District Curriculum Committee
Meeting Agenda

Tuesday, May 3, 2022	4:00-5:00pm	CAADO 209/Zoom

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

Zoom Information

https://rccd-edu.zoom.us/j/99867006916?pwd=NGhZc3d1dms0TUo1VTNPTHY1a1BJZz09
+1 669 900 6833 US
Meeting ID: 998 6700 6916; Passcode: 653798

Agenda and Minutes

1. Approval of Agenda
2. Approval of Minutes – April 19, 2022

Reports from Colleges

1. Moreno Valley
2. Norco
3. Riverside

Action Items

1. Curriculum Proposals

Discussion Items

1. Academic Standards Discussion Item – Kelly Douglass

Program Documentation

1. Riverside – Data Analytics
2. Moreno Valley – Early Childhood Education School Age
3. Riverside – Data Science
4. Riverside – Elementary Teacher Education
5. Moreno Valley – Psychology
6. Riverside – Education, Human Development and Special Needs
7. Moreno Valley – Dental Assistant

District Curriculum Committee
Proposals for Review for Meeting: 05/03/2022

Courses

Course Inclusions

		M	N	R	Discussion	Action

CIS 61 **Introduction to Database Theory** ☐ ☑ ☐

Rationale: Students pursuing a degree of transfer in Data Science will need this course to complete the degree.

Tech Review: Approved, 4/5/2022
Approval appears to be from MAT faculty. CIS approval is missing.

MOV: Info Item, 4/26/2022 **NOR:** Approved, 4/26/2022 **RIV:** Info Item, 4/26/2022

CIS 63 **Introduction to Structured Query Language (SQL)** ☐ ☑ ☐

Rationale: Students pursuing a degree of transfer in Data Science will need this course to complete the degree.

Tech Review: Approved, 4/5/2022
Approval appears to be from MAT faculty. CIS approval is missing.

MOV: Info Item, 4/26/2022 **NOR:** Approved, 4/26/2022 **RIV:** Info Item, 4/26/2022

Course Major Modifications

		M	N	R	Discussion	Action

ADJ 12 **Introduction to Criminalistics** ☑ ☑ ☑

Rationale: This major modification is required to update curriculum, add course objectives and revise student learning outcomes.

Tech Review: Approved, 4/5/2022
Sample assignments may need to be reviewed.

MOV: Approved, 4/26/2022 **NOR:** Approved, 4/26/2022 **RIV:** Approved, 4/26/2022

ART 41B **Figure Painting-Intermediate** ☐ ☐ ☑

Rationale: sequential study, replacing repeatable course with levels.

Moreno valley excluded this course from their inventory, approved by the BOT on April 19, 2016.

Tech Review: Approved, 4/5/2022

MOV: Info Item, 4/26/2022 **NOR:** Info Item, 4/26/2022 **RIV:** Approved, 4/26/2022

CON 62 **Print Reading for Construction** ☐ ☑ ☐

Rationale: Updating content

Tech Review: Approved, 4/5/2022

MOV: Info Item, 4/26/2022 **NOR:** Approved, 4/26/2022 **RIV:** Info Item, 4/26/2022

Courses

Course Major Modifications

		M	N	R	Discussion	Action

ELE 61   **Robotics for Manufacturing**   ☐ ☑ ☐

Rationale: We plan on making this course more practical to the industry and to remove the content that teaches microprocessors and Boe-Bots.

Tech Review: Approved, 4/5/2022

MOV: Info Item, 4/26/2022   **NOR:** Approved, 4/26/2022   **RIV:** Info Item, 4/26/2022

MAN 61   **Robotics for Manufacturing**   ☐ ☑ ☐

Rationale: We plan on making this course more practical to the industry and to remove the content that teaches microprocessors and Boe-Bots.

Tech Review: Approved, 4/5/2022

MOV: Info Item, 4/26/2022   **NOR:** Approved, 4/26/2022   **RIV:** Info Item, 4/26/2022

MAT 26   **Math for Elementary School Teachers**   ☑ ☐ ☑

Rationale: This course needs to be updated to meet RCCD's curriculum guidelines. Objectives will be added and SLOs will be modified.

Tech Review: Approved, 4/5/2022
Prerequisite includes MAT 35, which will need to be changed similar to the other MAT courses that have recently come through.

MOV: Approved, 4/26/2022   **NOR:** Info Item, 4/26/2022   **RIV:** Approved, 4/26/2022

POL 14   **Internship in Political Science**   ☐ ☐ ☑

Rationale: Course has not been offered in over 10 years and is being updated to reflect new internship opportunities for students in RCCD.

Tech Review: Approved, 4/5/2022

MOV: Info Item, 4/26/2022   **NOR:** Info Item, 4/26/2022   **RIV:** Approved, 4/26/2022

POL 2   **Comparative Politics**   ☑ ☑ ☑

Rationale: Updated course materials, SLO's, and expanded methods of instruction and content.

Tech Review: Approved, 4/5/2022

MOV: Approved, 4/26/2022   **NOR:** Approved, 4/26/2022   **RIV:** Approved, 4/26/2022

POL 2H   **Honors Comparative Politics**   ☑ ☐ ☑

Rationale: Course needed updating of textbooks and methods of instruction as well as substantial expansion of content.

