

Meeting Agenda

Tuesday, September 2, 2025

2:30-4:00pm

CAADO 209/Zoom

Committee Members	Guests
<input type="checkbox"/> Steven Schmidt (Chair, MUS)	<input type="checkbox"/> Lijuan Zhai (AVC ES&IE, RCCD)
<input type="checkbox"/> <i>Vacant</i> (Co-Chair, VC Ed. Services)	<input type="checkbox"/> Bryan Medina (CPRO, RCCD)
<input type="checkbox"/> Kelly Douglass (ENGL, RCC)	<input type="checkbox"/> Nicole Banerjee (AO, RCC)
<input type="checkbox"/> Brian Johnson (MAT, NOR)	<input type="checkbox"/> Nick Franco (AO, NOR)
<input type="checkbox"/> Nick Sinigaglia (PHI, MVC)	<input type="checkbox"/> Deanna Murrell (AO, MVC)
	<input type="checkbox"/> Sabina Fernandez (CPRO, MVC)
	<input type="checkbox"/> Casandra Greene (CPRO, RCC)
	<input type="checkbox"/> Nicole Brown (CPRO, NOR)
Additional Guests:	

Zoom Information

<https://rccd-edu.zoom.us/j/86555446612?pwd=R0dDakVkSzNZQitZZEN0Zm1TTiYvQT09>

+1 669 900 6833 US

Meeting ID: 865 5544 6612

Passcode: 627472

Call to Order:

Agenda and Minutes

1. Approval of Agenda
The agenda will be reviewed, discussed, and considered for approval.
2. Approval of Minutes – June 3, 2025
The minutes will be reviewed, discussed, and considered for approval.

Action Items

1. Curriculum Proposals
Curriculum proposals will be reviewed, discussed, and considered for forwarding to the College Curriculum Committees.

Discussion Items and Public Comment

1. Hours and Units Review Tool – Kelly Douglass
2. MAT-70A Prereq Removal – Brian Johnson
3. General Updates/Questions – Bryan Medina
 - a. Curriqunet Updates and Permissions, Interdisciplinary Certificates, Minutes Requirements Reference Sheet, CCN
4. Open Forum
5. Public Comment for all items on or not otherwise on the agenda.

Adjournment:

Curriculum Proposal Minutes Requirements

For every proposal, please complete the [Minutes Report Form](#) and attach it to your proposal in Curriqunet with the minutes.

		District Discipline	College Discipline	District Discipline Communication	All Departments	Originating Department	Honors Committee*	Discontinuance Task Force
Courses	New Course	✓			?	?	*	
	Major Modification	✓				✓		
	Minor Modification	✓				✓		
	Course Deletion	✓				✓		
	Course Inclusion		✓	✓		✓		
	Course Exclusion		✓	✓		✓		
	Extensive Lab	✓				✓		
	RCCD GE Modification	✓				✓		
Distance Education	New DE	✓				✓	*	
	DE Modification	✓				✓		
Programs	New Program		✓	✓		✓		
	Modification		✓	✓		✓		
	Discontinuance		✓	✓		✓		✓

*Honors committee approval is required only for honors proposals.

Minutes Types

District Discipline:

A vote from the discipline at each college that offers the course. If a college does not offer the course, that college's discipline does not vote. Each college counts as a single vote on whether to approve a proposal. A majority of colleges must vote to approve the proposal in order for it to move forward.

College Discipline:

A vote from the discipline only at the college originating the proposal.

District Discipline Communication:

An e-mail notification to the district-wide discipline regarding the proposal.

All Departments:

A vote from a department at each college offering the course.

Originating Department:

A vote from the department only at the college originating the proposal.

Honors Committee:

A vote from the honors committee at each college offering the course.

Discontinuance Task Force:

A vote from the discontinuance task force per BP/AP 2021.

Technical Review - Curriculum Proposals

Proposals for Review for 09/02/2025

Courses

Course Deletions

		M	N	R	Notes
ALR 83	College Reading and Thinking	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
ALR 86	Reading Strategies for Textbooks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
ALR 882	Reading Skills and Strategies	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
H HLS 50	Developing a Personal Philosophy of Leadership and Ethics	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No attachments; Courses are a part of the Emergency Management and Homeland Security - Leadership program.
H HLS 51	Leading Others Ethically	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
H HLS 52	Ethical Leadership in Organizations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
H HLS 53	Ethics and the Challenge of Leadership	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
POR 2	Portuguese 2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
THE 200	Theatre Arts Work Experience	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Course Exclusions

		M	N	R	Notes
ADM 2C	Ethics and Legalities for Graphic Designers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ESL 65	American Classroom Culture	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ESL 90L	Special Topics in English as a Second Language: Punctuation of Phrases and Clauses	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ESL 90M	Special Topics in English as a Second Language: Articles and Prepositions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
H MAT 26	Math for Elementary School Teachers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
H MUS 1	Teaching Music to Young Children	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	In MOV Early Childhood Education degree

Course Inclusions

		M	N	R	Notes
KIN 38	Stress Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Course Major Modifications

		M	N	R	Notes
ALR 2	Strategic Reading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
AST 1A	Introduction to the Solar System	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Courses

Course Major Modifications

		M	N	R	Notes
AST 1AH	Honors Introduction to the Solar System	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AST 1B	Introduction to the Stars and Galaxies	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
H CIS 38B	Simulation and Gaming/3D Animation for Real-Time Interactive Simulations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Missing MOV department vote.					
H CIS 38C	Simulation and Gaming/3D Dynamics and Rendering for Real-Time Interactive Simulations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Missing MOV department vote.					
H HLS 1	Introduction to Homeland Security and Terrorism	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Holding for PSF-1. Large number of SLOs that appear to be objectives.					
HLS 101	Introduction to Emergency Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
HLS 2	Preparedness for Emergencies, Disasters & Homeland Security Incidents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
HLS 3	Response to Emergencies, Disasters and Homeland Security Incidents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
HLS 4	Recovery in Emergencies, Disasters and Homeland Security Incidents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
MUS 38	Beginning Applied Music I	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PHY 4A	Mechanics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PHY 4B	Electricity and Magnetism	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PHY 4C	Light, Optics, and Modern Physics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
H SPA 1	Spanish 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Missing district-wide discipline vote.					
H SPA 2	Spanish 2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Missing district-wide discipline vote.					

Course Minor Modifications

		M	N	R	Notes
AIR 30	Residential System Installation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AIR 61A	Beginning Air Conditioning and Refrigeration 1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AIR 61B	Advanced Air Conditioning and Refrigeration II	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AIR 64A	Beginning Air Conditioning and Refrigeration Electricity	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AIR 64B	Advanced Air Conditioning and Refrigeration Electricity II	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Courses

Course Minor Modifications

M N R Notes

AIR 75	HVAC/R Systems Design	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AIR 76	Facilities Maintenance/Chillers	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AIR 77	Energy Conservation Methods for HVACR	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AIR 78	Safe Refrigerant Handling & Management	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AIR 80	Gas Heating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AIR 83	All Weather Heating & Cooling System	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AIR 84	Boiler and Hydronic Heating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AIR 90	Building Automation Fundamentals	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AIR 91	Advanced Building Control Networks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AIR 92	Advanced Building Automation Networks and Programming	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
ALR 1	Reading Tutor Training	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
ALR 3	Reading for Academic and Lifelong Literacy	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
ALR 887	Reading Clinic	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
AUB 50	Introduction to Automotive Collision Repair	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AUB 51	Automotive Non-Structural Collision Repair and Estimating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AUB 52	Automotive Refinishing and Paint	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AUB 54	Automotive Structural Collision Repair and Frame	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AUB 55	Automotive Advanced Refinishing and Custom Paint	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AUB 56	Automotive Technology for the Automotive Collision Specialist	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AUB 57	Antique and Classic Auto Restoration and Fabrication	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AUB 59A	Automotive Collision Service and Repair	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AUB 59B	Automotive Refinishing Service and Repair	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AUB 60	Automotive Trim and Upholstery I	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AUB 61	Automotive Trim and Upholstery II	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
AUT 13A	Hybrid and Electric Vehicle Technology 1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Courses

