RCCD | **RIVERSIDE COMMUNITY COLLEGE DISTRICT**

MORENO VALLEY COLLEGE | NORCO COLLEGE | RIVERSIDE CITY COLLEGE

District Curriculum Committee
Meeting Agenda

Tuesday, September 1, 2020	**2:30-4:00pm**	**Hosted Via Zoom**

Committee Members	**Guests**
☐ Ann Pfeifle (Chair, MVC)	☐ Lijuan Zhai (AVC Ed Services and Institutional Effectiveness, RCCD)
☐ Jeannie Kim (Co-Chair, VC Ed. Services)	☐ Steven Schmidt (MUS, RCC)
☐ Kelly Douglass (ENG, RCC)	☐ Heather Edberg (Staff, RCCD)
☐ Brian Johnson (MAT, NOR)	☐ Bryan Nicol (Staff, RCCD)
	☐ Rebecca Turner (Staff, RCCD)
	☐ 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)
	☐ Paul Conrad (CIS, RCC)

Zoom Information
https://cccconfer.zoom.us/j/94211720379
+1 669 900 6833 (US Toll)
Meeting ID: 942 1172 0379

Agenda and Minutes

1. Approval of Agenda
2. Approval of Minutes - June 2, 2020

Action Items

1. Curriculum Proposals
2. Additional Curriculum Items
   a. Apprenticeship: Manufacturing Technician 2

Discussion Items

1. General Education: Whole Discipline and Approval Process – Kelly Douglass

Program Documentation
1. New Programs
   a. RIV – Data Quick Start
   b. NOR – Optoelectronics
   c. RIV – Automotive Engine Performance Specialist
   d. RIV – Automotive Undercar Specialist
2. Program Modifications
   a. RIV – Investigative Technician
   b. RIV – Automotive Electrical and Electronics Specialist
   c. RIV - Automotive Powertrain Specialist
   d. RIV - Automotive Hybrid and Electrical Vehicle Specialist

Notice is Hereby Given That Pursuant to Executive Order N-29-20 the Riverside Community College District Curriculum Committee will meet on September 1, 2020 via Zoom Conferencing.

Consistent with Executive Order N-29-20 and Government Code sections 54953.2, 54954.1, 54954.2, and 54957.5, the Riverside Community College District Curriculum Committee will provide to individuals with disabilities reasonable modification or accommodation including an alternate, accessible version of all meeting materials. To request an accommodation, please contact techreview@rccd.edu at least one week prior to the meeting. Requests received after this time will be honored when possible.

Members of the public wishing to comment on an agenda item or other topic within the purview of the Riverside Community College District Curriculum Committee will be given the opportunity via Zoom or may submit commentary to techreview@rccd.edu.

District Curriculum Committee
Proposals for Review for Meeting: 09/01/2020

Courses

Course Deletions

		M	N	R	Discussion	Action

ADJ 23 — **Criminal Justice Report Writing**   ☐ ☐ ☑

Rationale: The Administration of Justice District Advisory Committee meeting, occurring in October 2018, was unanimous in consensus that the ADJ23 course, Criminal Justice Report Writing, was ineffective; discussion occurred about major course modifications or changes, but ultimately, all professional advisory members advised it was more important to them students focus upon English courses, such as English 1A, for comprehensive writing skill, than in a specific report writing class, especially as report writing is a factor included in many ADJ classes already, including ADJ12, ADJ13, & ADJ14. Norco's Social & Behavioral Sciences Department approved the removal (10/2018) and RCC's Behavioral Science Department approved the removal (11/2018).

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

CAT 57 — **Creating and Managing the Virtual Office**   ☐ ☐ ☑

Rationale: This RIV-ONLY stand-alone course is being deleted. The program no longer exists and was deleted 3 years ago. The course is on no other programs.

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

CIS 23 — **Software End User Support**   ☐ ☐ ☑

Rationale: This course is no longer needed and the content is being covered adequately in other courses such as CIS-25.

Tech Review: Approved, 6/2/2020
No rationale provided. Kelly will contact originator for rationale.

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

KIN A62A — **Flag Football**   ☐ ☐ ☑

Rationale: We haven't offered this course in many years. It is only a half of a unit and we already have a one unit course.

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

Course Major Modifications

		M	N	R	Discussion	Action

AUT 13A — **Hybrid and Electric Vehicle Technology 1**   ☐ ☐ ☑

Rationale: This course has been updated to meet advancements in Automotive Technology and changes in the industry.