Tech Review: Approved, 4/5/2022

MOV: Approved, 4/26/2022   **NOR:** Info Item, 4/26/2022   **RIV:** Approved, 4/26/2022

POL 5   **Introduction to Law**   ☑ ☑ ☑

Rationale: The course has been significantly rewritten to be articulated directly to schools in the CSU and UC systems.

Tech Review: Approved, 4/5/2022

MOV: Approved, 4/26/2022   **NOR:** Approved, 4/26/2022   **RIV:** Approved, 4/26/2022

Courses

Course Minor Modifications

		M	N	R	Discussion	Action

BUS 814   **Business Skills: Professional Communication Basics**   ☑ ☐ ☑

Rationale: Two-year review. Update to text book.

Tech Review: Approved, 4/19/2022

MOV: Approved, 4/26/2022   **NOR:** Info Item, 4/26/2022   **RIV:** Info Item, 4/26/2022

BUS 817   **Business Skills: Professional Self-Management**   ☑ ☐ ☑

Rationale: Two-year review with text update.

Tech Review: Approved, 4/19/2022

MOV: Approved, 4/26/2022   **NOR:** Info Item, 4/26/2022   **RIV:** Info Item, 4/26/2022

CAT 814   **Business Skills: Professional Communication Basics**   ☑ ☐ ☑

Rationale: Two-year review. Update to text book.

Tech Review: Approved, 4/19/2022

MOV: Approved, 4/26/2022   **NOR:** Info Item, 4/26/2022   **RIV:** Info Item, 4/26/2022

CAT 817   **Business Skills: Professional Self-Management**   ☑ ☐ ☑

Rationale: Two-year review with text update.

Tech Review: Approved, 4/19/2022

MOV: Approved, 4/26/2022   **NOR:** Info Item, 4/26/2022   **RIV:** Info Item, 4/26/2022

Distance Education

		M	N	R	Discussion	Action

CIS 21CDE   **Red Hat Linux System Administration I**   ☐ ☐ ☑

Rationale:

Tech Review: Approved, 4/19/2022

MOV: Info Item, 4/26/2022   **NOR:** Info Item, 4/26/2022   **RIV:** Approved, 4/26/2022

CIS 27CDE   **Palo Alto Networks Firewall Essentials**   ☐ ☐ ☑

Rationale:

Tech Review: Approved, 4/19/2022

MOV: Info Item, 4/26/2022   **NOR:** Info Item, 4/26/2022   **RIV:** Approved, 4/26/2022

Courses

Distance Education   M N R   Discussion   Action

EAR 810DE   **Family Child Care – Our Business**   ☑ ☑ ☑

Rationale:

Tech Review: Approved, 4/5/2022

MOV: Approved, 4/26/2022   **NOR:**   Approved, 4/26/2022   **RIV:**   Approved, 4/26/2022

EAR 811DE   **Family Child Care – Our Curriculum**   ☑ ☑ ☑

Rationale:

Tech Review: Approved, 4/5/2022

MOV: Approved, 4/26/2022   **NOR:**   Approved, 4/26/2022   **RIV:**   Approved, 4/26/2022

EAR 812DE   **Family Child Care – Our Family and Community**   ☑ ☑ ☑

Rationale:

Tech Review: Approved, 4/5/2022

MOV: Approved, 4/26/2022   **NOR:**   Approved, 4/26/2022   **RIV:**   Approved, 4/26/2022

H **ENG 8DE**   **Introduction to Mythology**   ☐ ☑ ☑   Holding for crosslisted HUM 8DE.

Rationale:

Tech Review: Approved, 3/15/2022

MOV: Info Item, 3/22/2022   **NOR:**   Approved, 4/26/2022   **RIV:**   Approved, 3/22/2022

HUM 8DE   **Introduction to Mythology**   ☑ ☑ ☑

Rationale:

Tech Review: Approved, 4/5/2022

MOV: Approved, 4/26/2022   **NOR:**   Approved, 4/26/2022   **RIV:**   Approved, 4/26/2022

MAT 109DX   **Corequisite Support for Math 9**   ☑ ☑ ☑

Rationale:

Tech Review: Approved, 4/19/2022
Faculty have sent in RIV vote. Forwarding with the assumption that it will be attached to proposal.

MOV: Approved, 4/26/2022   **NOR:**   Approved, 4/26/2022   **RIV:**   Approved, 4/26/2022

MAT 9DE   **BSTEM College Algebra**   ☑ ☑ ☑

Rationale:

Tech Review: Approved, 4/19/2022
Faculty have sent in RIV vote. Forwarding with the assumption that it will be attached to proposal.

MOV: Approved, 4/26/2022   **NOR:**   Approved, 4/26/2022   **RIV:**   Approved, 4/26/2022

Courses

Extensive Labs

		M N R	Discussion	Action

GEO 4   **Earth Science for Educators**   ☐ ☐ ☑

Rationale: GEO-4 (Earth Science for Educators) is a lecture (54 hours) and lab (54 hours) combination course oriented towards students seeking to become Earth Science teachers in a K-12 setting. The lab portion of this course requires extensive preparation to both assist students in reaching their course goals and also for the proper and safe deployment and maintenance of geological samples, tools and resources used to complete each lab. The preparation required for each GEO4 lab is equivalent to other lab courses in the GEO discipline (i.e. GEO1B and GEO1L), each of which have been approved and are offered each semester as extensive preparation courses.