Course Minor Modifications

M N R Notes

AUT 13B Advanced Hybrid and Electric Vehicle Technology ☐ ☐ ☒

AUT 1A Automotive Engine Repair (Upper End) ☐ ☐ ☒

AUT 1B Automotive Engine Repair (Lower End) ☐ ☐ ☒

AUT 2 Automotive Automatic Transmission/Transaxles ☐ ☐ ☒

AUT 3 Automotive Manual Drivetrain Systems ☐ ☐ ☒

AUT 4A Automotive Steering and Suspension ☐ ☐ ☒

AUT 4B Advanced Suspension and Brake Systems ☐ ☐ ☒

AUT 5 Automotive Brakes ☐ ☐ ☒

AUT 50 Automotive Principles ☐ ☐ ☒

AUT 6A Automotive Electrical Systems 1 ☐ ☐ ☒

AUT 6B Automotive Electrical Systems 2 ☐ ☐ ☒

AUT 7 Automotive Heating and Air Conditioning ☐ ☐ ☒

AUT 801 ASE Test Preparation- Engine Repair ☐ ☐ ☒

AUT 802 ASE Test Preparation- Automatic Transmission/
Transaxle ☐ ☐ ☒

AUT 803 ASE Test Preparation- Manual Drive Train and Axles ☐ ☐ ☒

AUT 804 ASE Test Preparation - Suspension and Steering ☐ ☐ ☒

AUT 805 ASE Test Preparation- Brakes ☐ ☐ ☒

AUT 806 ASE Test Preparation- Electrical/Electronic Systems ☐ ☐ ☒

AUT 807 ASE Test Preparation- Heating and Air Conditioning ☐ ☐ ☒

AUT 808 ASE Test Preparation- Engine Performance ☐ ☐ ☒

AUT 811 ASE Test Preparation- Advanced Engine Performance ☐ ☐ ☒

AUT 8A Automotive Engine Performance 1 ☐ ☐ ☒

AUT 8B Automotive Engine Performance 2 ☐ ☐ ☒

AUT 8C Automotive Emission Controls ☐ ☐ ☒

BAK 46 Fundamentals of Baking and Pastry ☐ ☐ ☒

BAK 47 Advanced Baking and Pastry ☐ ☐ ☒

Courses

Course Minor Modifications

M N R Notes

BAK 48 Dietary Baking ☐ ☐ ☒

BAK 74 Cost Control for Professional Skills in Baking ☐ ☐ ☒

BAK 80 Plated Desserts and Sauces ☐ ☐ ☒

BAK 81 Candies, Confections, and Treats ☐ ☐ ☒

BAK 82 Advanced Cake Decorating Techniques ☐ ☐ ☒

BAK 83 Chocolate Techniques and Bonbons ☐ ☐ ☒

BAK 84 Sugar Artistry and Pastillage ☐ ☐ ☒

BAK 874 Cost Control for Professional Skills in Baking ☐ ☐ ☒

BAK 880 Plated Desserts and Sauces ☐ ☐ ☒

BAK 881 Candies, Confections, and Treats ☐ ☐ ☒

BAK 882 Advanced Cake Decorating Techniques ☐ ☐ ☒

BAK 883 Chocolate Techniques and Bonbons ☐ ☐ ☒

BAK 884 Sugar Artistry and Pastillage ☐ ☐ ☒

CAT 61 Professional Office Procedures ☒ ☐ ☒

FTV 12 History of American Film ☐ ☐ ☒

FTV 200 Telecommunications Work Experience ☐ ☐ ☒

FTV 38A Beginning Film, Television and Video Production Project ☐ ☐ ☒

FTV 38B Advanced Film, Television and Video Production Project ☐ ☐ ☒

FTV 41 Introduction to Telecommunications ☐ ☐ ☒

FTV 42 Writing for Broadcast Television ☐ ☐ ☒

FTV 44A Beginning Television Production ☐ ☐ ☒

FTV 45A Beginning Television News Production ☐ ☐ ☒

FTV 51A Film, Television and Video Laboratory I ☐ ☐ ☒

FTV 52 Film, Television and Video Laboratory ☐ ☐ ☒

FTV 53 Telecommunications Laboratory ☐ ☐ ☒

FTV 64A Beginning Digital Editing Principles and Techniques ☐ ☐ ☒

Courses

Course Minor Modifications

M N R Notes

FTV 65 The Director's Art in Filmmaking ☐ ☐ ☒

FTV 67 Introduction to Video Production ☐ ☐ ☒

FTV 68 Story Development Process in the Entertainment Industry ☐ ☐ ☒

FTV 71A Beginning Sound Engineering for Audio in Media ☐ ☐ ☒

FTV 72 Introduction to Lighting Design for Film and Television ☐ ☐ ☒

FTV 74 Production Planning and Management ☐ ☐ ☒

FTV 77 Intermediate Lighting Techniques for Film, TV and Video ☐ ☐ ☒

FTV 79 Introduction to Special Effects Make-Up for Film, Television and Video ☐ ☐ ☒

JOU 1 Introduction to Journalism ☒ ☐ ☒

PHY 10 Introduction to General Physics ☒ ☒ ☒

PHY 11 Physics Laboratory ☒ ☒ ☒

PHY 2A General Physics I ☐ ☒ ☒

PHY 2B General Physics II ☐ ☒ ☒

PHY 4D Modern Physics ☒ ☐ ☒

THE 2 Play Practicum-Special Projects Laboratory I ☐ ☒ ☒

THE 25 Makeup for the Stage ☐ ☒ ☒

THE 26 Directing for the Stage ☐ ☒ ☒

THE 29 Musical Theater Appreciation ☐ ☒ ☒

THE 3 Introduction to the Theater ☒ ☒ ☒

THE 30 Voice and Movement for the Stage ☐ ☐ ☒

THE 32 Acting Fundamentals - Theater Games and Exercises ☒ ☒ ☒

THE 33 Scene Acting-Creating a Role ☐ ☒ ☒

THE 34 Scene Study in Various Theatrical Styles ☐ ☒ ☒

THE 35 Classical Acting with Emphasis in Shakespearean Verse ☐ ☒ ☒

THE 36 Improvisational Acting ☐ ☒ ☒

Courses

Course Minor Modifications

		M	N	R	Notes
THE 37	Musical Theater Techniques	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
THE 38	Auditioning for the Stage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
THE 39	Acting for the Camera	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
THE 4	Play Practicum-Special Projects Lab II	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
THE 41	Elementary Stagecraft	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
THE 44	Theatrical Set Design	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
THE 46	Theatrical Costume Design	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
THE 48	Theatrical Lighting Design	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
THE 49	Scenic Painting for the Theater	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
THE 5	Theater Practicum	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
THE 54	Introduction to Stage Management	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
THE 55	Beginning Musical Theatre I	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
THE 56	Beginning Musical Theatre II	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
THE 57	Intermediate Musical Theatre I	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
THE 58	Intermediate Musical Theatre II	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
THE 6	Advanced Theater Practicum	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
THE 9	Dramatic Literature-Script Analysis	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Course Reactivation

		M	N	R	Notes
H ADM 200	Applied Digital Media Work Experience	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Hours and units are not correct. Need to verify if MOV wants to adopt the reactivation; this may be RIV only.					

Distance Education

		M	N	R	Notes
ELE 10DE	Survey of Electronics	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
ELE 810DE	Survey of Electronics	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
JOU 1DE	Introduction to Journalism	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
PAL 86DE	Tort Law and Alternative Dispute Resolution	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Courses

New Courses

		M	N	R	Notes
H	CIS 64				
	Data and Technology Ethics	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	Many GESLOs. Has an 18 hour lab, total units calculated to 3.33 units. Holding to alert faculty to unfunded lab. This has been added to the Data Analytics, Data Science, and IT programs.				
	MAN 33		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Programmable Controller Troubleshooting 1		<input checked="" type="checkbox"/>	<input type="checkbox"/>	
H	PSF 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Introduction to Homeland Security and Terrorism	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	PSF 101	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Introduction to Emergency Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	PSF 2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Preparedness for Emergencies, Disasters & Homeland Security Incidents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	PSF 3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Response to Emergencies, Disasters and Homeland Security Incidents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	PSF 4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Recovery in Emergencies, Disasters and Homeland Security Incidents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Programs

Program Modifications

<u>Program Modifications</u>		M	N	R	Notes
ADT					
EAR	Elementary Teacher Education: Integrated Programs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
MAT	Mathematics 2.0	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
PHY	Physics 2.0	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Certificate					
H CIS	Data Analytics	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Holding for CIS-64					
Degree					
H CIS	Data Science	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Holding for CIS-64					
H CIS	Information Technology (IT) Cybersecurity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Holding for CIS-64					
Degree & Certificate					
ARE	Architectural Graphics	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
ELE	Digital Electronics	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Technical Review - Curriculum Proposals

Proposals for Review for 09/02/2025

Courses

Course Deletions

M N R Discussion

Action

ALR 83 [College Reading and Thinking](#) ☐ ☒ ☒
Rationale: Since AB705, ALR has not offered any remedial courses at RCC. ALR 83 is no longer being taught by the discipline.

ALR 86 [Reading Strategies for Textbooks](#) ☐ ☒ ☒
Rationale: ALR 86 is no longer offered by the discipline.

ALR 882 [Reading Skills and Strategies](#) ☒ ☐ ☒
Rationale: The discipline no longer offers ALR 882.

H **HLS 50** [Developing a Personal Philosophy of Leadership and Ethics](#) ☒ ☐ ☐ No attachments; Courses are a part of the Emergency Management and Homeland Security - Leadership program.
Rationale: This course was being offered in conjunction with the Riverside County Sheriff's Department, who is no longer interested in offering the course. The curriculum was proprietary, and the Sheriff's Department paid for instructors to go to the required instructor training. With the Sheriff's loss of interest, it is no longer feasible to offer this class.

H **HLS 51** [Leading Others Ethically](#) ☒ ☐ ☐
Rationale: This course was being offered in conjunction with the Riverside County Sheriff's Department, who is no longer interested in offering the course. The curriculum was proprietary, and the Sheriff's Department paid for instructors to go to the required instructor training. With the Sheriff's loss of interest, it is no longer feasible to offer this class.

H **HLS 52** [Ethical Leadership in Organizations](#) ☒ ☐ ☐
Rationale: This course was being offered in conjunction with the Riverside County Sheriff's Department, who is no longer interested in offering the course. The curriculum was proprietary, and the Sheriff's Department paid for instructors to go to the required instructor training. With the Sheriff's loss of interest, it is no longer feasible to offer this class.

Courses

Course Deletions

M N R Discussion

Action

H

HLS 53

Ethics and the Challenge of Leadership

☒ ☐ ☐

Rationale:

This course was being offered in conjunction with the Riverside County Sheriff's Department, who is no longer interested in offering the course. The curriculum was proprietary, and the Sheriff's Department paid for instructors to go to the required instructor training. With the Sheriff's loss of interest, it is no longer feasible to offer this class.

POR 2

Portuguese 2

☐ ☐ ☒

Rationale:

We have not offered this course since 2016.

THE 200

Theatre Arts Work Experience

☒ ☒ ☒

Rationale:

Deactivating course.

Course Exclusions

M N R Discussion

Action

ADM 2C

Ethics and Legalities for Graphic Designers

☒ ☐ ☐

Rationale:

Scheduling the course has been challenging due to its status as a 1-unit course.

Courses

Course Exclusions

M N R Discussion

Action

ESL 65

American Classroom Culture

☒ ☐ ☐

Rationale:

ESL 65 was initially developed to support international students who have newly arrived in the United States and who lack prior experience with American academic institutions. The course provides cultural and linguistic orientation specific to the U.S. classroom environment, including expectations, norms, and communication styles common in American educational settings. At Moreno Valley College (MVC), however, the ESL student population differs significantly from that of institutions such as Riverside City College. The majority of MVC's ESL students are long-term residents or members of the 1.5-generation immigrant population, rather than newly arrived international students. These students are generally more familiar with U.S. cultural norms and academic systems due to their extended exposure to American society and schooling. Given this demographic distinction, the specific objectives and focus of ESL 65 are not fully aligned with the current needs of MVC-ESL students. Moreover, cultural awareness, academic conventions, and classroom communication strategies are already embedded across the ESL curriculum at MVC, particularly in courses focused on reading, writing, listening, and speaking. These existing courses contextualize cultural content within language instruction, rendering a standalone course on American classroom culture redundant. Considering the overlapping instructional content and the demographic profile of MVC-ESL students, the college recommends the formal exclusion of ESL 65 from its ESL course offerings.

