RCCD | **RIVERSIDE COMMUNITY COLLEGE DISTRICT**

MORENO VALLEY COLLEGE | NORCO COLLEGE | RIVERSIDE CITY COLLEGE

District Technical Review Committee
Meeting Agenda

Tuesday, June 3, 2025	**2:30-4:00pm**	**CAADO 209/Zoom**

Committee Members	Guests
☐ Steven Schmidt (Chair, MUS)	☐ Lijuan Zhai (AVC ES&IE, RCCD)
☐ Eric Bishop (Co-Chair, Int. VC Ed. Services)	☐ Bryan Medina (CPRO, RCCD)
☐ Kelly Douglass (ENG, RCC)	☐ Nicole Banerjee (AO, RCC)
☐ Brian Johnson (MAT, NOR)	☐ Nick Franco (AO, NOR)
☐ Nick Sinigaglia (PHI, MVC)	☐ Deanna Murrell (AO, MVC)
	☐ Sabina Fernandez (CPRO, MVC)
	☐ Casandra Greene (CPRO, RCC)
	☐ Nicole Brown (CPRO, NOR)
Additional Guests:	

Zoom Information
https://rccd-edu.zoom.us/j/86555446612?pwd=R0dDakVkSzNZQitZZEN0Zm1TTlYvQT09
+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 – May 20, 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. ESL-C1000 Process – Kelly Douglass
2. Open Forum
3. Public Comment for all items on or not otherwise on the agenda.

Adjournment:

Technical Review - Curriculum Proposals
Proposals for Review for 06/03/2025

Courses

Course Deletions

			M	N	R	Notes
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.

			M	N	R	Notes
H	HLS 51	Leading Others Ethically	☑	☐	☐	
H	HLS 52	Ethical Leadership in Organizations	☑	☐	☐	
H	HLS 53	Ethics and the Challenge of Leadership	☑	☐	☐	

Course Exclusions

			M	N	R	Notes
	HIS 11	Military History of the United States to 1900	☑	☐	☐	
	HIS 12	Military History of the US Since 1900	☑	☐	☐	
	HIS 35	History of Britain	☑	☐	☐	
H	HUM 4H	Honors Arts and Ideas: Ancient World Through the Late Medieval Period	☑	☐	☐	

Holding for History and Philosophy ADT.

			M	N	R	Notes
H	HUM 5H	Honors Arts and Ideas: The Renaissance through the Modern Era	☑	☐	☐	

Holding for History and Philosophy ADT.

			M	N	R	Notes
	MAT 26	Math for Elementary School Teachers	☑	☐	☐	
H	MUS 1	Teaching Music to Young Children	☑	☐	☐	

In MOV Early Childhood Education degree

			M	N	R	Notes
H	MUS 38	Beginning Applied Music I	☑	☐	☐	

In Moreno Valley Music AA; faculty are working on discontinuing the program

			M	N	R	Notes
H	MUS 78	Beginning Applied Music II	☑	☐	☐	

In Moreno Valley Music AA; faculty are working on discontinuing the program

Course Inclusions

			M	N	R	Notes
	ACC 19	Volunteer Income Tax Assistance Training	☐	☑	☐	
	ACC 19L	Volunteer Income Tax Assistance Tax Preparation	☐	☑	☐	
	ACC 819	Volunteer Income Tax Assistance Training	☐	☑	☐	
	ACC 819L	Volunteer Income Tax Assistance Tax Preparation	☐	☑	☐	

Courses

Course Major Modifications

			M	N	R	Notes
CIS 38B		Simulation and Gaming/3D Animation for Real-Time Interactive Simulations	☑	☐	☐	
CIS 38C		Simulation and Gaming/3D Dynamics and Rendering for Real-Time Interactive Simulations	☑	☐	☐	
H	HLS 1	Introduction to Homeland Security and Terrorism	☑	☐	☐	

Holding for PSF-1. Large number of SLOs that appear to be objectives.