Tech Review: Approved, 4/5/2022
Faculty clarified that in the lab the instructor preps samples, gives a lecture on how to use the tools, gives demonstration of 30 to 60 minutes that is run much like an applied technical lecture. The lab has separate prep and homework from the lecture.

MOV: Info Item, 4/26/2022   **NOR:** Info Item, 4/26/2022   **RIV:** Approved, 4/26/2022

New Courses

		M N R	Discussion	Action

EAR 57   **School Age Child Care Programs and Curriculum**   ☑ ☐ ☐

Rationale: This course will help meet the needs of our community. Currently, after-school workers are not required to have units in early childhood education. The school-age certificate is designed to prepare students for working in after-school programs that serve older children.

Tech Review: Approved, 4/19/2022

MOV: Approved, 4/26/2022   **NOR:** Info Item, 4/26/2022   **RIV:** Info Item, 4/26/2022

EAR 58   **Recreational Leadership in School Age Child Care**   ☑ ☐ ☐

Rationale: The School-Age certificate will help meet the needs of our community. After-school programs are growing throughout the Inland Empire and workers are not required to have ECE units. This certificate is designed to prepare students for working in after-school programs that will serve older children.

Tech Review: Approved, 4/19/2022

MOV: Approved, 4/26/2022   **NOR:** Info Item, 4/26/2022   **RIV:** Info Item, 4/26/2022

EAR 59   **Practicum in School-Age**   ☑ ☐ ☐

Rationale: The school-age certificate will help meet the needs of our community.

Tech Review: Approved, 4/19/2022

MOV: Approved, 4/26/2022   **NOR:** Info Item, 4/26/2022   **RIV:** Info Item, 4/26/2022

Programs

New Programs

		M	N	R	Discussion	Action

Certificate

CIS   **Data Analytics**   ☐ ☐ ☑

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

Tech Review: Approved, 4/5/2022

MOV: Info Item, 4/26/2022   **NOR:** Info Item, 4/26/2022   **RIV:** Approved, 4/26/2022

EAR   **Early Childhood Education School Age**   ☑ ☐ ☐

Rationale: The School-Age certificate will help meet the needs of our community. The number of after-school programs are growing throughout the county. This certificate is design to prepare students for working in after-school programs that serve older children.

Tech Review: Approved, 4/19/2022
Held for new courses not yet at Tech Review.

MOV: Approved, 4/26/2022   **NOR:** Info Item, 4/26/2022   **RIV:** Info Item, 4/26/2022

Degree

CIS   **Data Science**   ☐ ☐ ☑

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

Tech Review: Approved, 4/5/2022

MOV: Info Item, 4/26/2022   **NOR:** Info Item, 4/26/2022   **RIV:** Approved, 4/26/2022

Program Modifications

		M	N	R	Discussion	Action

ADT

EAR   **Elementary Teacher Education**   ☐ ☐ ☑

Rationale: Updating MAT 26 due to increased unit value.

Tech Review: Approved, 4/5/2022

MOV: Info Item, 4/26/2022   **NOR:** Info Item, 4/26/2022   **RIV:** Approved, 4/26/2022

Programs

Program Modifications | | | | M N R | Discussion | Action

ADT

PSY	**Psychology**	☑ ☐ ☐	
Rationale:	Adding a new course (PSY 11: Psychology of Human Sexuality) to the Psychology ADT.		
Tech Review:	Approved, 4/19/2022		

MOV: Approved, 4/26/2022　　　**NOR:** Info Item, 4/26/2022　　　**RIV:** Info Item, 4/26/2022

AOE

ART	**Fine and Applied Arts**	☑ ☑ ☑	
Rationale:	Updating AOE to reflect curricular changes in Elective ENG courses: Existing courses (ENG 38 and 39) have been deleted from District curriculum holdings and a new sequenced course (ENG 38 ABC) has replaced deleted courses.		
Tech Review:	Approved, 4/5/2022		

MOV: Approved, 4/26/2022　　　**NOR:** Approved, 4/26/2022　　　**RIV:** Approved, 4/26/2022

COM	**Communication, Media and Languages**	☑ ☑ ☑	
Rationale:	Updating AOE to reflect curricular changes in ENG courses: Existing courses (ENG 38 and 39) have been deleted from District curriculum holdings and a new sequenced course (ENG 38 ABC) has replaced deleted courses.		
Tech Review:	Approved, 4/5/2022		

MOV: Approved, 4/26/2022　　　**NOR:** Approved, 4/26/2022　　　**RIV:** Approved, 4/26/2022

Degree

EAR	**Education, Human Development and Special Needs**	☐ ☐ ☑	
Rationale:	Update of MAT 26 due to unit change.		
Tech Review:	Approved, 4/5/2022		

MOV: Info Item, 4/26/2022　　　**NOR:** Info Item, 4/26/2022　　　**RIV:** Approved, 4/26/2022

Degree & Certificate

DEA	**Dental Assistant**	☑ ☐ ☐	
Rationale:	The unit change is necessary as one of the courses, DEA-41 Dental Office Management, had a 0.5 unit increase from 1.5 to 2.0. The verbiage in program goal 2 is being changed to better reflect the program's mission along with a better integration and support of the institution's goals and mission. Program learning outcome #4 will be deleted as the program is unable to measure and assess if the students are achieving this post-graduation.		
Tech Review:	Approved, 4/5/2022		

MOV: Approved, 4/26/2022　　　**NOR:** Info Item, 4/26/2022　　　**RIV:** Info Item, 4/26/2022

Program Outline

Title: Data Analytics

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

TOPs Code:　070730　　　　　　　　　　　　**CIP Code: 11.0501**

Type of Program:
☒ Certificate of Achievement only　　☐ Associate's Degree only　　☐ Certificate <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 Local certificate　　☐ Modification to an existing local certificate

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.)