Courses

Course Exclusions

M N R Discussion

Action

ESL 90L [Special Topics in English as a Second Language: Punctuation of Phrases and Clauses](#) ☒ ☐ ☐

Rationale: ESL-90L is a special topics course designed to support students in mastering the conventions of punctuation in American English. The course enhances students' understanding of phrases and clauses and develops their ability to apply appropriate punctuation in compound and complex sentence structures. While the focus of ESL-90L is valuable for English language development, the core grammar and writing courses within the existing Moreno Valley College ESL curriculum already provide integrated instruction on these topics. Students receive targeted practice with sentence structure, punctuation, and clause identification as part of their progression through the grammar and composition sequence. Furthermore, ESL-90L is offered through Riverside City College (RCC) via an online format. This ensures that MVC students who wish to reinforce their understanding of punctuation and sentence construction can readily access the course through district-wide registration options. Additionally, MVC and RCC ESL disciplines have established a coordinated rotation of ESL Special Topics courses to optimize instructional resources and avoid duplication. Under this agreement, MVC offers specific special topics such as ESL-90D and ESL-90P, while RCC retains ESL-90L and other complementary offerings. This district-wide strategy ensures broad access to enrichment courses while streamlining the local curriculum. In light of the above stated reasons, especially given student access to ESL-90L via RCC online modality, and the established special topics rotation plan, the exclusion of ESL-90L from the MVC ESL curriculum is recommended.

Courses

Course Exclusions

M N R Discussion

Action

ESL 90M [Special Topics in English as a Second Language: Articles and Prepositions](#)

☒ ☐ ☐

Rationale: ESL-90M is a special topics course designed to offer targeted instruction in English articles and prepositions, including prepositional phrases, verbal and adverbial idioms, and usage of definite and indefinite articles. While these topics are foundational to English grammar, they are already comprehensively integrated into existing MVC ESL coursework, particularly in the core grammar and writing sequence. Additionally, ESL-90M is currently and consistently offered by Riverside City College (RCC) in an online format, allowing MVC students who seek additional practice or review in this area to enroll without scheduling conflict or duplication of instruction.

Moreover, the ESL disciplines at RCC and at MVC have collaboratively established a rotation of ESL Special Topics course offerings across the district. Under this coordinated plan, MVC offers ESL-90D, ESL-90P, while RCC offers ESL-90M and other selected Special Topics courses. This strategy ensures equitable access to specialized ESL instruction while avoiding unnecessary overlap and conserving instructional resources.

Given the above-stated reasons, particularly the student access via RCC online modality, and the inter-college special topics rotation agreement, the exclusion of ESL-90M from the MVC ESL course catalog is recommended.

H MAT 26 [Math for Elementary School Teachers](#)

☒ ☐ ☐

Rationale: This course has not been offered since winter of 2018 and is no longer a requirement for any ADT or certificate.

H MUS 1 [Teaching Music to Young Children](#)

☒ ☐ ☐

In MOV Early Childhood Education degree

Rationale: This course has only been offered 3 times at MVC: First in 2011, again in 2015 and the last time occurred in the Fall of 2020. It has never reached the cap (in any of those offerings) and the last time it was offered it was extremely low enrolled (6 students at census). This course doesn't fit into any music degree or certificate and the MVC music faculty have no interest in offering it in the future (as it serves no curricular or supporting role within the music program). It is an elective component within the Associate of Science Degree and Certificate of Achievement for Early Childhood Education. However, the ECE at MVC also have no interest in offering it and are planning to complete a program modification to remove this course from their certificate. Therefore, MUS-1 should be excluded from the catalog.

Courses

Course Inclusions

M N R Discussion

Action

KIN 38 **Stress Management**

☒ ☐ ☐

Rationale: Moreno Valley College is in the process of expanding the program and the curriculum and would like to offer KIN 38 Stress Management to our curriculum.

Course Major Modifications

M N R Discussion

Action

ALR 2 **Strategic Reading**

☐ ☒ ☒

Rationale: The course outline was last updated 10/2020. The reason for the major modification is to update the SLOs, course objectives, course content, sample assignments, and course materials to reflect changes made to the discipline with AB 705.

AST 1A **Introduction to the Solar System**

☒ ☐ ☒

Rationale: Updating course content to include the Sun, which allows AST-1B to be a standalone class. Removing outdated prerequisites.

AST 1AH **Honors Introduction to the Solar System**

☐ ☐ ☒

Rationale: Updating course content to include the Sun, which allows AST-1B to be a standalone class.

AST 1B **Introduction to the Stars and Galaxies**

☒ ☐ ☒

Rationale: Moving content specifically about the Sun to AST-1A, adding some introductory content covered in AST-1A to AST-1B to allow AST-1B to be offered to all students; removing AST-1A pre-requisite. This will expand the number of students eligible for this class and hopefully increase enrollment.

H **CIS 38B** **Simulation and Gaming/3D Animation for Real-Time Interactive Simulations**

☒ ☐ ☐

Missing MOV department vote.

Rationale: Major Modification; removal of prerequisite. Software and computer animation techniques have been streamlined and simplified since this course was originated. There is no longer a need for CIS 38A as a prerequisite for this course.

H **CIS 38C** **Simulation and Gaming/3D Dynamics and Rendering for Real-Time Interactive Simulations**

☒ ☐ ☐

Missing MOV department vote.

Rationale: Major Modification; removal of prerequisite. Software and computer animation techniques have been streamlined and simplified since this course was originated. There is no longer a need for CIS 38B as a prerequisite for this course.

Courses

Course Major Modifications

		M	N	R	Discussion	Action
H	HLS 1 Rationale:	Introduction to Homeland Security and Terrorism Added cross-listing to PSF-1 and updated book.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Holding for PSF-1. Large number of SLOs that appear to be objectives.
	HLS 101 Rationale:	Introduction to Emergency Management Update CLOs, SLOs, Content and book to better align with forthcoming BSEM.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	HLS 2 Rationale:	Preparedness for Emergencies, Disasters & Homeland Security Incidents Updated SLOs and Objectives and reworded Course Content. Book updated to latest edition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	HLS 3 Rationale:	Response to Emergencies, Disasters and Homeland Security Incidents This modification updates course learning objectives, student learning outcomes, content and books to better prepare students for the Bachelor of Science in Emergency Management.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	HLS 4 Rationale:	Recovery in Emergencies, Disasters and Homeland Security Incidents This major modification updates the course objectives, student learning outcomes, content and book to better align the course with the Bachelor of Science in Emergency Management.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	MUS 38 Rationale:	Beginning Applied Music I Add performing ensemble corequisite. Update sample assignments.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	PHY 4A Rationale:	Mechanics Adding material and increasing units to comply with new Physics 2.0 TMC; converting 4-semester sequence to 3 semesters. Updating prerequisites to match UC requirements and better ensure student success.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	PHY 4B Rationale:	Electricity and Magnetism Adding material and increasing units to comply with new Physics 2.0 TMC; converting 4-semester sequence to 3 semesters. Updating prerequisites to match UC requirements and better ensure student success.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	PHY 4C Rationale:	Light, Optics, and Modern Physics With the addition of content to PHY-4A and PHY-4B, some content is being removed from PHY-4C to avoid unnecessary repetition. The content is being replaced with the current content of PHY-4D, keeping the number of units of PHY-4C the same. This reduces the total number of physics courses required for physics majors to 3, and reduces the total number of units from 16 to 14.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Courses

Course Major Modifications

		M	N	R	Discussion	Action
H	SPA 1 Rationale: Remove reference to SPA-1H in course description	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Missing district-wide discipline vote.	
H	SPA 2 Rationale: Remove reference to SPA-1H in requisite	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Missing district-wide discipline vote.	

Course Minor Modifications

		M	N	R	Discussion	Action
	AIR 30 Rationale: 2 year update.Textbook changes: Cengage unlimited added	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	AIR 61A Rationale: 2 Year Update,Textbook update - Cengage Unlimited	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	AIR 61B Rationale: 2 Year Update,textbook update - Cengage Unlimited	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	AIR 64A Rationale: 2 Year Update, Textbook update - Cengage Unlimited	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	AIR 64B Rationale: 2 Year Update, Textbook update - Cengage Unlimited	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	AIR 75 Rationale: 2 Year Update, Textbook update - Cengage Unlimited	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	AIR 76 Rationale: 2 Year Update,Textbook update - Cengage Unlimited	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	AIR 77 Rationale: 2 Year Update,Textbook update - Cengage Unlimited	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	AIR 78 Rationale: 2 Year Update,Textbook update - Cengage Unlimited	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	AIR 80 Rationale: 2 Year Update,Textbook update - Cengage Unlimited	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	AIR 83 Rationale: 2 Year Update,Textbook update - Cengage Unlimited	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

Courses

Course Minor Modifications

		M	N	R	Discussion	Action
AIR 84	Boiler and Hydronic Heating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	2 Year Update,Textbook update - Cengage Unlimited					
AIR 90	Building Automation Fundamentals	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	2 year updateNo changes					
AIR 91	Advanced Building Control Networks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	2 Year update,					
AIR 92	Advanced Building Automation Networks and Programming	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	2 year update					
ALR 1	Reading Tutor Training	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	The discipline updated the course outline to include more recent textbooks.					
ALR 3	Reading for Academic and Lifelong Literacy	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	The textbook list was updated with more current course materials.					
ALR 887	Reading Clinic	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	The course materials have been updated with more current textbooks.					
AUB 50	Introduction to Automotive Collision Repair	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Course reviewed, no modifications needed at this time.					
AUB 51	Automotive Non-Structural Collision Repair and Estimating	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Course reviewed, no modifications needed at this time.					
AUB 52	Automotive Refinishing and Paint	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Course reviewed, no modifications needed at this time.					
AUB 54	Automotive Structural Collision Repair and Frame	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Course reviewed, no modifications needed at this time.					
AUB 55	Automotive Advanced Refinishing and Custom Paint	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Course reviewed, no modifications needed at this time.					
AUB 56	Automotive Technology for the Automotive Collision Specialist	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Course reviewed, no modifications needed at this time.					
AUB 57	Antique and Classic Auto Restoration and Fabrication	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Course reviewed, no modifications needed at this time.					