			M	N	R	Notes
SPA 1		Spanish 1	☑	☑	☑	
SPA 2		Spanish 2	☑	☑	☑	

Course Minor Modifications

		M	N	R	Notes
BUS 10	Introduction to Business	☑	☑	☑	
CAT 845	MOSPrep: Microsoft Office Outlook Core Exam Preparation	☑	☐	☑	

Course Reactivation

			M	N	R	Notes
H	ADM 200	Applied Digital Media Work Experience	☑	☐	☑	

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
COMM 9DE	Interpersonal Communication	☑	☑	☑	
COMM 9HDE	Interpersonal Communication	☑	☑	☑	

New Courses

		M	N	R	Notes
CIS 64	Data and Technology Ethics	☑	☐	☑	
PSF 1	Introduction to Homeland Security and Terrorism	☑	☐	☐	

Programs

Program Discontinuance

Certificate

		M	N	R	Notes
CAT	Legal Administrative Professional	☐	☐	☑	
COS	Esthetician	☐	☐	☑	
EST	Building Inspection Technology	☐	☐	☑	

Programs

Program Discontinuance

			M	N	R	Notes
Certificate						
EST	Zero Net Energy		☐	☐	☑	
Degree						
AIR	Building Energy Systems Professional in HVAC Technology		☐	☐	☑	
MUS	Music		☑	☐	☐	
Degree & Certificate						
COS	Cosmetology		☐	☐	☑	
GAM	Game Art: Character Modeling		☐	☑	☐	
GAM	Game Art: Environments and Vehicles		☐	☑	☐	

Program Modifications

			M	N	R	Notes
ADT						
H EAR	Elementary Teacher Education: Integrated Programs		☐	☐	☑	
	Technical issues with documentation. Questions regarding List C requirements. Bryan has been in contact with faculty and is awaiting updated documentation.					
HIS	History		☑	☐	☐	
PHI	Philosophy		☑	☐	☐	
PHY	Physics 2.0		☑	☐	☐	
PHY	Physics 2.0		☐	☑	☐	
Certificate						
CIS	Data Analytics		☑	☐	☐	
Degree						
CIS	Data Science		☑	☐	☐	
CIS	Information Technology (IT) Cybersecurity		☑	☐	☐	

Technical Review - Curriculum Proposals

Proposals for Review for 06/03/2025

Courses

Course Deletions

		M N R	Discussion	Action
H	**HLS 50** **Developing a Personal Philosophy of Leadership and Ethics** 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.	☑ ☐ ☐	No attachments; Courses are a part of the Emergency Management and Homeland Security - Leadership program.	
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.	☑ ☐ ☐		
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.	☑ ☐ ☐		

Course Exclusions

		M N R	Discussion	Action
	HIS 11 **Military History of the United States to 1900** Rationale: MVC has not offered the course for several semesters after declining student interest. We have expanded our course offerings into other historical fields/topics.	☑ ☐ ☐		

Technical Review Proposals for 06/03/2025
Proposals marked with a red "H" were held at a previous Tech Review meeting.
Documents in the Programs section without an underline have not yet been received by the Tech Review Committee.

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Courses

Course Exclusions   M N R   Discussion   Action

HIS 12	**Military History of the US Since 1900**	☑ ☐ ☐		
Rationale:	MVC has not offered the course for several semesters after declining student interest. We have expanded our course offerings into other historical fields/topics.			

HIS 35	**History of Britain**	☑ ☐ ☐		
Rationale:	MVC has not offered the course for several semesters after declining student interest and the faculty retirement. We have expanded our course offerings into other historical fields/topics.			

H   **HUM 4H**   **Honors Arts and Ideas: Ancient World Through the Late Medieval Period**   ☑ ☐ ☐   Holding for History and Philosophy ADT.

Rationale: Neither course has been offered at MVC in several years and MVC Honors has no plans to offer them in the foreseeable future. (HUM 10H: Honors World Religions will remain in the catalog as a regular honors offering in the discipline.) MVC has no full-time faculty member in the discipline, so the department member with the secondary FSA is launching the proposal. MVC Honors has voted in favor of the exclusions, minutes attached.

H   **HUM 5H**   **Honors Arts and Ideas: The Renaissance through the Modern Era**   ☑ ☐ ☐   Holding for History and Philosophy ADT.

Rationale: Neither course has been offered at MVC in several years and MVC Honors has no plans to offer them in the foreseeable future. (HUM 10H: Honors World Religions will remain in the catalog as a regular honors offering in the discipline.) MVC has no full-time faculty member in the discipline, so the department member with the secondary FSA is launching the proposal. MVC Honors has voted in favor of the exclusions, minutes attached.

