Fall (each year)
FIT-4	Building Construction for Fire Protection	3.0	Spring & Fall (each year)
FIT-5	Fire Prevention	3.0	Spring & Fall (each year)

FIT-7	Principals of Firefighter Safety and Survival	3.0	Spring & Fall (each year)
EMS-50	Emergency Medical Technician	7.0	Spring & Fall (each year)
EMS-51	Emergency Medical Services-Basic Clinical/Field	1.5	Spring & Fall (each year)

Total Program Units: 26.5 units

Minimum Degree Units		Maximum Degree Units	
Minimum Major Units	26.5	Maximum Major Units	26.5
Double Counted Units	0	Double Counted Units	0
Local GE Required Units	27	CSUGE Required Units	39
Electives	6.5	Electives	0
Total Minimum Degree Units	60	Total Maximum Degree Units	65.5

Item 4. Master Planning

The Fire Technology Program aligns with the Moreno Valley College’s Mission to inspire, challenge, and empower our diverse, multi-cultural community of student learners to realize their goals; promote citizenship, integrity, leadership, and global awareness; encourage academic excellence and professionalism. According to Labor Market Information, employment for the students with a fire technology degrees/certificates is expected to **increase by 8% and have 253 annual job openings** over the next five years, between 2018 and 2023, in the Inland Empire/Desert Region (IEDR).

Item 5. Enrollment and Completer Projections

There were 81 annual average credentials issued from regional community college fire academy programs over the last three academic years. Based on current enrollments, our program will easily exceed this statistic in the next three years.

Item 6. Place of Program in Curriculum/Similar Programs

The Fire Technology Program continues to compliment Moreno Valley College’s Career Technical Education by providing depth of vocational education. This modification helps streamline existing programs and aligns curriculum with other institutions state-wide.

Item 7. Similar Programs at Other Colleges in Service Area

This change reflects similar programs in the region and aligns with industry standards and expectations.

Item 8. Transfer Preparation Information (if applicable) – N/A

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