Courses

Course Minor Modifications

		M	N	R	Discussion	Action
AUB 59A	Automotive Collision Service and Repair	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Course reviewed, no modifications needed at this time.					
AUB 59B	Automotive Refinishing Service and Repair	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Course reviewed, no modifications needed at this time.					
AUB 60	Automotive Trim and Upholstery I	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Course reviewed, no modifications needed at this time.					
AUB 61	Automotive Trim and Upholstery II	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Course reviewed, no modifications needed at this time.					
AUT 13A	Hybrid and Electric Vehicle Technology 1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Review of Course Outline					
AUT 13B	Advanced Hybrid and Electric Vehicle Technology	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Review of Course Outline					
AUT 1A	Automotive Engine Repair (Upper End)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Two year review. No modifications needed.					
AUT 1B	Automotive Engine Repair (Lower End)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	2 year review and course update as needed.					
AUT 2	Automotive Automatic Transmission/Transaxles	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Two-year review. No modifications needed.					
AUT 3	Automotive Manual Drivetrain Systems	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Two-year review and book update as needed.					
AUT 4A	Automotive Steering and Suspension	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Two-year review and book update as needed.					
AUT 4B	Advanced Suspension and Brake Systems	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Review of Course Outline					
AUT 5	Automotive Brakes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Two-year review and book update as needed.					
AUT 50	Automotive Principles	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	2 year review. Course update as needed					

Courses

Course Minor Modifications

		M	N	R	Discussion	Action
AUT 6A	Automotive Electrical Systems 1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	2 year review. Course update as needed.					
AUT 6B	Automotive Electrical Systems 2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Review of Course Outline					
AUT 7	Automotive Heating and Air Conditioning	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Two-year review and book update as needed.					
AUT 801	ASE Test Preparation- Engine Repair	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Two-year review and book update as needed.					
AUT 802	ASE Test Preparation- Automatic Transmission/ Transaxle	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Two-year review and book update as needed.					
AUT 803	ASE Test Preparation- Manual Drive Train and Axles	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Two-year review and book update as needed.					
AUT 804	ASE Test Preparation - Suspension and Steering	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Two-year review and book update as needed.					
AUT 805	ASE Test Preparation- Brakes	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Two-year review and book update as needed.					
AUT 806	ASE Test Preparation- Electrical/Electronic Systems	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Two-year review and book update as needed.					
AUT 807	ASE Test Preparation- Heating and Air Conditioning	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Two-year review and book update as needed.					
AUT 808	ASE Test Preparation- Engine Performance	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Two-year review and book update as needed.					
AUT 811	ASE Test Preparation- Advanced Engine Performance	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Two-year review and book update as needed.					
AUT 8A	Automotive Engine Performance 1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Two-year review and book update as needed.					
AUT 8B	Automotive Engine Performance 2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rationale:	Two-year review and book update as needed.					

Courses

Course Minor Modifications

M N R Discussion

Action

AUT 8C [Automotive Emission Controls](#)

☐ ☐ ☒

Rationale: Two-year review and book update as needed.

BAK 46 [Fundamentals of Baking and Pastry](#)

☐ ☐ ☒

Rationale: The course materials have been reviewed, and there are no changes at this time.

BAK 47 [Advanced Baking and Pastry](#)

☐ ☐ ☒

Rationale: The course materials have been reviewed, and there are no changes at this time.

BAK 48 [Dietary Baking](#)

☐ ☐ ☒

Rationale: The course materials have been reviewed, and there are no changes at this time.

BAK 74 [Cost Control for Professional Skills in Baking](#)

☐ ☐ ☒

Rationale: The course materials have been reviewed, and there are no changes at this time.

BAK 80 [Plated Desserts and Sauces](#)

☐ ☐ ☒

Rationale: The course materials have been reviewed, and there are no changes at this time.

BAK 81 [Candies, Confections, and Treats](#)

☐ ☐ ☒

Rationale: The course materials have been reviewed, and there are no changes at this time.

BAK 82 [Advanced Cake Decorating Techniques](#)

☐ ☐ ☒

Rationale: The course materials have been reviewed, and there are no changes at this time.

BAK 83 [Chocolate Techniques and Bonbons](#)

☐ ☐ ☒

Rationale: The course materials have been reviewed, and there are no changes at this time.

BAK 84 [Sugar Artistry and Pastillage](#)

☐ ☐ ☒

Rationale: The course materials have been reviewed, and there are no changes at this time.

BAK 874 [Cost Control for Professional Skills in Baking](#)

☐ ☐ ☒

Rationale: The course materials have been reviewed, and there are no changes at this time.

BAK 880 [Plated Desserts and Sauces](#)

☐ ☐ ☒

Rationale: The course materials have been reviewed, and there are no changes at this time.

BAK 881 [Candies, Confections, and Treats](#)

☐ ☐ ☒

Rationale: The course materials have been reviewed, and there are no changes at this time.

BAK 882 [Advanced Cake Decorating Techniques](#)

☐ ☐ ☒

Rationale: The course materials have been reviewed, and there are no changes at this time.

Courses

Course Minor Modifications

M N R Discussion

Action

BAK 883 [Chocolate Techniques and Bonbons](#) ☐ ☐ ☒

Rationale: The course materials have been reviewed, and there are no changes at this time.

BAK 884 [Sugar Artistry and Pastillage](#) ☐ ☐ ☒

Rationale: The course materials have been reviewed, and there are no changes at this time.

CAT 61 [Professional Office Procedures](#) ☒ ☐ ☒

Rationale: Two-Year CTE review.

FTV 12 [History of American Film](#) ☐ ☐ ☒

Rationale: Following course review, it has been determined that the course remains current and does not require modification.

FTV 200 [Telecommunications Work Experience](#) ☐ ☐ ☒

Rationale: Following review, it has been determined that the course remains current and does not require modification.

FTV 38A [Beginning Film, Television and Video Production Project](#) ☐ ☐ ☒

Rationale: After careful review, no updates required.

FTV 38B [Advanced Film, Television and Video Production Project](#) ☐ ☐ ☒

Rationale: After careful review, no update is needed.

FTV 41 [Introduction to Telecommunications](#) ☐ ☐ ☒

Rationale: After careful review, a new book update, no other updates needed.

FTV 42 [Writing for Broadcast Television](#) ☐ ☐ ☒

Rationale: After review, no changes. The course is up-to-date.

FTV 44A [Beginning Television Production](#) ☐ ☐ ☒

Rationale: No changes, this course is up-to-date.

FTV 45A [Beginning Television News Production](#) ☐ ☐ ☒

Rationale: After review, no updates needed,

FTV 51A [Film, Television and Video Laboratory I](#) ☐ ☐ ☒

Rationale: Course reviewed, no update needed.

FTV 52 [Film, Television and Video Laboratory](#) ☐ ☐ ☒

Rationale: Course reviewed, no update needed.

Courses

Course Minor Modifications

M N R Discussion

Action

FTV 53 **Telecommunications Laboratory**
 Rationale: Course reviewed, no update needed.

☐ ☐ ☒

FTV 64A **Beginning Digital Editing Principles and Techniques**
 Rationale: Course reviewed, no update needed.

☐ ☐ ☒

FTV 65 **The Director's Art in Filmmaking**
 Rationale: Course reviewed, new book updated.

☐ ☐ ☒

FTV 67 **Introduction to Video Production**
 Rationale: After careful review, no update is needed.

☐ ☐ ☒

FTV 68 **Story Development Process in the Entertainment Industry**
 Rationale: After careful review, no update is needed.

☐ ☐ ☒

FTV 71A **Beginning Sound Engineering for Audio in Media**
 Rationale: After careful review, no update is needed.

☐ ☐ ☒

FTV 72 **Introduction to Lighting Design for Film and Television**
 Rationale: After careful review, no update is needed.

☐ ☐ ☒

FTV 74 **Production Planning and Management**
 Rationale: After careful review, no update is needed.

☐ ☐ ☒

FTV 77 **Intermediate Lighting Techniques for Film, TV and Video**
 Rationale: After careful review, no update is needed.

☐ ☐ ☒

FTV 79 **Introduction to Special Effects Make-Up for Film, Television and Video**
 Rationale: After careful review, no update is needed.

☐ ☐ ☒

JOU 1 **Introduction to Journalism**
 Rationale: CTE 2-year review. No changes needed.

☒ ☐ ☒

PHY 10 **Introduction to General Physics**
 Rationale: Updating textbook information.

☒ ☒ ☒

PHY 11 **Physics Laboratory**
 Rationale: Updating textbooks.

☒ ☒ ☒

PHY 2A **General Physics I**
 Rationale: Update for current textbooks

☐ ☒ ☒

Courses

Course Minor Modifications

M N R Discussion

Action

PHY 2B General Physics II

Rationale: Update for current textbooks

☐ ☒ ☒

PHY 4D Modern Physics

Rationale: Updating textbooks.

☒ ☐ ☒

THE 2 Play Practicum-Special Projects Laboratory I

Rationale: Graded on acting, set construction, lighting, costuming, house management, props and make-up on a small scale.

☐ ☒ ☒

THE 25 Makeup for the Stage

Rationale: Graded on makeup techniques of makeup application, painterly techniques and three dimensional techniques in relation to production and performance.

☐ ☒ ☒

THE 26 Directing for the Stage

Rationale: A study of the director's interpretation of dramatic literature, with emphasis on the communication of intellectual and emotional concepts through composition, visualization, picturization, movement and rhythm.

☐ ☒ ☒

THE 29 Musical Theater Appreciation

Rationale: Graded on stylistic distinctions of the musical and the contribution of individual composers, librettists, lyricists, choreographers, directors, and designers to the genre of musical theatre.