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.			

Technical Review Proposals for 06/03/2025
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Courses

Course Exclusions

			M N R	Discussion	Action

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.

H   **MUS 38**   **Beginning Applied Music I**   ☑ ☐ ☐   In Moreno Valley Music AA; faculty are working on discontinuing the program

Rationale: This course duplicates the function of the requisite applied lesson course—MUS 87 (in fulfillment of the ADT requirement). While this course does provide students with the benefit of 2 additional hours of applied lessons, it comes at the cost of: increased unit count (2 units instead of the 1 unit required for MUS 87) and a doubled lab time requirement (108 hours required for MUS 38 verses the 54 hours required for MUS 87). The benefits from this small amount of added lesson time do not outweigh the costs incurred by both the students and the college. Therefore, it is the recommendation of the Music faculty at MVC to exclude this course from the catalog.

H   **MUS 78**   **Beginning Applied Music II**   ☑ ☐ ☐   In Moreno Valley Music AA; faculty are working on discontinuing the program

Rationale: This course duplicates the function of the requisite applied lesson course—MUS 87 (in fulfillment of the ADT requirement). While this course does provide students with the benefit of 2 additional hours of applied lessons, it comes at the cost of: increased unit count (2 units instead of the 1 unit required for MUS 87) and a doubled lab time requirement (108 hours required for MUS 78 verses the 54 hours required for MUS 87). The benefits from this small amount of added lesson time do not outweigh the costs incurred by both the students and the college. Therefore, it is the recommendation of the Music faculty at MVC to exclude MUS-78 from the catalog.

Technical Review Proposals for 06/03/2025
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Courses

Course Inclusions

		M N R	Discussion	Action

ACC 19 — **Volunteer Income Tax Assistance Training**   ☐ ☑ ☐

Rationale: By introducing this course, Norco College could provide training and hands-on experience to our students, allowing them to earn college credit while volunteering at the Volunteer Income Tax Assistance (VITA) site. This would also help us become more self-sufficient, reducing our reliance on Community Action Partners (CAP) Riverside for training and volunteers.

ACC 19L — **Volunteer Income Tax Assistance Tax Preparation**   ☐ ☑ ☐

Rationale: By introducing this course, Norco College could provide training and hands-on experience to our students, allowing them to earn college credit while volunteering at the Volunteer Income Tax Assistance (VITA) site. This would also help us become more self-sufficient, reducing our reliance on Community Action Partners (CAP) Riverside for training and volunteers.

ACC 819 — **Volunteer Income Tax Assistance Training**   ☐ ☑ ☐

Rationale: By introducing this course, Norco College could provide training and hands-on experience to our students, allowing them to earn college credit while volunteering at the Volunteer Income Tax Assistance (VITA) site. This would also help us become more self-sufficient, reducing our reliance on Community Action Partners (CAP) Riverside for training and volunteers.

ACC 819L — **Volunteer Income Tax Assistance Tax Preparation**   ☐ ☑ ☐

Rationale: By introducing this course, Norco College could provide training and hands-on experience to our students, allowing them to earn college credit while volunteering at the Volunteer Income Tax Assistance (VITA) site. This would also help us become more self-sufficient, reducing our reliance on Community Action Partners (CAP) Riverside for training and volunteers.

Course Major Modifications

		M N R	Discussion	Action

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

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.

Technical Review Proposals for 06/03/2025
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Courses

Course Major Modifications

		M	N	R	Discussion	Action
CIS 38C	**Simulation and Gaming/3D Dynamics and Rendering for Real-Time Interactive Simulations**	☑	☐	☐		
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.					
H **HLS 1**	**Introduction to Homeland Security and Terrorism**	☑	☐	☐	Holding for PSF-1. Large number of SLOs that appear to be objectives.	
Rationale:	Added cross-listing to PSF-1 and updated book.					
SPA 1	**Spanish 1**	☑	☑	☑		
Rationale:	Remove reference to SPA-1H in course description					
SPA 2	**Spanish 2**	☑	☑	☑		
Rationale:	Remove reference to SPA-1H in requisite					

Course Minor Modifications

		M	N	R	Discussion	Action
BUS 10	**Introduction to Business**	☑	☑	☑		
Rationale:	Textbook Update					
CAT 845	**MOSPrep: Microsoft Office Outlook Core Exam Preparation**	☑	☐	☑		
Rationale:	CTE two-year review completed. Textbook removed. Free web-based material available. GMetrix training software access provided to students free of charge.					