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

Courses

Course Major Modifications   M N R   Discussion   Action

AUT 13B   **Advanced Hybrid and Electric Vehicle Technology**   ☐ ☐ ☑
Rationale: Existing course Number is being updated to align with ASE (Automotive Service Excellence) certification test series. No Other changes have been made.
Tech Review: Approved, 6/2/2020
MOV: **NOR:**   **RIV:**   Approved, 8/25/2020

AUT 1A   **Automotive Engine Repair (Upper End)**   ☐ ☐ ☑
Rationale: Update curriculum
Tech Review: Approved, 6/2/2020
MOV: **NOR:**   **RIV:**   Approved, 8/25/2020

AUT 1B   **Automotive Engine Repair (Lower End)**   ☐ ☐ ☑
Rationale: Update curriculum
Tech Review: Approved, 6/2/2020
MOV: **NOR:**   **RIV:**   Approved, 8/25/2020

AUT 2   **Automotive Automatic Transmission/Transaxles**   ☐ ☐ ☑
Rationale: Course has not been updated in some time; needs to be made current.
Tech Review: Approved, 6/2/2020
MOV: **NOR:**   **RIV:**   Approved, 8/25/2020

AUT 3   **Automotive Manual Drivetrain Systems**   ☐ ☐ ☑
Rationale: Update curriculum.
Tech Review: Approved, 6/2/2020
MOV: **NOR:**   **RIV:**   Approved, 8/25/2020

H   **AUT 50**   **Automotive Principles**   ☐ ☐ ☑
Rationale: Updating curriculum.
Tech Review: Approved, 5/19/2020
MOV: Info Item, 5/26/2020   **NOR:**   Info Item, 5/26/2020   **RIV:**   Approved, 8/25/2020

AUT 6A   **Automotive Electrical Systems 1**   ☐ ☐ ☑
Rationale: Update the course.
Tech Review: Approved, 6/2/2020
MOV: **NOR:**   **RIV:**   Approved, 8/25/2020

Courses

Course Major Modifications

		M N R	Discussion	Action

AUT 7   **Automotive Heating and Air Conditioning**   ☐ ☐ ☑
Rationale: Curriculum update.
Tech Review: Approved, 6/2/2020
MOV: NOR: RIV: Approved, 8/25/2020

AUT 8A   **Automotive Engine Performance 1**   ☐ ☐ ☑
Rationale: Updating curriculum
Tech Review: Approved, 6/2/2020
MOV: NOR: RIV: Approved, 8/25/2020

AUT 8B   **Automotive Engine Performance 2**   ☐ ☐ ☑
Rationale: Curriculum Update
Tech Review: Approved, 6/2/2020
MOV: NOR: RIV: Approved, 8/25/2020

CAT 36A   **Legal Office Procedures I**   ☐ ☐ ☑
Rationale: Update for CTE 2 year review as well inclusion of Course Objectives and TBA lab (02-25-2020).
Tech Review: Approved, 6/2/2020
MOV: NOR: RIV: Approved, 8/25/2020

CAT 36B   **Legal Office Procedures II**   ☐ ☐ ☑
Rationale: Course review and update to bring into compliance with CTE 2-Year review, add objectives, TBA lab content.
Tech Review: Approved, 6/2/2020
MOV: NOR: RIV: Approved, 8/25/2020

CAT 37   **Legal Terminology**   ☐ ☐ ☑
Rationale: Update for CTE 2 year review as well inclusion of Course Objectives and TBA lab (03-08-2020).
Tech Review: Approved, 6/2/2020
MOV: NOR: RIV: Approved, 8/25/2020

CAT 38   **Legal Word Processing and Forms**   ☐ ☐ ☑
Rationale: Course review and update to bring into compliance with CTE 2-Year review, add objectives, TBA lab content.
Tech Review: Approved, 6/2/2020
MOV: NOR: RIV: Approved, 8/25/2020

Courses

Course Major Modifications
		M N R	Discussion	Action

CUL 41   **Fundamentals of Exploring Wine**   ☐ ☐ ☑

Rationale: This course was specifically designed for the culinary apprenticeship program to provide the understanding of wine production and the ability to identify the specific characteristics of each wine varietal and to distinguish between different varietals. Apprentices are required to take a course about wine as part of their related instruction.