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

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

<u>All Degrees and Certificates</u>
☒ Discipline
☒ 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; also be recent within 2 years).-*
☒ Advisory Committee Recommendation *(Required for new programs and may be required for modifications. Check with the curriculum coordinator at your college to determine if a new recommendation is necessary.)*
☒ Regional Consortium Recommendation *(required for new programs only)*

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.

1 | P a g e

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

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

Program Narrative

Item 1. Program Goals and Objectives

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

Program Learning Outcomes:

Upon successful completion of this program, students should be able to:
- Identify, extract, clean and maintain data in databases.
- Interpret and evaluate data trends or patterns in complex data sets using statistical techniques, analytic methods, and tools.
- Create and monitor reports to preserve data quality, identify critical issues, trends, and potential solutions.

Item 2. Catalog Description

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

Program Requirement:

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

Program Learning Outcomes:

Upon successful completion of this program, students should be able to:
- Identify, extract, clean and maintain data in databases.
- Interpret and evaluate data trends or patterns in complex data sets using statistical techniques, analytic methods, and tools.
- Create and monitor reports to preserve data quality, identify critical issues, trends, and potential solutions.

Required Courses: ___30__ units

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

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.

3 | P a g e

Course	Title	Units	Sequencing
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/CSC-63	Introduction to Structured Query Language (SQL)	3	Semester 2
MAT-1B	Calculus II	4	Semester 3
CIS-30E	Advanced Python Programming	3	Semester 3

Elective Courses: ___3__ units

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

Total Program Units: ___33__ units

Item 3. Program Requirements

Required Courses: ___30__ units

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

Elective Courses: ___3__ units

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

Total Program Units: ___33__ units

Item 4. Master Planning

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

Item 5. Enrollment and Completer Projections

Enrollment Projects for courses are as followed:

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

Electives:
- CIS-68C: 49 students
- CIS-2: 49 students
- CIS-20: 49 students
  This program is expected to have 50 to 100 students by Spring 2023.

Item 6. Place of Program in Curriculum/Similar Programs

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

Item 7. Similar Programs at Other Colleges in Service Area

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

Item 8. Transfer Preparation Information (if applicable)

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

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.

5 | P a g e

Program Outline of Record –
Credit Degrees and Certificates

Program Outline

Title: School-Age Certificate

☒ **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: 1305.50   **CIP Code: 19.0709**

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   ☐ Modification to an existing certificate/degree

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

Rationale:
(Please note: This information will be presented to the Board of Trustees.)
The School-Age certificate will help meet the needs of our community. The number of after-school programs are growing throughout the county. This certificate is design to prepare students for working in after-school programs that serve older children.

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

All Degrees and Certificates
☒ Evidence of district-wide discipline communication (emails to sister schools)
☒ Department minutes showing approval (minutes from the department)
☒ 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.)*

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 2021

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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

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

Learning Outcome(s):
1. Students will demonstrate a knowledge base of theory specific to childhood (1st-6th grade) education.
2. Students will apply the knowledge base of theory to practice through thoughtful reflections on classroom observations.
3. Students will understand and be familiar with the main philosophical and sociological ideas and trends that have influenced education as well as be able to analyze their application and importance for teaching today

Student Learning Objectives:
1. Students will integrate needs, characteristics, and multiple influences on the development of children birth to age eight as they develop, implement, and evaluate early childhood program practices.
2. Students will intentionally use systematic observations, documentation, and other assessment strategies in the design, implementation, and evaluation of environments, curricula, and activities that support learning through developmental play and positive learning outcomes.
3. Students will demonstrate positive interaction strategies that support all children's learning, identity, and self-confidence.
4. Students will develop strategies that promote respectful, reciprocal partnerships between program teachers, families, and their communities.
5. Students will evaluate and incorporate ethical standards and professional behaviors that deepen understanding, knowledge, and commitment to the early childhood profession.

Item 2. Catalog Description

The School-Age Certificate is designed to be the first step toward entry level employment specializing in the care of children from 6-12 years. It prepares students for working in before and after-school programs or child care facilities that serve older children.

This Certificate meets the course and unit requirements for the Child Development Associate Teacher Permit with a School-Age Emphasis and the Child Development Associate Teacher Permit through the California Commission on Teacher Credentialing.