Course Reactivation

		M	N	R	Discussion	Action
H **ADM 200**	**Applied Digital Media Work Experience**	☑	☐	☑	Hours and units are not correct. Need to verify if MOV wants to adopt the reactivation; this may be RIV only.	
Rationale:	ADM-200, along with ADM-70, create capstone experiences for students who are finishing their graphic design or graphic communication degree/certificate.					

Distance Education

		M	N	R	Discussion	Action
COMM 9DE	**Interpersonal Communication**	☑	☑	☑		
Rationale:						
COMM 9HDE	**Interpersonal Communication**	☑	☑	☑		
Rationale:						

Technical Review Proposals for 06/03/2025
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Courses

New Courses		M N R	Discussion	Action

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.

PSF 1 **Introduction to Homeland Security and Terrorism** ☑ ☐ ☐

Rationale: Migrating HLS courses to PSF discipline

Programs

Program Discontinuance		M N R	Discussion	Action

Certificate

CAT **Legal Administrative Professional** ☐ ☐ ☑

Rationale: This program has seen a decline in enrollment. Courses were offered consistently, but had to be canceled due to low enrollment. Current labor market data also shows a decline in the demand for this program. Law offices are more likely to hire paralegals, and so students can choose to pursue the Paralegal program offered by RCC.

COS **Esthetician** ☐ ☐ ☑

Rationale: This program is being discontinued as it is out of compliance with regulatory requirements. Students have transitioned to a different program, Esthetician Concepts.

EST **Building Inspection Technology** ☐ ☐ ☑

Rationale: There are insufficient resources to realistically support the Program at a sufficient level of quality and the Program has experienced consistently low enrollment

EST **Zero Net Energy** ☐ ☐ ☑

Rationale: There are insufficient resources to realistically support the Program at a sufficient level of quality and the Program has experienced consistently low enrollment.

Degree

AIR **Building Energy Systems Professional in HVAC Technology** ☐ ☐ ☑

Rationale: There are insufficient resources to realistically support the Program at a sufficient level of quality and the Program has experienced consistently low enrollment.

Technical Review Proposals for 06/03/2025
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Programs

Program Discontinuance	M N R	Discussion	Action

Degree

		M N R	Discussion	Action
MUS	**Music**	☑ ☐ ☐		
Rationale:	Having both an AA and an ADT in Music was confusing for students and faculty. Because the ADT in Music is more practical and more easily navigable for students, maintaining two Music degrees is not necessary.			

Degree & Certificate

		M N R	Discussion	Action
COS	**Cosmetology**	☐ ☐ ☑		
Rationale:	This program is being discontinued as it is out of compliance with State requirements. Students have been transitioned to a different program, Cosmetology Concepts.			
GAM	**Game Art: Character Modeling**	☐ ☑ ☐		
Rationale:	Several Game Art programs were modified to reflect changes in the game art industry. Any students working toward this certificate have been directed to those programs.			
GAM	**Game Art: Environments and Vehicles**	☐ ☑ ☐		
Rationale:	Several Game Art programs were modified to reflect changes in the game art industry. Any students working toward this certificate have been directed to those programs.			

Program Modifications	M N R	Discussion	Action

ADT

		M N R	Discussion	Action
H **EAR**	**Elementary Teacher Education: Integrated Programs**	☐ ☐ ☑	Technical issues with documentation. Questions regarding List C requirements. Bryan has been in contact with faculty and is awaiting updated documentation.	
Rationale:	Aligning with the updated TMC.			
HIS	**History**	☑ ☐ ☐		
Rationale:	Program modification required, exclusion of honor course HUM-4H, removal of course.			
PHI	**Philosophy**	☑ ☐ ☐		
Rationale:	Program modification required, exclusion of honor courses HUM-4H and HUM-5H from List B. Added recently approved C-ID cross-listed course HUM-18.			