☐ ☒ ☒

THE 3 Introduction to the Theater

Rationale: Graded on the historical and modern aspects of acting, directing, playwriting, scenic design, costume design, sound design,

☒ ☒ ☒

THE 30 Voice and Movement for the Stage

Rationale: Grading will be based on principles and techniques of voices and movement needed for the actor to perform on stage, including stage movement, alignment, voice production, breathing, diction, accents, flexibility, projection, and voice care.

☐ ☐ ☒

THE 32 Acting Fundamentals - Theater Games and Exercises

Rationale: Grading will be based on creativity, relaxation, sensory awareness, and concentration. Development and preparation of the actor's instrument: voice, speech, body, and imagination.

☒ ☒ ☒

Courses

Course Minor Modifications

M N R Discussion

Action

THE 33 **Scene Acting-Creating a Role** ☐ ☒ ☒

Rationale: Grading is based on text analysis and practical applications such as use of body, voice, and imagination. Continued development of actor's body through exercises. Advanced work in motivation, relationships, and emotional discovery and release.

THE 34 **Scene Study in Various Theatrical Styles** ☐ ☒ ☒

Rationale: Grading will be based on the development of the actor's artistic sense and presentation with regard to text, environment, actions and choices.

THE 35 **Classical Acting with Emphasis in Shakespearean Verse** ☐ ☒ ☒

Rationale: Grading will be based on analysis and thematic aspects of Shakespeare and elevated verse, especially meter, rhythm, structure, imagery, antithesis, word games, patterns, stressing, and inflections.

THE 36 **Improvisational Acting** ☐ ☒ ☒

Rationale: Graded on short and long form , dramatic and comedic, group work , spontaneity and characterization .

THE 37 **Musical Theater Techniques** ☐ ☐ ☒

Rationale: To apply various acting techniques through Dialouge , song and dance.

THE 38 **Auditioning for the Stage** ☐ ☐ ☒

Rationale: Students will Create a repetoir of material for auditions

THE 39 **Acting for the Camera** ☐ ☒ ☒

Rationale: Grading on performance on film , shots positions, acting before a camera, actor behavior for both television, gaming, and motion pictures.

THE 4 **Play Practicum-Special Projects Lab II** ☐ ☒ ☒

Rationale: Graded on performance including units in acting, set construction, lighting, costuming, house management, props and make-up for various productions .

THE 41 **Elementary Stagecraft** ☐ ☒ ☒

Rationale: Grading is based on safety, elementary set construction, scenic painting, drafting, and critical analysis of scenic design for the theater.

THE 44 **Theatrical Set Design** ☐ ☒ ☒

Rationale: Graded on analysis of space, movement, mood, period, style, texture, materials, and color to achieve the execution of design concepts.

Courses

Course Minor Modifications

M N R Discussion

Action

THE 46 **Theatrical Costume Design** ☐ ☒ ☒

Rationale: Grading will be based on use and manipulation of patterns, textiles, jewelry, and accessories to imitate the historical needs of the production while maintaining production budget guidelines.

THE 48 **Theatrical Lighting Design** ☐ ☒ ☒

Rationale: Grading will be based on creative concepts of lighting design, how to create a light plot, hang the lighting instruments for a show, as well as the practical use and operation of lighting equipment used to execute the design.

THE 49 **Scenic Painting for the Theater** ☐ ☐ ☒

Rationale: Grading will be brush, roller, spray gun, texturing, rock background, wood graining, wallpaper, masonry, scenic drops, and other scene painting techniques.

THE 5 **Theater Practicum** ☐ ☒ ☒

Rationale: Graded on acting, set construction, lighting, costuming, house management, props, and make-up depending on what role they have in the production.

THE 54 **Introduction to Stage Management** ☐ ☐ ☒

Rationale: Graded on their Master Rehearsal book, audition forms, cue sheets, prop sheets, line sets, Actor Tracking, scenic tracking, sign in sheets, script organization plus various worksheets depending on production assigned.

THE 55 **Beginning Musical Theatre I** ☐ ☐ ☒

Rationale: Grading done on acting, musical theater vocal production, dance in contemporary Musical Theatre.

THE 56 **Beginning Musical Theatre II** ☐ ☐ ☒

Rationale: Creating a course designed specifically for the development of the students abilities in musical theatre techniques for the stage. Created to develop technical skills as it relates to musical theatre performance.

THE 57 **Intermediate Musical Theatre I** ☐ ☐ ☒

Rationale: Graded on acting, movement and voice as related to pop/rock in the 50's, 60's, 70's, 80's, Contemporary Pop/Rock, Country, Bluegrass, and Hip Hop genres.

THE 58 **Intermediate Musical Theatre II** ☐ ☐ ☒

Rationale: scene study, callback technique, resume, headshot, demo reel, and website development are utilized for grading purposes.

Courses

Course Minor Modifications

M N R Discussion

Action

THE 6 **Advanced Theater Practicum** ☐ ☒ ☒

Rationale: Graded performance including units in acting, technical design and construction, lighting, costuming, house management, props and make-up.

THE 9 **Dramatic Literature-Script Analysis** ☐ ☒ ☒

Rationale: Graded on p modern theatrical movements and the fundamental techniques of script analysis, including structure, genre, style, theme, character, and language.

Course Reactivation

M N R Discussion

Action

H ADM 200 **Applied Digital Media Work Experience** ☐ ☐ ☒

Rationale: ADM-200, along with ADM-70, create capstone experiences for students who are finishing their graphic design or graphic communication degree/certificate.

Hours and units are not correct. Need to verify if MOV wants to adopt the reactivation; this may be RIV only.

Distance Education

M N R Discussion

Action

ELE 10DE **Survey of Electronics** ☐ ☒ ☐

Rationale:

ELE 810DE **Survey of Electronics** ☐ ☒ ☐

Rationale:

JOU 1DE **Introduction to Journalism** ☒ ☐ ☒

Rationale:

PAL 86DE **Tort Law and Alternative Dispute Resolution** ☐ ☐ ☒

Rationale:

New Courses

M N R Discussion

Action

H CIS 64 **Data and Technology Ethics** ☒ ☐ ☒

Rationale: This course is created to better aligned with university programs, Data Science and Cybersecurity. It also helps students learn ethical practices when using technologies, access data to better protect individual privacy and organization intellectual property for legal, compliance and professional purposes.

Many GESLOs. Has an 18 hour lab, total units calculated to 3.33 units. Holding to alert faculty to unfunded lab. This has been added to the Data Analytics, Data Science, and IT programs.

Courses

New Courses

		M	N	R	Discussion	Action
	MAN 33	Programmable Controller Troubleshooting 1		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Rationale:	Creating a new course for a new manufacturing certificate.				
H	PSF 1	Introduction to Homeland Security and Terrorism		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Rationale:	Migrating HLS courses to PSF discipline				
	PSF 101	Introduction to Emergency Management		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Rationale:	This proposal creates PSF-101 which is a cross-listed course with HLS-101.				
	PSF 2	Preparedness for Emergencies, Disasters & Homeland Security Incidents		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Rationale:	This course is the same as HLS-2 and is being created in preparation of migrating the HLS discipline to PSF.				
	PSF 3	Response to Emergencies, Disasters and Homeland Security Incidents		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Rationale:	This course is being created as part of the migration of HLS to PSF in preparation for the BSEM.				
	PSF 4	Recovery in Emergencies, Disasters and Homeland Security Incidents		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Rationale:	This course is being created as part of the migration of HLS to PSF in preparation for the launch of the BSEM.				

Programs

Program Modifications

		M	N	R	Discussion	Action
ADT						
	EAR	Elementary Teacher Education: Integrated Programs		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Rationale:	There is an updated version of the TMC (Transfer Model Curriculum) and aligning the program to the new template.				
	MAT	Mathematics 2.0		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Rationale:	Due to an updated version of the TMC (Transfer Model Curriculum) template available, this is an update to the ADT in Mathematics program to the most current version template.				

Programs

Program Modifications

M N R Discussion

Action

ADT

PHY **Physics 2.0** ☐ ☐ ☒

Rationale: Changes to the Physics ADT to match the new Transfer Model Curriculum. Under the new TMC, Physics is a high-unit major, and students are permitted to transfer up to 66 units. This allows for the addition of required math courses and a computer science course.

Certificate

H **CIS** **Data Analytics** ☒ ☐ ☐ Holding for CIS-64

Rationale: To include CIS-64, Technology and Data Ethics course into the program Electives course listing as this is an option for students to possibly receive university transferable credit and meet industry demands for knowledge in ethical practices in data, technology and AI.

Degree

H **CIS** **Data Science** ☒ ☐ ☐ Holding for CIS-64

Rationale: To include CIS-64, Technology and Data Ethics course into the program Electives course listing as this is an option for students to possibly receive university transferable credit and meet industry demands for knowledge in ethical practices in data, technology and AI.

H **CIS** **Information Technology (IT) Cybersecurity** ☒ ☐ ☐ Holding for CIS-64

Rationale: To include CIS-64, Technology and Data Ethics course into the program Electives listing as this is an option for students to possibly receive university transferable credit and meet industry demands for knowledge in ethical practices in data, technology and AI.

Degree & Certificate

ARE **Architectural Graphics** ☐ ☒ ☐

Rationale: DFT-24 has been deleted. ARE-24 will continue to be offered.

Programs

Program Modifications

M N R Discussion

Action

Degree & Certificate

ELE	Digital Electronics	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rationale:	Adding a Survey of Electronics course to the digital electronics program would provide essential foundational knowledge, improve student retention, align with industry needs, and attract a broader audience. By strengthening students' understanding of basic electronics, this course would enhance their ability to succeed in digital electronics and related fields, ultimately supporting the long-term growth of the Engineering Technology program			

Program Outline of Record – Associate Degree for Transfer (ADT)

Program Outline

Title: Elementary Teacher Education: Integrated Programs

Originator: Melissa Thompson

Date 5/15/2025

Department: Humanities, Education, Social & Behavioral Science

College/Learning Pathway/Engagement Center: Moreno Valley - Humanities, Education, Social and Behavioral Sciences Engagement Center

TOPs Code: 4901.20 Liberal Studies
Studies.

CIP Code: 24.0101 Liberal Arts and Sciences/Liberal

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.)