Program Requirements: Units Required: 30

Course Number	Course Name	Units
EAR 19	Observation and Assessment	3 units
EAR 20	Child Growth and Development	3 units

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 2021

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EAR 24	Introduction to Curriculum for Early Childhood Education	3 units
EAR 25	Teaching in a Diverse Society	3 units
EAR 26	Health, Safety, Nutrition in Early Childhood Education	3 units
EAR 28	Principles and Practices of Early Childhood Education	3 units
EAR 42	Child, Family and Community	3 units
EAR 57	School Age Child Care Programs and Curriculum	3 units
EAR 58	Recreational Leadership in School Age Child Care	3 units
EAR 59	Practicum Field Experience	3 units

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.

Program Requirements: Units Required: 30

Course Number	Course Name	Units	Sequence
EAR 19	Observation and Assessment	3 units	Fall/Spring
EAR 20	Child Growth and Development	3 units	Fall/Spring
EAR 24	Introduction to Curriculum for Early Childhood Education	3 units	Fall/Spring
EAR 25	Teaching in a Diverse Society	3 units	Fall/Spring
EAR 26	Health, Safety, Nutrition in Early Childhood Education	3 units	Fall/Spring
EAR 28	Principles and Practices of Early Childhood Education	3 units	Fall/Spring
EAR 42	Child, Family and Community	3 units	Fall/Spring
EAR 57	School Age Child Care Programs and Curriculum	3 units	Spring
EAR 58	Recreational Leadership in School Age Child Care	3 units	Fall
EAR 59	Practicum Field Experience	3 units	Fall/Spring

Item 4. Master Planning

Mission of Moreno Valley College: Moreno Valley College is committed to educating and empowering our students, providing equitable access to education, and serving our communities. Moreno Valley College's core mission can be expressed in four words: Education, Empowerment, and Equity.

Education: Students will develop paraprofessional skills and knowledge in child development with an emphasis on school age children
Empowerment: Students will be empowered as they identify personal strengths which have helped them realize the completion of a certificate.
Equity: All coursework is taught through an equity-lens and a respect for children no matter their socioeconomic status, ethnicity, or cultural background.

The School-Age Certificate is designed to prepare students to work in after-school programs that serve older children. Students are offered knowledge about the development of the school age child and the role of the adult in helping to integrate skills and aid classroom learning.

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 2021

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Item 5. Enrollment and Completer Projections

EAR 19   Observation and Assessment - 35 students
EAR 20   Child Growth and Development - 35 students
EAR 24   Introduction to Curriculum for Early Childhood Education - 35 students
EAR 25   Teaching in a Diverse Society - 35 students
EAR 26   Health, Safety, Nutrition in Early Childhood Education - 35 students
EAR 28   Principles and Practices of Early Childhood Education - 35 students
EAR 42   Child, Family and Community - 35 students
EAR 57   School Age Child Care Programs and Curriculum – new course; no enrollment data available
EAR 58   Recreational Leadership in School Age Child Care - new course; no enrollment data available
EAR 59   Practicum Field Experience – 20 students

The certificate program expects to have 15 – 20 students completing this certificate annually beginning in February 2023.

Item 6. Place of Program in Curriculum/Similar Programs

The college has no similar degree option and related certificate options are within the same discipline.

Item 7. Similar Programs at Other Colleges in Service Area
Within the Riverside Community College district, Moreno Valley College is the only college in the district that is currently offering all of these courses within the certificate program. No college in the area has alike or a similar program.

Item 8. Transfer Preparation Information (if applicable)
If transfer preparation is a component of the certificate/degree, please provide transfer preparation information.

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 2021

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Program Outline

Title: Associate Degree of Science in Data Science

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

TOPs Code: 070730   **CIP Code: 11.0501**

Type of Program:
☐ Certificate of Achievement only   ☒ Associate's Degree only   ☐ Certificate <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 Local certificate   ☐ Modification to an existing local certificate

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.)

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

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

<u>All Degrees and Certificates</u>
☒ Discipline
☒ 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; also be recent within 2 years)*
☒ Advisory Committee Recommendation *(Required for new programs and may be required for modifications. Check with the curriculum coordinator at your college to determine if a new recommendation is necessary.)*
☒ Regional Consortium Recommendation *(required for new programs only)*

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

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.

Item 2. Catalog Description

Program Requirement:

Before entering this program, student must complete MAT – 11 or qualifying placement level in mathematics to be successful in mathematics and analysis courses in the program.

Program Learning Outcomes:

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

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

Item 3. Program Requirements

Required Courses: ___37__ units

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

Elective Courses: ___3__ units

Course	Title	Units	Sequencing
CIS-68A or	Introduction to Machine Learning (NEW)	3	Semester 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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CIS-68B or	Big Data (NEW)	3	Semester 3
CIS/CSC-2 or	Fundamental of System Analysis	3	Semester 4
CIS/CSC-20	System Analysis and Design (RCC, MVC)	3	Semester 4

Total Program Units: ___40___ units

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

Projected Enrollment for courses is as follows:

		2019-2020		2020-2021	
Course ID	**Course Title**	**Annual Sections**	**Annual Enrollment**	**Annual Sections**	**Annual Enrollment**
CIS-1A	Introduction to Computer Information Systems	45	1472	40	1528
CIS/CSC-2	Fundamentals of Systems Analysis	3	86	4	127
CIS/CSC-20*	Systems Analysis and Design	0	0	0	0
CIS/CSC-61	Introduction to Database Theory	1	29	1	38
CAT/CIS-63	Introduction to Structured Query Language	1	20	1	24
CIS-68A		0	0	0	0
CIS-68B		0	0	0	0
CSC-8	Programming Concepts: Python	0	0	0	0
MAT/CIS-70A	Foundations of Data Science (NEW)	0	0	0	0
MAT-70B	Statistics for STEM (NEW)	0	0	0	

represents revised or new courses. Projected enrollment in new/revised courses in two sections (one per primary term with enrollment at 36-45 students.