Technical Review Proposals for 06/03/2025
Proposals marked with a red "H" were held at a previous Tech Review meeting.
Documents in the Programs section without an underline have not yet been received by the Tech Review Committee.

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Programs

Program Modifications   M   N   R   Discussion   Action

ADT

PHY	**Physics 2.0**	☑ ☐ ☐
Rationale:	There is an updated version of the TMC (Transfer Model Curriculum) template available, updating the ADT in Physics program to the most current version template. Course Sequence and Unit change, additional Course Requirements: MAT-2 , MAT-3 and CIS-5.	

PHY	**Physics 2.0**	☐ ☑ ☐
Rationale:	This ADT aligns with the updated Physics 2.0 TMC template and will replace the existing ADT in Physics in the catalog.	

Certificate

CIS	**Data Analytics**	☑ ☐ ☐
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

CIS	**Data Science**	☑ ☐ ☐
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.	

CIS	**Information Technology (IT) Cybersecurity**	☑ ☐ ☐
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.	

Technical Review Proposals for 06/03/2025
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Program Outline

Title:
 Elementary Teacher Education: Integrated Programs

Originator: Amber Lappin   **Date** 5/13/2025
Department: School of Education & Teacher Preparation
College/Learning Pathway/Engagement Center: Riverside /Education & Teacher Prep

TOPs Code: 4901.20   **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:
- *Change title to **Integrated Programs: Elementary Teacher Education** (Formerly- Elementary Teacher Education)*
- *Change MATH 26 to option instead of mandatory*
- *Add EAR 42 to options in list C*

Rationale:
This is to align with the new ADT TMC

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)*

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 November 2022

1 | P a g e

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.   2 | P a g e
Revised November 2022

Program Narrative

Item 1. Program Goals and Objectives

This degree is designed to facilitate students transferring to the California State University System with an Associate Degree in Elementary Teacher Education for Transfer. With this degree, the student will be prepared to enter into a bachelor's 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

The Associate in Arts in Elementary Teacher Education: Integrated Programs (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 Elementary Teacher Education: Integrated Programs for Transfer. With this degree, the student will be prepared to enter into a bachelor's 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:
Demonstrate knowledge of professional standards, ethics, and professionalism in elementary education classrooms to meet the diverse needs of students.
Demonstrate an understanding of historical influences, current trends, theories, and educational issues in a global context.
Demonstrate introductory subject matter competency for the Multiple Subject California Subject Examination for Teachers (CSET).

Required Courses: __27-28___ units

Course	Title	Units
EDU 1	Introduction to Elementary Classroom Teaching	4
COM C1000 or COM C1000H	Introduction to Public Speaking or Introduction to Public Speaking Honors	3 3
ENGL C1000 or ENGL C1000H	Academic Reading and Writing or Academic Reading and Writing Honors	4 4
POLS C1000 or POLS C1000H	American Government and Politics or American Government and Politics - Honors	3 3
HIS 6 or HIS 6H	United States History to 1877 or Honors United States History to 1877	3 3
EAR 20	Child Growth and Development	3
BIO 1 or BIO 1H	General Biology or Honors General Biology	4 4
HIS 1 or ENGL 1B or	World History to 1500 Critical Thinking and Writing	3 4

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 November 2022

3 | P a g e

| ENGL 1BH or | Honors Critical Thinking and Writing | 4 |
| ENGL 30 | Children's Literature | 3 |

Elective Courses7-9_ units

Course	Title	Units
List A (Select one)		
GEO 4	Earth Science for Educators	4
CHE 10 and	Chemistry for Everyone and	3
PHY 10	Introduction to General Physics	3
List B (Select one)		
ART 6 or ART-6H or AHS-6 or AHS-6H	Art Appreciation/Honors Art Appreciation	3
MUS 19	Music Appreciation	3
THE 3	Introduction to the Theater	3
List C (Up to 12 units)	*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:*	
MAT 26	Math for Elementary School Teachers	4
GEG 2 or	Human Geography or	3
GEG 3	World Regional Geography	3
HIS 26	History of California	3
EAR 42	Child, Family, and Community	3

ASSOCIATE IN ELEMENTARY TEACHER EDUCATION: INTEGRATED PROGRAMS FOR TRANSFER DEGREE

The Associate of 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 Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education (CSUGE) requirements and with a minimum grade point average of 2.0. All courses in the major must be completed with a grade of "C" or better (or a "P" if taken as Pass/No Pass).