Type of ADT: ☒ Associate in Arts for Transfer ☐ Associate in Science for Transfer

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

***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 ADT, please specify the changes being made:

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

There is an updated version of the TMC (Transfer Model Curriculum) with Cal-GETC updating the program to the new template. Change of title, previous title: Elementary Teacher Education. Changes to C-ID course requirements on updated TMC, removed some courses and added changes to elective areas. There was total unit change.

Rationale:

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

There is an updated version of the TMC (Transfer Model Curriculum) and aligning the program to the new template.

Required Documentation:

Please submit this form and the documents outlined below to your college's Curriculum Program Coordinator 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 new and modified ADTs must include the following:

*For additional information, please see the Program and Course Approval Handbook (PCAH), the RCCD Curriculum Handbook, the Taxonomy of Programs manual, and the TOPs/CIP/SOC crosswalk.
Revised April 2025*

- ☒ Evidence of district-wide discipline communication
- ☒ College discipline minutes showing approval
- ☒ 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

Must address a valid transfer preparation purpose.

The Associate of Arts in Elementary Teacher Education: Integrated Programs for Transfer (AA-T) offers lower division coursework examining content area subject matter requirements for teaching at the elementary school level. Students will explore the core principles and practices of a liberal studies curriculum in order to build a foundation appropriate for entry into advanced study in teacher preparation. The students also have the opportunity to participate in supervised fieldwork in K-8 settings. This degree is designed to facilitate students transferring to the California State University System with an Associate Degree for Transfer in Elementary Teacher Education: Integrated Programs. With this degree, the student will be prepared to enter into a Bachelor Degree Program designed to prepare them to teach in a K-8 classroom. This option prepares students for transfer to CSU to major in either a General Track Liberal Studies Program or an Integrated Liberal Studies/Multiple Subject Teaching Credential Program.

Item 2. Catalog Description

Includes program requirements, prerequisite skills or enrollment limitations, program learning outcomes, and information relevant to program goal. The language list below is required at the end of the catalog description. Please replace the highlighted text with the language appropriate for this specific ADT. Course titles and unit values must be exact.

The Associate of Arts in Elementary Teacher Education: Integrated Programs for Transfer (AA-T) offers lower division coursework examining content area subject matter requirements for teaching at the elementary school level. Students will explore the core principles and practices of a liberal studies curriculum in order to build a foundation appropriate for entry into advanced study in teacher preparation. The students also have the opportunity to participate in supervised fieldwork in K-8 settings. This degree is designed to facilitate students transferring to the California State University System with an Associate Degree for Transfer in Elementary Teacher Education: Integrated Programs. With this degree, the student will be prepared to enter into a Bachelor Degree Program designed to prepare them to teach in a K-8 classroom. This option prepares students for transfer to CSU to major in either a General Track Liberal Studies Program or an Integrated Liberal Studies/Multiple Subject Teaching Credential Program.

Program Learning Outcomes

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

1. Demonstrate knowledge of professional standards, ethics, and professionalism in elementary education classrooms to meet the diverse needs of students.
2. Demonstrate an understanding of historical influences, current trends, theories, and educational issues in a global context.
3. Demonstrate introductory subject matter competency for the Multiple Subject.

Required Courses: 27-28 units

Course	Title	Units
EDU-1	Introduction to Elementary Classroom Teaching	4

Program Outline of Record – Associate Degree for Transfer (ADT)

COMM-C1000/ COMM-C1000H	Introduction to Public Speaking/ Introduction to Public Speaking - Honors	3
ENGL- C1000/ ENGL- C1000H	Academic Reading and Writing/ Academic Reading and Writing - Honors	4
POLS-C1000/ POLS-C1000H	American Government and Politics / American Government and Politics - Honors	3
HIS-6/HIS-6H	United States History to 1877 / Honors United States History to 1877	3
EAR-20	Child Growth and Development	3
BIO-1/ BIO-1H	General Biology/Honors General Biology	4
Select one course: 3-4 units		
HIS-1	World History to 1500	3
ENGL-1B/ ENGL-1BH	Critical Thinking and Writing/Honors Critical Thinking and Writing	4
ENGL-30	Children's Literature	3

List A: Select one: 4-7 units

Course	Title	Units
GEO-4	Earth Science for Educators	4
CHE-2A AND PHY-10	Introductory Chemistry, I AND Introduction to General Physics	4 3

List B: Select one: 3 units

Course	Title	Units
ART-6/AHS-6 or ART-6H/AHS-6H	Art Appreciation/ Honors Art Appreciation	3
MUS-19/ MUS-19H	Music Appreciation/ Honors Music Appreciation	3
THE-3	Introduction to the Theater	3

Program Outline of Record – Associate Degree for Transfer (ADT)

Recommended Courses: While the following courses are not required to complete the degree, students who are interested in transferring to California State University, San Bernardino for teaching are encouraged to take the following.

Course	Title	Units
EAR-25	Teaching in a Diverse Society	4
GEG-2	Human Geography	3
GEG-3	World Regional Geography	3
HES-1/BIO-35	Health Science	3
HIS-26	History of California	3

Total Units: 34-50

ASSOCIATE IN [ARTS] FOR TRANSFER DEGREE

The Associate in [Arts] in [Elementary Teacher Education: Integrated Programs] for Transfer degree will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the California General Education Transfer Curriculum (Cal-GETC) 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 of Record – Associate Degree for Transfer (ADT)

Program Outline

Title: Mathematics 2.0

Originator: Valerie Merrill

Date 5/13/2025

Department: STEM – Mathematics and Computer Information Systems

College/Learning Pathway/Engagement Center: Riverside - Science, Technology, Engineering, and Mathematics (STEM)

TOPs Code: 1701.00 Mathematics, General

CIP Code: 27.0101 Mathematics, General

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.)

Type of ADT: ☐ Associate in Arts for Transfer ☒ Associate in Science for Transfer

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

***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 ADT, please specify the changes being made:

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

Due to an updated version of the TMC (Transfer Model Curriculum) template available this is an update to the ADT in Mathematics program to the most current version template. There are course sequence changes, such as removal of STAT-C10000/H and PSYC/SOC-48, and a unit change.

Rationale:

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

Due to an updated version of the TMC (Transfer Model Curriculum) template available this is an update to the ADT in Mathematics program to the most current version template.

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 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: *Must address a valid transfer preparation purpose.*

The Associate in Science Degree in Mathematics 2.0 for Transfer is designed to prepare the student for transfer to institutions of higher education and specifically intended to satisfy the lower division requirements for the Baccalaureate Degree in Mathematics at a California State University (but does not guarantee acceptance to a particular campus or major). It will also provide the student with a sufficient academic basis from which to pursue a career in mathematics, statistics, actuarial sciences, and education.

Program Learning Outcomes

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

1. Reason mathematically both abstractly and computationally.
2. Create and analyze mathematical models

Item 2. Catalog Description: *Includes program requirements, prerequisite skills or enrollment limitations, program learning outcomes, and information relevant to program goal. The language list below is required at the end of the catalog description. Please replace the highlighted text with the language appropriate for this specific ADT. Course titles and unit values must be exact.*

The Associate in Science Degree in Mathematics 2.0 for Transfer is designed to prepare the student for transfer to institutions of higher education and specifically intended to satisfy the lower division requirements for the Baccalaureate Degree in Mathematics at a California State University (but does not guarantee acceptance to a particular campus or major). It will also provide the student with a sufficient academic basis from which to pursue a career in mathematics, statistics, actuarial sciences, and education.

Program Learning Outcomes

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

1. Reason mathematically both abstractly and computationally.
2. Create and analyze mathematical models

Required Courses: 19 units

Course	Title	Units
MAT-1A or 1AH and MAT -1B	Calculus I or Honors Calculus I	4
	Calculus II	4
MAT-1C	Calculus III	4
MAT-2 and MAT-3	Differential Equations	4
	Linear Algebra	3

Elective Courses: 4 units

Course	Title	Units
CIS-5 or CSC-5	Programming Concepts and Methodology I: C++	4
PHY-4A	Mechanics	4

ASSOCIATE IN SCIENCE FOR TRANSFER DEGREE

The Associate in Science in Mathematics 2.0 for Transfer degree will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the California General Education Transfer Curriculum (Cal-GETC) 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 of Record – Associate Degree for Transfer (ADT)

Program Outline

Title: Physics 2.0

Originator: Brock Russell

Date 8/11/2025

Department: Physical Science

College/Learning Pathway/Engagement Center: Riverside - Science, Technology, Engineering,
and Mathematics (STEM)

TOPs Code: 1902.00 – Physics, General

CIP Code:

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.)

Type of ADT: ☐ Associate in Arts for Transfer

☒ Associate in Science for Transfer

This is a: ☐ New ADT*

☒ Modification to an existing ADT

***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 ADT, please specify the changes being made:

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

This is a new version of the Physics ADT, required due to significant changes to the TMC.

Rationale:

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

Changes to the Physics ADT to match the new Transfer Model Curriculum. Under the new TMC, Physics is a high-unit major, and students are permitted to transfer up to 66 units. This allows for the addition of required math courses and a computer science course.

Required Documentation:

Please submit this form and the documents outlined below to your college's Curriculum Program Coordinator 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 new and modified ADTs must include the following:

☒ Evidence of district-wide discipline communication

☒ College discipline minutes showing approval

☒ 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

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

- 1. Apply appropriate physical laws and mathematical techniques to analyze various physical situations*
- 2. Perform various scientific experiments and to analyze data to check agreement with theoretical predictions*

Item 2. Catalog Description

The Associate in Science in Physics for Transfer degree provides a foundation in physics and mathematics for students planning to transfer into a baccalaureate program in Physics. Successful completion of the transfer degree in Physics guarantees student acceptance to a local California State University to pursue a baccalaureate degree in Physics.