Item 6. Place of Program in Curriculum/Similar Programs

Most of the courses in the program are active courses that are currently offered at Riverside City College. The new courses will be incorporated into the program. No other programs are similar or the same as the proposed Data Science program.

Item 7. Similar Programs at Other Colleges in Service Area

Aside from Moreno Valley College, who is also launched the original, shared curriculum, 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.

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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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: Elementary Teacher Education (AA887/AA888)

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

TOPs Code: 4901.20   **CIP Code**:   13.0101

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

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

If this is a modification to an existing ADT, please specify the changes being made:
Changing ART 1H, 2H, and 5 to the Art History (AHS) acronym

Rationale:
Updating ART courses to AHS course discipline.

Required Documentation:

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

All new and modified ADTs must include the following:

☒ Discipline and Department minutes showing approval

☒ Narrative *(See next page)*

☒ Completed Chancellor's Office Template (TMC) *(Must be most current version available)*

☒ C-ID or ASSIST Articulation Information, as required by the TMC *(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.

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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. 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 of Arts in Elementary Teacher Education 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 in Elementary Teacher Education. 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: 56 units

Course	Title	Units
EDU-1	Introduction to Elementary Classroom Teaching	4
EAR-20*	Child Growth and Development	3
BIO-1/1H*	General Biology / Honors	4
CHE-2A*	Introductory Chemistry I	4
PHY-10*	Introduction to General Physics	3
PHY-11*	Physics Lab	1
GEO-4	Earth Science for Educators	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-26*	Math for Elementary School Teachers	4	
COM-1/1H*	Public Speaking/Honors	3	
ENG-1A/1AH*	English Composition/Honors	4	
ENG-1B/1BH*	Critical Thinking and Writing/Honors	4	
GEG-3*	World Regional Geography	3	
HIS-1*	World History to 1500	3	
HIS-6/6H*	United States History to 1877/Honors United States	History to 1877	3
POL-1/1H*	American Politics/Honors	3	

List A: ___4_ units Choose one course from the following:

Course	Title	Units
ENG-1B/1BH*	Critical Thinking and Writing/Honors	4

List B: ___3_ units Choose one course from the following:

Course	Title	Units
AHS-1/1H*	History of Western Art: Prehistoric, Ancient, and Medieval/Honors	3
AHS-2/2H*	History of Western Art: Renaissance through Contemporary/Honors History of Western Art: Renaissance through Contemporary	3
AHS-5*	Arts of Africa, Oceania, and Indigenous North America	3
ART-6/6H* Or AHS-6/6H	Art Appreciation	3
MUS-19*	Music Appreciation	3
THE-3*	Introduction to Theatre	3

List C: Choose from any course not used above or one of the following. 0-3 units

Course	Title	Units
HES-1*	Health Science	3

Associate in Arts for Transfer Degree

The Associate in Arts in Elementary Teacher Education 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.

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

Program Outline

Title: **Psychology**

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

TOPs Code: **200100**   **CIP Code:** **420101**

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

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

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

A new course (PSY 10: Psychology of Personal and Social Adjustment*) is being added to the ADT.*

Rationale:
(Please note: This information will be presented to the Board of Trustees.)
   - Adding a new course (PSY 11: Psychology of Human Sexuality) to the Psychology ADT.

Required Documentation:
Please submit this form and the documents outlined below to your college coordinator and the District Technical Review committee via TechReview@rccd.edu. 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)*
☐ Completed Chancellor's Office Template (TMC) (*Must be most current version available*)
☐ C-ID or ASSIST Articulation Information, as required by the TMC (*Work with your Articulation Officer to obtain this documentation*)

Program Narrative

Item 1. Program Goals and Objectives

The Associate in Arts in Psychology for Transfer degree is designed to prepare students who wish to transfer for the purposes of pursuing studies in psychology. Specifically, this degree allows students to complete various lower division courses in preparation for obtaining a baccalaureate degree in psychology at a California State University.

Item 2. Catalog Description

The Associate in Arts in Psychology for Transfer degree is designed to prepare students who wish to transfer for the purposes of pursuing studies in psychology. Specifically, this degree allows students to complete various lower division courses in preparation for obtaining a baccalaureate degree in psychology at a California State University.