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 November 2022

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Program Outline

Title: History

Originator: Ann Pfeifle   **Date** 5/16/2025
Department: Humanities, Education, Social and Behavioral Sciences
College/Learning Pathway/Engagement Center: Choose an item.

TOPs Code: 2205.00 History   **CIP Code:** 54.0101 History, 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.)

Program modification required, exclusion of honor course HUM-4H, removal of course, from list B.

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

Program modification required, exclusion of honor course HUM-4H, removal of 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
Must address a valid transfer preparation purpose.

The Associate in Arts in History for Transfer degree is a curricular pattern designed specifically to transfer students as History majors with junior status to the CSU system. Though the Associate in Arts in History for Transfer also provides broad general preparation for History majors entering any four-year university, students must consult the specific requirements of any non-CSU campus to which they are applying. Students earning the Associate in Arts in History for Transfer degree will acquire a broad perspective on the human experience and appreciate how the past has shaped the present. They will learn about major events and people of the past, especially their social, cultural and political effects. In addition, students will learn how to interpret, debate, and draw conclusions using primary historical sources.

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 Arts in History for Transfer degree is a curricular pattern designed specifically to transfer students as History majors with junior status to the CSU system. Though the Associate in Arts in History for Transfer also provides broad general preparation for History majors entering any four-year university, students must consult the specific requirements of any non-CSU campus to which they are applying. Students earning the Associate in Arts in History for Transfer degree will acquire a broad perspective on the human experience and appreciate how the past has shaped the present. They will learn about major events and people of the past, especially their social, cultural and political effects. In addition, students will learn how to interpret, debate, and draw conclusions using primary historical sources.

Program Learning Outcomes
Upon successful completion of this program, students should be able to:
1. Describe, explain, and evaluate historical information and demonstrate an understanding of the nature of historical processes.
2. Identify and analyze the sources of historical information and research methodologies.
3. Objectively explain critical issues in history and be able to use theories and debates to argue convincingly in defense of a position, selecting examples to illustrate points and organizing these appropriately.
4. Employ a variety of current historical methodologies in the research, analysis and evaluation of data.

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

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5. Comprehend and demonstrate critical thinking ability including the understanding of alternative explanations and the forming of conclusions from the data presented

Required Courses: 6____ units

Course	Title	Units
HIS-6/HIS-6H	United States History to 1877/Honors United State History to 1877	3
HIS-7/HIS-7H	United States History from 1865/Honors United States History from 1865	3

List A: Select two courses: _6____ units

Course	Title	Units
HIS-1	World History to 1500	3
HIS-2	World History since 1500	3

List B: Select one course from each area: _6____ units

Course	Title	Units
Area 1 Diversity (3 Units):		
HIS-14/ETS-4	African American History I	3
HIS/15/ETS-15	African American History II	3
HIS-34	History of Women in the United States	3
HIS-38	LGBTQ+ History in the United States	3
HIS-60	U.S. History from a Chicana/o/x Perspective: Pre-Columbian to 1848	3
HIS-61	US History from a Chicana/o/x Perspective: 1848 to Present Day	3
POLS-21/ETS-21	Latinx Politics	3
POLS-23/ETS-23	Race, Ethnicity and Politics in America	3
Area 2: (3 Units)		
ANT-1/ANT-1H	Physical Anthropology / Honors Physical Anthropology	3
ANT-2/ANT-2H	Cultural Anthropology/ Honors Cultural Anthropology	3
AHS-4	Introduction to Visual Culture	3
HIS-25	History of Mexico	3
HIS-26	History of California	3
HIS-31	Introduction to Chicanx and Latinx Studies	3
HIS-32	History of Early Latin America	3
HIS-33	History of Modern Latin America	3
HUM-4	Arts and Ideas: Ancient World Through the Late Medieval Period	3

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.
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HUM-10/HUM-10H	World Religions/Honors World Religions	3
POLS-C1000/ POLS-C1000H	American Government and Politics/ American Government and Politics - Honors	3
POLS-2/ POLS-2H	Comparative Politics/Honors Comparative Politics	3
POLS-4 / POLS-4H	Introduction to World Politics/Honors Introduction to World Politics	3
PSYC-C1000/ PSYC-C1000H	Introduction to Psychology/Introduction to Psychology - Honors	3
SOC-1	Introduction to Sociology	3
SOC-2	American Social Problems	3
SOC-10/SOC-10H	Race and Ethnic Relations/Honors Race and Ethnic Relations	3

Total Units: 18

ASSOCIATE IN [ARTS] FOR TRANSFER DEGREE

The Associate in [Arts] in History 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).