Required Courses: 33 units

Course	Title	Units
PHY-4A	Mechanics	5
PHY-4B	Electricity and Magnetism	5
PHY-4C	Light, Optics, and Modern Physics	4
MAT-1A/1AH	Calculus I/Honors Calculus I	4
MAT-1B	Calculus II	4
MAT-1C	Calculus III	4
MAT-2	Differential Equations	4
MAT-3	Linear Algebra	3

Elective Courses: 3 units

Course	Title	Units
CIS-5/CSC-5	Programming Concepts and Methodology I:C++	4
CIS-30A	Introduction to Python Programming	3

ASSOCIATE IN SCIENCE FOR TRANSFER DEGREE

The Associate in Science in Physics for Transfer degree will be awarded upon completion of 60 California State University (CSU) transferable units including the above major requirements and the California General Education Transfer Curriculum (Cal-GETC) 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 of Record – Credit Degrees and Certificates

Program Outline

Title: Data Analytics

Originator: Kasey Nguyen

Date 5/27/2025

Department:

STEM-Mathematics and Computer Information Systems

College/Learning Pathway/Engagement Center: Moreno Valley - Science, Technology,
Engineering and Math 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: 0706.00

CIP Code: 30.7101

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.)

- Adding new course CIS -64 to Elective Courses.
- Total units remain the same: 33 units.

Rationale:

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

To include CIS-64, Technology and Data Ethics course into the program Electives course listing as this is an option for students to possibly receive university transferable credit and meet industry demands for knowledge in ethical practices in data, technology and AI.

Required Documentation

Program Outline of Record – Credit Degrees and Certificates

Please submit this form and the documents outlined below to your college's Curriculum Program Coordinator 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
- ☒ College discipline minutes showing approval
- ☒ 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

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.

Item 3. Program Requirements

- ♦ Program Requirement: Before entering this program, students must complete MAT-10 or qualifying placement level in mathematics to be successful in courses in the program.

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-61/ CSC-61	Introduction to Database Theory	3	Semester 1
CIS-30A or	Introduction to Python Programming or	3	Semester 1

Program Outline of Record – Credit Degrees and Certificates

CSC-8	Programming Concepts: Python		
MAT-70B	Statistics for STEM	4	Semester 2
MAT-1A Or MAT-1AH	Calculus I/Honors Calculus I	4	Semester 2
CIS-63/ CSC-63	Introduction to Structured Query Language	3	Semester 3
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	Introduction to Machine Learning	3	Semester 3
CIS-68B	Big Data Fundamentals	3	Semester 3
CIS-2/ CSC-2	Fundamentals of Systems Analysis	3	Semester 3
CIS-20/ CSC-20	Systems Analysis and Design	3	Semester 3
CIS-64	Technology and Data Ethics	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-64: 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 2026

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: Kasey Nguyen

Date 5/27/2025

Department: STEM-Mathematics and Computer Information Systems

College/Learning Pathway/Engagement Center: Moreno Valley - Science, Technology, Engineering and Math 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: 0706.00

CIP Code: 30.7001

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.)

- Adding new course CIS -64 to Elective Courses.
- Total units remain the same: 40 units.

Rationale:

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

To include CIS-64, Technology and Data Ethics course into the program Electives course listing as this is an option for students to possibly receive university transferable credit and meet industry demands for knowledge in ethical practices in data, technology and AI.

Required Documentation

Please submit this form and the documents outlined below to your college's Curriculum Program Coordinator 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
- ☒ College discipline minutes showing approval
- ☒ 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, students must complete MAT-10 or qualifying placement level in mathematics to be successful in courses in the program.

Item 3. Program Requirements

Program Requirement: Before entering this program, student must complete MAT-10 or qualifying placement level in mathematics to be successful in courses in the program.

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-61/ CSC-61	Introduction to Database Theory	3	Semester 1
CIS-30A or CSC-8	Introduction to Python Programming or Programming Concepts: Python	3	Semester 2

Program Narrative

MAT-70B	Statistics for STEM	4	Semester 2
MAT-1A/ or MAT-1AH	Calculus I/Honors Calculus I	4	Semester 2
CIS-63/ CSC-63	Introduction to Structured Query Language (SQL)	3	Semester 3
MAT-1B	Calculus II	4	Semester 3
CIS-30E	Advanced Python Programming	3	Semester 4
MAT-1C	Calculus III	4	Semester 4
MAT-3	Linear Algebra	3	Semester 4

Elective Courses: 3 units

Course	Title	Units	Sequencing
CIS-68A	Introduction to Machine Learning	3	Semester 3
CIS-68B	Big Data Fundamentals	3	Semester 3
CIS-2/CSC-2	Fundamentals of Systems Analysis	3	Semester 4
CIS-20/CSC-20	Systems Analysis and Design	3	Semester 4
CIS-64	Technology and Data Ethics	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 Major Units	40	Maximum Major Units	40
Double Counted Units	3	Double Counted Units	3
Local GE Required Units	24	CSUGE Required Units	34
Electives	0	Electives	0
Total Minimum Degree Units	61	Total Maximum Degree Units	71

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-20B: 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
- CIS-64: 49 students

This program is expected to have 50 to 100 students by Fall 2026

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 Science 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 degree can be used toward associate degree for Data Science at UC and CSU.

Program Outline

Title: Information Technology (IT) Cybersecurity

Originator: Kasey Nguyen

Date 5/27/2025

Department: MCIS

**College/Learning Pathway/Engagement Center: Moreno Valley - Science, Technology,
Engineering and Math 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: 0708.00

CIP Code: 51.0723

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.)

Added new course as an elective option: CIS- 64 Technology and Data Ethics 3 units. No change to the program total units.

Rationale:

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

To include CIS-64, Technology and Data Ethics course into the program Electives listing as this is an option for students to possibly receive university transferable credit and meet industry demands for knowledge in ethical practices in data, technology and AI.

Required Documentation

Please submit this form and the documents outlined below to your college's Curriculum Program Coordinator 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
- ☒ College discipline minutes showing approval
- ☒ 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

The goal of this program is to increase diversity in the technical workforce while providing students a transfer pathway to a university, such as California State San Bernardino, in which students can further pursue their education and training in cybersecurity.

PROGRAM LEARNING OUTCOMES:

- Upon successful completion of this program, students should be able to:
- Apply security principles and countermeasures to protect information systems against threats.
- Evaluate technical issues and derive solutions to address security gaps.
- Plan, design and implement security controls to reduce risks in information systems.

Item 2. Catalog Description

Associate of Science in Information Technology (IT) Cybersecurity prepares students for IT and cybersecurity workforce. The program coursework includes hands-on practices in system support, networking, security implementation. Students will learn to troubleshoot systems, plan, design and derive viable security controls and solutions to address network and system security gaps.

PROGRAM LEARNING OUTCOMES:

- Upon successful completion of this program, students should be able to:
- Apply security principles and countermeasures to protect information systems against threats.
- Evaluate technical issues and derive solutions to address security gaps.
- Plan, design and implement security controls to reduce risks in information systems.

Item 3. Program Requirements

Required Courses: 26 units

Course	Title	Units	Sequencing
CIS-1A	Introduction to Computer Information Systems	3	Semester 1, Fall
CIS-25	Information and Communication Technology Essentials	4	Semester 1, Fall
CIS-27	Information and Network Security	3	Semester 1, Fall
CIS-40A	Computer Network Fundamentals	3	Semester 2, Spring
CIS-40B	Network Routing & Switching Essentials	3	Semester 2, Spring
CIS-40D	Systems and Network Administration	3	Semester 3, Fall
CIS-41A	Principles of Cybersecurity Analysis	3	Semester 2, Spring
STAT-C1000/ STAT-C1000H	Introduction to Statistics / Introduction to Statistics-Honors	4	Semester 1, Fall

Program Outline of Record – Credit Degrees and Certificates

Elective Courses: 6 units

Course	Title	Units	Sequencing
BUS-24	Business Communications	3	Semester 2, Spring
CIS-30A	Introduction to Python Programming	3	Semester 2, Spring
CIS-30C	Python Programming in Cybersecurity	3	Semester 3, Fall
CIS-40C	Installing, Configuring and Administering Microsoft Operating Systems	3	Semester 3, Fall
CIS-21	Introduction to Operating Systems	3	Semester 3, Fall
CIS-27A	Computer Forensics Fundamentals	3	Semester 3, Fall
CIS-27B	Introduction to Cybersecurity: Ethical Hacking	3	Semester 3, Fall
CIS-61	Introduction to Database Theory	3	Semester 3, Fall
CIS-64	Technology and Data Ethics	3	Semester 3, Fall

Total Program Units: 32

The **Associate of Science Degree in Information Technology (IT) Cybersecurity** 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 Major Units	32	Maximum Major Units	32
Double Counted Units	3	Double Counted Units	3
Local GE Required Units	24	CSUGE Required Units	34
Electives	7	Electives	0
Total Minimum Degree Units	60	Total Maximum Degree Units	63

Item 4. Master Planning

This associate degree program aims to 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 Computer Information Systems discipline, aligning with Guided Pathway to support student in building their careers in the IT industry. The growth of the program will also address to need to improve special populations in STEM and IT, such as potentially increasing the population of female, Hispanic, African American 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

This program is expected to have 50 to 100 students by Fall 2026

Required courses:

CIS-1A 49 students

CIS-25	49 students
CIS-27	49 students
CIS-40A	49 students
CIS-40B	49 students
CIS-40D	49 students
CIS-41A	49 students
MAT-12	50 students

Elective Courses:

BUS-24	49 students
CIS-30A	49 students
CIS-30C	49 students
CIS-40C	49 students
CIS-21	49 students
CIS-27A	49 students
CIS-27B	49 students
CIS-61	49 students
CIS-64	49 students

Item 6. Place of Program in Curriculum/Similar Programs

Within the Riverside Community College district, Riverside City College offers similar Associate Degree, but many of the courses in this program are only available at Moreno Valley College. Required and elective courses in this program are actively available at Moreno Valley College and Riverside City College.

Item 7. Similar Programs at Other Colleges in Service Area

Riverside City College currently offers a similar associate degree program with emphasis in cyber defense. This program addresses IT security, which entails system administration security measures and infrastructure protection practices. The program is aligned with C-ID IT Cybersecurity Model Curriculum recommendation, which aims to provide students with an opportunity to transfer to CSUSB upon completion of this program.

Item 8. Transfer Preparation Information (if applicable)

Courses in this program are aligned to C-ID IT Cybersecurity Model Curriculum along with CSUSB Cybersecurity undergraduate coursework.