Program Learning Outcomes
  Upon successful completion of this program, students should be able to:
• Apply the basic tenets of psychology to the study of more in depth topics in upper division courses
• Distinguish between the main theoretical perspectives in psychology
•   Analyze the primary subfields of psychology and gauge their contributions to the understanding of behavior, cognition, and emotion

Required Courses: 19-20 units

Course	Title	Units
*MAT-12/12H or *PSY-48/SOC-48	Statistics / Honors Statistics Statistics for the Behavioral Sciences	4 3
*PSY-1/1H	General Psychology/Honors General Psychology	3
*PSY-50	Research Methods in Psychology	4

LIST A: Required Courses: 3 units

Course	Title	Units
*PSY-2	Biological Psychology	3

LIST B: Required Courses: 3 units

Course	Title	Units
*PSY-9	Developmental Psychology	3

LIST C: Elective Choose One: 3 units

Course	Title	Units
PSY-33	Theories of Personality	3
PSY-35/35H	Abnormal Psychology/Honors Abnormal Psychology	3
PSY-8	Introduction to Social Psychology	3
PSY-10	Psychology of Personal and Social Adjustment	3
PSY-11	Psychology of Human Sexuality	3

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

ASSOCIATE IN ARTS FOR TRANSFER DEGREE
The Associate in Arts in Psychology 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).

Associate of Arts Degree in Education, Human Development & Special Needs   College: R

SHORT DESCRIPTION OF PROGRAM

The Associate of Arts in Education, Human Development and Special Needs offers lower division coursework that provides an introduction to issues, policies, and practices of education, with an emphasis on special education. Students will build a foundation appropriate for entry into advanced study in education, including educational research, educational advocacy, public policy, and/or 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 University of California, Riverside with an Associate Degree in Education, Human Development & Special Needs. With this degree, the student will be prepared to enter into the Education, Society and Human Development BA program. In this program, students are able to follow a general plan; specialize in Community Leadership, Policy, and Social Justice; or develop their own custom program of study.

PROGRAM LEARNING OUTCOMES

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

- Demonstrate an understanding of historical influences, current trends, theories, and educational issues in a global context.
- Demonstrate knowledge of professional standards, ethics, and professionalism in classrooms and school visits and implement established observation and visitation protocols within schools.
- Identify laws and regulations pertaining to and protecting children with disabilities and other special needs in education and community settings.
- Describe the process of accessing community agencies, referral systems and procedures for specialized support, specialized documents, resources and placement options.

Required Courses		**Units**
EDU-10	Introduction to Education Studies	3
EAR-40	Introduction to Children with Special Needs	3
EAR-43	Children with Challenging Behaviors	3
EAR-47	Childhood Stress and Trauma	3
EDU-1	Introduction to Elementary Classroom Teaching	4
EAR-20	Child Growth and Development	3
ENG-1A/1AH	English Composition	4
ENG-1B/1BH	Critical Thinking and Writing	4
MUS 89/89H	Music of Multicultural America	3
HUM 16	Arts and Ideas: American Culture	3
SOC 10/10H	Race and Ethnic Relations	3
POL 1/1H	American Politics	3
GEG 1/1H	Physical Geography	3
BIO 1/1H	General Biology	4
HES 1	Health Science	3
COM 1/1H	Public Speaking	3

Choose one of the following:

MAT 12/12H	Statistics	4
PSY/SOC 48	Statistics for the Behavioral Sciences	3
or		
MAT 26	Math for Elementary School Teachers	4

Choose one of the following:

HIS 1*	History of World Civilizations I	3
or		

HIS 2/2H* History of World Civilizations II <u>3</u>
58/59

UC/CSU Elective Course 1-3 units
(*Must have 60 transferable units for transfer*)

The Associate in Arts in Education, Human Development and Special Needs degree will be awarded upon completion of 60 transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC) with a minimum grade point average of 2.0. All courses in the major must be completed with a grade of "C" or better. (Students completing this degree are not required to fulfill the RCCD graduation requirements found in section VII. Additional degree requirements: Health Education and Self Development).

Program Outline

Title: Dental Assistant

☒ **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: 1240.10   **CIP Code: 51.0601**

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

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.)
1. The total number of units will be changed from 32.5 to 33 units for the program.
2. The words "quality and equitable" will be added to the second program goal to read:

"Provide a quality and equitable dental assistant curriculum that prepares the student to successfully complete the National Certification Exam (CDA) and California State Registered Dental Assistant Exam (RDA). " The remaining program goals will remain unchanged.
3. Program learning outcome #4 "Apply self-assessment skills to promote lifelong learning "will be deleted.

Rationale:
(Please note: This information will be presented to the Board of Trustees.)
1. The unit change is necessary as one of the courses, DEA-41 Dental Office Management, had a 0.5 unit increase from 1.5 to 2.0.
2. The verbiage in program goal 2 is being changed to better reflect the program's mission along with a better integration and support of the institution's goals and mission.
3. Program learning outcome #4 will be deleted as the program is unable to measure and assess if the students are achieving this post-graduation.

Required Documentation

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

All Degrees and Certificates
☐ Evidence of district-wide discipline communication – **N/A**
☐ Department minutes showing approval- Coming Soon
☒ Narrative *(see following page)*
☐ Transfer preparation documentation *(only if applicable)*

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 2021

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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.)* - *Temporarily will receive draft Advisory Minutes.*

☒ 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 2021

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Program Narrative

Item 1. Program Goals and Objectives
For programs with a vocational TOPs code, must address a valid workforce preparation purpose. For programs with a non-vocational TOPs code, must address a valid workforce preparation, basic skills, civic education, or local purpose. May address transfer preparation if applicable.