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

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Program Outline

Title: Philosophy

Originator: Nick Sinigaglia   **Date** 5/16/2025
Department: Humanities, Education, Social & Behavioral Sciences

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

TOPs Code: 1509.00 Philosophy   **CIP Code:** 38.0101 Philosophy

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.)

Program modification required, exclusion of honor courses HUM-4H and HUM-5H removal of courses, from List B. And added approved recently approved C-ID cross listed course HUM-18.

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

Program modification required, exclusion of honor courses HUM-4H and HUM-5H removal of courses. And added approved recently approved C-ID cross listed course HUM-18, give students more options.

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

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.
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☐ 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)*

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

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Program Narrative

Item 1. Program Goals and Objectives
Must address a valid transfer preparation purpose.

The Associate in Arts in Philosophy for Transfer Degree is designed to prepare the student for transfer to four-year institutions of higher education and specifically intended to satisfy the lower division requirements for the Baccalaureate in Arts in Philosophy at the California State University. This degree is designed to prepare students to critically analyze the work of major figures in philosophy, evaluate topics in the key areas of philosophy, clearly express philosophical ideas both in writing and orally, and demonstrate an understanding of these ideas through their application to specific philosophical problems.

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 Arts in Philosophy for Transfer Degree is designed to prepare the student for transfer to four-year institutions of higher education and specifically intended to satisfy the lower division requirements for the Baccalaureate in Arts in Philosophy at the California State University. This degree is designed to prepare students to critically analyze the work of major figures in philosophy, evaluate topics in the key areas of philosophy, clearly express philosophical ideas both in writing and orally, and demonstrate an understanding of these ideas through their application to specific philosophical problems.

Program Learning Outcomes
Upon successful completion of this program, students should be able to:
1. Analyze and critically evaluate the work of major figures in philosophy.
2. Compare and contrast different philosophical views across historical periods and contexts of human experience.
3. Evaluate the most important topics in key areas of philosophy: theory of knowledge, metaphysics, ethics.
4. Demonstrate the ability to apply philosophical ideas to philosophical problems.
5. Express philosophical ideas and defend them in argument, both in writing and orally.

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.
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Required: 15 units

Course	Title	Units
MAT-32/PHI-32	Introduction to Symbolic Logic	3
PHI-10/PHI-10H	Introduction to Philosophy/Honors Introduction to Philosophy	3
PHI-11	Critical Thinking and Analytic Writing	3
PHI-12	Introduction to Ethics	3
PHI-35 OR HUM-35	Philosophy of Religion	3

List B: 6   units
Select two courses.

Course	Title	Units
HIS-1	World History to 1500	3
HIS-2	World History since 1500	3
HIS-14 OR ETS-14	African American History I	3
HIS-15 OR ETS-15	African American History II	3
HUM-4	Arts and Ideas: Ancient World Through the Late Medieval Period	3
HUM-5	Arts & Ideas: Renaissance through the Modern Era	3
HUM-10/ HUM-10H	World Religions/Honors World Religions	3
PHI-18/HUM-18	Walking with the Dead: An Interdisciplinary Perspective on Death and Dying	3

ASSOCIATE IN [ARTS FOR TRANSFER DEGREE
The Associate in [Arts] in Philosophy 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).

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

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Program Outline

Title: Physics 2.0

Originator: Abel Sanchez / Stephen Wagner   **Date** 5/27/2025
Department: STEM- Natural Sciences
College/Learning Pathway/Engagement Center: Moreno Valley - Science, Technology, Engineering and Math Engagement Center

TOPs Code: 1902.00 Physics, General   **CIP Code:** 40.0801 Physics, 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.)