Program Outline

Title: Architectural Graphics (update certificate)

Originator: Farshid Mirzaei

Date 5/29/2025

Department: Applied Technology and Apprenticeship

College/Learning Pathway/Engagement Center: Norco - School of Science, Technology,
Engineering & 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: 0953.10

CIP Code: 15.1303

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.)

DFT-24 is deleted (ARE-24 stays as is)

Rationale:

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

Reduce the cross-list courses. No change in the total units.

Required Documentation

Please submit this form and the documents outlined below to your college's Curriculum Program Coordinator 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
- ☐ College discipline minutes showing approval
- ☒ 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

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

1. *Complete a set of residential working drawings, which may include first floor drawings, second floor drawings, foundation drawings, elevations, cross-sections, framing, electrical drawings, and structural detail.*
2. *Demonstrate an ability to apply and integrate computer technology into the design process to achieve a desired result.*

Item 2. Catalog Description

The Architectural Graphics program prepares students with technical communication skills, and the knowledge and craft of two-dimensional drafting solutions for architecturally related industry applications. Students learn to present graphic solutions, provide design refinements, modifications, and delineations of working technical drawings using current Computer-Aided Drafting CAD methods and techniques with an understanding of industry standards. Program completers are able to secure drafting technician positions in areas related to architecture, environmental design, and to assist in the development of architectural construction documents for light frame structures, under the supervision of a professional.

Item 3. Program Requirements

All requirements stay as they are. Only Cross-list course DFT-24 is eliminated. Total units stay as they are 27 units.

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

Required Courses: 21 units

Course	Title	Units	Sequencing
DFT/ENE21	Drafting	3	Semester 1, Fall
DFT/ENE27	Technical Communications	3	Semester 1, Fall
CON62	Blueprint Reading for Construction	3	Semester 1, Fall
ARE24	Revit I-Architectural Drafting	3	Semester 1, Fall
ARE25	Revit II-Advanced Architectural Drafting	3	Semester 2, Spring
DFT/ENE30	Computer Aided Drafting	3	Semester 2, Spring
ARE37	Architectural Design	3	Semester 2, Spring

Plus, an additional 6 units from the following elective courses:

Course	Title	Units	Sequencing
ARE35	History of Architecture-Beginnings through Gothic	3	Semester 1, Fall
ARE36	History of Architecture: Renaissance to Modern	3	Semester 2, Spring
CON60	Introduction to Construction	3	Semester 1, Fall
CON74	Construction Estimating	3	Semester 2, Spring

Total Program Units: 27 units

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.

Item 5. Enrollment and Completer Projections

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

Item 6. Place of Program in Curriculum/Similar Programs

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

Item 7. Similar Programs at Other Colleges in Service Area

Justification of need for certificate/degree in the region.

Item 8. Transfer Preparation Information (if applicable)

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

Program Outline of Record – Credit Degrees and Certificates

Program Outline

Title: Digital Electronic

Originator: Khosrow Rad

Date 3/10/2025

Department: AT&T/Electronic

College/Learning Pathway/Engagement Center: Choose an item.

☐ 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: 0934.00

CIP Code:

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.)

Adding ELE-10: Survey of Electronics

- Demonstrate quantitative measurement of electrical circuit parameters; assemble and test both direct-current and alternating-current series, parallel, and series-parallel circuits.
- Conduct direct circuit analysis and measurement
- Describe the principles of alternating current circuits, components, and circuit measurements.
- Use the functions of resistors, switches, light bulbs, capacitors, and inductors in actual circuits.
- Analyze DC and AC in transient and resonant circuits; analyze circuits using Ohm's Law, Kirchhoff's Laws, and network theorems.
- Demonstrate the operation of electronic lab equipment to test components and circuits by properly connecting and operating the following standard test equipment: power supplies, function generators, ammeters, voltmeters, ohmmeters, analog and digital multimeters, oscilloscopes, and bridges.

Rationale:

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

1. Providing a Strong Foundation for Digital Electronics

Many students entering digital electronics courses may not have prior experience with fundamental electrical and electronic concepts. A **Survey of Electronics** course can serve as an introductory class, ensuring that students develop a basic understanding of voltage, current, resistance, circuit components, and troubleshooting techniques before diving into complex digital concepts.

2. Bridging the Gap Between Theory and Application

Digital electronics relies on a strong grasp of electrical principles. Without a foundational understanding of analog electronics—such as power supplies, transistor operation, and signal behavior—students may struggle with concepts like logic levels, noise interference, and interfacing with real-world circuits. This course would act as a bridge between basic electrical principles and digital logic systems.

3. Supporting Student Success and Retention

One of the challenges in Engineering Technology education is **student persistence**. Many students drop out of digital electronics courses due to difficulty grasping foundational electrical concepts. By offering a **Survey of Electronics** as a preparatory course, students will be better equipped to succeed in advanced courses, reducing failure rates and improving retention.

4. Expanding Course Accessibility for a Diverse Student Population

A **Survey of Electronics** course could attract students from various backgrounds, including those with no prior electronics experience, hobbyists, and individuals transitioning from other fields. This broad appeal can **increase enrollment numbers** and serve as a feeder course for more advanced digital and microprocessor courses.

5. Aligning with Industry and Workforce Needs

Modern technicians and engineers often work with a combination of analog and digital systems. A **Survey of Electronics** course ensures that students are not only proficient in digital logic but also understand the fundamentals of analog electronics, power systems, and circuit diagnostics—skills that are highly valuable in **embedded systems, automation, and IoT** industries.

6. Enhancing Transfer and Certification Opportunities

Many universities and technical programs include introductory electronics courses in their engineering curricula. Offering a **Survey of Electronics** course will improve articulation with transfer institutions and could align with industry-recognized certifications, making students more competitive in the job market.

7. Increasing Enrollment and Strengthening the Engineering Technology Program

With Engineering Technology courses facing **low enrollment and persistence issues**, adding a **Survey of Electronics** course could serve as an entry point for students who are curious about electronics but hesitant to enroll in more advanced courses. This course can provide a **non-intimidating introduction**, sparking interest and increasing the likelihood that students continue into digital electronics and microprocessors.

Conclusion

Adding a **Survey of Electronics** course to the digital electronics program would provide essential foundational knowledge, improve student retention, align with industry needs, and attract a broader audience. By strengthening students' understanding of basic electronics, this course would enhance their ability to succeed in digital electronics and related fields, ultimately supporting the long-term growth of the Engineering Technology program

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

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.

Item 2. Catalog Description

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

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: 27 ___ units

Course	Title	Units	Sequencing
ELE 10	Survey of Electronics	4	Fall 1,
ELE 11 or ELC 11	DC Electronics	4	Spring 1
ELE 13 Or ELC 13	AC Electronics	4	Spring 1
ELE 25	Digital Techniques	4	Spring 1
ELE 23	Electronic Devices and Circuits	4	Summer 1
ELE 26	Microcontrollers	3	Winter 1
ELE 28	MultiSim CAD & PCB Design/Fab	4	Fall 2

Elective Courses: 3 ___ units

Course	Title	Units	Sequencing
ELE 27	Technical Communications	3	Spring 2
ELE 64	Programmable Logic Controllers	3	Spring 2
ELE 75 Or ELC 75	Solid State Devices Lighting Controls	4	Fall 2

Total Program Units: 30 ___ units

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.

Considering the mission of the college the Digital Electronic certificate serves the college well by creating more opportunities for student success such as “application of emerging technologies” technologies that the community desperately needs so that students can get a head start on their careers. These certificates “provide foundational skills and pathways to technical educational certificates.”

Further, in the years to come, we will develop apprenticeships in the two programs which will meet objective 6.1 “expand access to registered apprenticeships, work experience classes and work-based learning opportunities” and Goal 8 “become the regional college of choice by offering a comprehensive range of programs that prepare students for the future and meet employer workforce needs.”

Item 5. Enrollment and Completer Projections

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

Norco College offers a **Digital Electronics Certificate and Associate of Science (A.S.) Degree** designed to prepare students for careers in the digital electronics industry. [Norco college](https://www.norco.edu/)

Current Enrollment and Completion Trends: Specific data on the number of students currently enrolled in or completing the Digital Electronics program at Norco College is not publicly available.

Digital Electronics Program Projections

	Year	Projected Enrollment	Certificate C
1	1	40	26
2	2	44	28
3	3	48	31
4	4	53	34
5	5	58	37

Item 6. Place of Program in Curriculum/Similar Programs

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

The digitally/electronically focused certificate or degree is a strategic addition to the college's existing inventory. It enhances program offerings, meets workforce demands, utilizes current resources, and aligns with institutional goals. By adopting this program, the college will better serve students and the community, ensuring graduates are well-prepared for the evolving digital landscape.

Item 7. Similar Programs at Other Colleges in Service Area

Justification of need for certificate/degree in the region.

Graduates of a digital electronics certificate or degree program would have access to a variety of career paths, including:

- Electronics Technician
- Embedded Systems Developer
- PLC Programmer

- Test Engineer
- Field Service Technician
- IoT Specialist

By establishing a strong digital electronics program, the institution can support regional workforce needs, provide valuable career pathways for students, and enhance its reputation as a leader in technical education.

Item 8. Transfer Preparation Information (if applicable)

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

The courses in this proposal are transferable as listed below.

<i>Course</i>	<i>Title</i>	<i>Units</i>	<i>Transferable to</i>
<i>ELE 10</i>	<i>Survey of Electronics</i>	<i>4</i>	<i>CSU</i>
<i>ELE 11/ELC11</i>	<i>DC Electronics</i>	<i>4</i>	<i>CSU</i>
<i>ELE 13/ELC 13</i>	<i>AC Electronics</i>	<i>4</i>	<i>CSU</i>
<i>ELE 25</i>	<i>Digital Techniques</i>	<i>4</i>	<i>CSU</i>
<i>ELE 23</i>	<i>Electronic Devices and Circuits</i>	<i>4</i>	<i>CSU</i>
<i>ELE 26</i>	<i>Microcontrollers</i>	<i>3</i>	<i>CSU</i>
<i>ELE 26</i>	<i>MultiSim CAD & PCB Design/Fab</i>	<i>4</i>	<i>CSU</i>