The program prepares individuals to provide patient care, take dental radiographs (x-rays), prepare patients and equipment for dental procedures as well as discharge office administrative functions under the supervision of dentists. The curriculum includes instructions in dental office management tasks, general office duties, reception and patient intake, patient scheduling, equipment maintenance and sterilization, dental radiography and radiation safety, pre and post-operative patient care and instructions, chairside assisting and direct patient care in general and specialty practice, taking impressions, infection control, Dental Practice Act, pit and fissure sealant application, coronal polish and supervised clinical practice

 PROGRAM GOALS

• Maintain compliance with the Commission on Dental Accreditation and the Dental Practice Act of California
• Provide a quality and equitable dental assistant curriculum that prepares the student to successfully complete the National Certification Exam (CDA) and California State Registered Dental Assistant Exam (RDA).
• Maintain proficient dental assistant faculty and staff to ensure a high-quality educational program.
• Prepare the student for dental assisting employment as an integral member of the dental health team

 PROGRAM LEARNING OUTCOMES

Upon successful completion of this program, students should be able to:
• Collect diagnostic data and perform clinical supportive treatments as outlined by the State Dental Practice Act
• Perform business office procedures as related to dental practices
• Adhere to the ADAA's Code of Ethical Conduct and apply this to established ethical , legal and regulatory concepts for dental assisting
• Demonstrate interpersonal and communication skills to effectively interact with diverse populations

Item 2. Catalog Description
Includes program requirements, prerequisite skills or enrollment limitations, program learning outcomes, and information relevant to program goal.

PROGRAM PREREQUISITE

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 2021

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Qualification for ENG-1A
SHORT DESCRIPTION of PROGRAM

The program prepares individuals to provide patient care, take dental radiographs (x-rays), prepare patients and equipment for dental procedures as well as discharge office administrative functions under the supervision of dentists. The curriculum includes instructions in dental office management tasks, general office duties, reception and patient intake, patient scheduling, equipment maintenance and sterilization, dental radiography and radiation safety, pre and post –operative patient care and instructions, chair-side assisting and direct patient care in general and specialty practice, taking impressions, infection control, Dental Practice Act, pit and fissure sealant application, coronal polish and supervised clinical practice.

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

• Collect diagnostic data and perform clinical supportive treatments as outlined by the State Dental Practice Act
• Perform business office procedures as related to dental practices
• Adhere to the ADAA's Code of Ethical Conduct and apply this to established ethical, legal and regulatory concepts for dental assisting
• Demonstrate interpersonal and communication skills to effectively interact with diverse populations

Item 3. Program Requirements

Required Courses: __33__ units

Course	Title	Units	Sequencing
DEA-10	Introduction to Dental Assisting and Chairside Assisting	4.5	Semester 1, Fall
DEA-20	Infection Control for Dental Assistants	2	Semester 1, Fall
DEA-21	Introduction to Radiology for Dental Assistants	2.5	Semester 1, Fall
DEA-22	Introduction to Supervised Externships	1.5	Semester 1, Fall
DEA-23	Introduction to Dental Sciences	3	Semester 1, Fall
DEA-24	Dental Materials for the Dental Assistant	2	Semester 1, Fall
DEA-30	Intermediate Chairside Dental Assisting	2	Winter Intersession
DEA-31	Radiology for Dental Assistants	1	Winter Intersession
DEA-32	Intermediate Supervised Externships	1	Winter Intersession
DEA-40A	Advanced Chairside Surgical Dental Assistant	3.5	Semester 2, Spring
DEA-40B	Advanced Chairside Orthodontic Dental Assistant	2	Semester 2, Spring
DEA-40C	Advanced Chairside Restorative Dental Assistant	6	Semester 2, Spring
DEA-41	Dental Office Management	2	Semester 2, Spring

Total: 33 Units

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Minimum Degree Units		**Maximum Degree Units**	
Minimum Required Units	33	Maximum Required Units	33
Minimum Elective Units	0	Maximum Elective Units	0
Local GE Required Units	0	CSUGE Required Units	0
Double Counted Units	0	Double Counted Units	0
Total Minimum Degree Units	60	**Total Maximum Degree Units**	60

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

Item 4. Master Planning
Must address how the certificate/degree fits in the mission, curriculum, and master planning of the college and higher education in California.

> The Moreno Valley College Dental Assistant Program provides the students with a quality, equitable education that prepares them to be highly competent, professional, and caring licensed dental assistants. Our graduates go on to serve the dental community and community at large by working in various dental offices in the region. This fits in and aligns with the institution's mission to educate and empower students, to provide equitable access to education and serve the community.

Item 5. Enrollment and Completer Projections
Projection of number of students to earn certificate/degree annually.

The Moreno Valley College Dental Assistant program can graduate up to 24 students annually. The cohort size is limited by accreditation and state requirements.

Item 6. Place of Program in Curriculum/Similar Programs
Must address how the certificate/degree fits in college's existing inventory.

The program is part of Health Human and Public Services Department.

Item 7. Similar Programs at Other Colleges in Service Area
Justification of need for certificate/degree in the region.

The Moreno Valley College Dental Assistant Program is one of the two community college programs in the region with Chaffey College being the other. The environmental scan shows a high demand for dental assistants with a 14% increase in employment, and 808 job openings annually for the next five years.

Item 8. Transfer Preparation Information (if applicable) – 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 2021

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

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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