There is an updated version of the TMC (Transfer Model Curriculum) template available, updating the ADT in Physics program to the most current version template.
Course Sequence and Unit change, additional Course Requirements: MAT-2 , MAT-3 and CIS-5.

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

There is an updated version of the TMC (Transfer Model Curriculum) template available, updating the ADT in Physics 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

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

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☒ 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)- **N/A***

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

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Program Narrative

Item 1. Program Goals and Objectives
Must address a valid transfer preparation purpose.

 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.

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 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.

Program Learning Outcomes
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.

Required Courses: __39___ units

Course	Title	Units
PHY-4A	Mechanics	4
PHY-4B	Electricity and Magnetism	4
PHY-4C	Heat, Light and Waves	4
PHY-4D	Modern Physics	4
MAT 1A and MAT 1B OR MAT 1AH And	Calculus I and Calculus II OR Honors Calculus I And Calculus II	4 / 4 / 4 / 4

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.
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MAT 1B		
MAT-1C	Calculus III	4
MAT-2	Differential Equations	4
And	And	
MAT-3	Linear Algebra	3
CIS-5	Programming Concepts and Methodology I:C++	4

Total Units: 39

ASSOCIATE IN [SCIENCE] FOR TRANSFER DEGREE

The Associate in [Science] in Physics 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).

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

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

Program Outline

Title: Associate in Science in Physics 2.0 for Transfer Degree

Originator: Lindsay Owens   **Date** 5/21/2025
Department/Pathway: School of Natural Sciences, Health & Kinesiology

TOPs Code: 1902.00   **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.)

Rationale:
(Please note: This information will be presented to the Board of Trustees.)
This ADT aligns with the updated Physics 2.0 TMC template and will replace the existing ADT in Physics in the catalog.

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

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

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Item 1. Program Goals and Objectives
Must address a valid transfer preparation purpose.

The Associate in Science in Physics 2.0 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.

Program Learning Outcomes
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 2.0 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.

Program Learning Outcomes
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.

Required Courses: _31_ units

Course	Title	Units
PHY-4A	Mechanics	4
PHY-4B	Electricity and Magnetism	4
PHY-4C	Heat, Light and Waves	4
MAT-1A/1AH	Calculus I/Honors	4
MAT-1B	Calculus II	4

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.
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MAT-1C	Calculus III	4
MAT-2	Differential Equations	4
MAT-3	Linear Algebra	3

Select one course from the following: 3-4 units

Course	Title	Units
CIS/CSC-5	Programming Concepts and Methodology I: C++	4
CIS/CSC-17A	Programming Concepts and Methodology II: C++	3
CIS/CSC-18A	Java Programming: Objects	3
CIS-30A	Introduction to Python Programming	3

Total Units: 34-35

ASSOCIATE IN SCIENCE FOR TRANSFER DEGREE

The Associate in Science in Physics 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).

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

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RIVERSIDE COMMUNITY COLLEGE DISTRICT
MORENO VALLEY COLLEGE | NORCO COLLEGE | RIVERSIDE CITY COLLEGE

**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 <u>and</u> 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:
(<u>Please be specific</u>! 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

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

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RCCD | RIVERSIDE COMMUNITY COLLEGE DISTRICT

MORENO VALLEY COLLEGE | NORCO COLLEGE | RIVERSIDE CITY COLLEGE

**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.

<u>All Degrees and Certificates</u>
☐ 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)*

<u>Degrees and Certificates of 8 Units or More with Vocational TOPs Codes</u>
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.

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

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MORENO VALLEY COLLEGE | NORCO COLLEGE | RIVERSIDE CITY COLLEGE

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	Introduction to Python Programming	3	Semester 1

*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.
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or CSC-8	or 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

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

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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

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.
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RIVERSIDE COMMUNITY COLLEGE DISTRICT
MORENO VALLEY COLLEGE | NORCO COLLEGE | RIVERSIDE CITY COLLEGE

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 <u>and</u> 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:
(<u>Please be specific</u>! 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.

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.
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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.

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.

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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

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.
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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: 4 0____ 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

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.

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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.

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.

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**Program Outline of Record –
Credit Degrees and Certificates**

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.

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

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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.

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

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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

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

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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

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

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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.

*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.
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