Tech Review: Approved, 6/2/2020
Faculty had concerns regarding the collection of the material fee for the course. Faculty will need to work with their Dean in order to determine a proper procedure. Should changes be made in how to collect the fee, the Colleague record may need to be updated.

MOV: **NOR:**   **RIV:** Hold, 8/25/2020
Hold for updated text and sample assignments

ECO 10   **Economics and Personal Decision-Making**   ☐ ☐ ☑

Rationale: This modification serves to update the course outline by adding student learning objectives, updating course materials, and adding a distance education component.

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

ECO 9   **Economics of Poverty, Inequality and Discrimination**   ☐ ☐ ☑

Rationale: This modification serves to update the course outline by adding student learning objectives, updating course materials, and adding a distance education component.

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

ECO 9H   **Honors Economics of Poverty, Inequality and Discrimination**   ☐ ☐ ☑

Rationale: This modification serves to update the course outline by adding student learning objectives and updating course materials.

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

Distance Education
		M N R	Discussion	Action

ASL 10DE   **ASL 10DE**   ☐ ☐ ☑

Rationale: Distance education formats, both hybrid and online, not only may increase student access and serve unmet needs, they may also give the department flexibility by overcoming room, time and environmental limitations. At the same time, they allow the instructor the opportunity to give prompt and relevant feedback as well as to expand the course materials outside of the traditional classroom to include virtual realia and other abundant authentic materials available on the web. In addition to course and instructor-provided resources, these not only enrich the cultural content of the class but also enhance student listening, reading, writing and speaking skills. Moreover, video conference class sessions ensure that the students and instructor still have in-class time that is devoted to interpersonal interaction, dynamic instruction and in-person assessment.

Tech Review: Approved, 6/2/2020
Proposal needs better integration with content. Steven has reached out to faculty and will update course once he receives a response.

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

Courses

Distance Education   M   N   R   Discussion   Action

ASL 11DE   **ASL 11DE**   ☐ ☐ ☑

Rationale: Distance education formats, both hybrid and online, not only may increase student access and serve unmet needs, they may also give the department flexibility by overcoming room, time and environmental limitations. At the same time, they allow the instructor the opportunity to give prompt and relevant feedback as well as to expand the course materials outside of the traditional classroom to include virtual realia and other abundant authentic materials available on the web. In addition to course and instructor-provided resources, these not only enrich the cultural content of the class but also enhance student listening, reading, writing and speaking skills. Moreover, video conference class sessions ensure that the students and instructor still have in-class time that is devoted to interpersonal interaction, dynamic instruction and in-person assessment.

Tech Review: Approved, 6/2/2020
Proposal needs better integration with content. Steven has reached out to faculty and will update course once he receives a response.

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

ASL 12DE   **ASL 12DE**   ☐ ☐ ☑

Rationale: Distance education formats, both hybrid and online, not only may increase student access and serve unmet needs, they may also give the department flexibility by overcoming room, time and environmental limitations. At the same time, they allow the instructor the opportunity to give prompt and relevant feedback as well as to expand the course materials outside of the traditional classroom to include virtual realia and other abundant authentic materials available on the web. In addition to course and instructor-provided resources, these not only enrich the cultural content of the class but also enhance student listening, reading, writing and speaking skills. Moreover, video conference class sessions ensure that the students and instructor still have in-class time that is devoted to interpersonal interaction, dynamic instruction and in-person assessment.

Tech Review: Approved, 6/2/2020
Proposal needs better integration with content. Steven has reached out to faculty and will update course once he receives a response.

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

ASL 13DE   **ASL 13DE**   ☐ ☐ ☑

Rationale: Distance education formats, both hybrid and online, not only may increase student access and serve unmet needs, they may also give the department flexibility by overcoming room, time and environmental limitations. At the same time, they allow the instructor the opportunity to give prompt and relevant feedback as well as to expand the course materials outside of the traditional classroom to include virtual realia and other abundant authentic materials available on the web. In addition to course and instructor-provided resources, these not only enrich the cultural content of the class but also enhance student listening, reading, writing and speaking skills. Moreover, video conference class sessions ensure that the students and instructor still have in-class time that is devoted to interpersonal interaction, dynamic instruction and in-person assessment.

Tech Review: Approved, 6/2/2020
Proposal needs better integration with content. Steven has reached out to faculty and will update course once he receives a response.

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

Courses

Distance Education   M N R   Discussion   Action

ASL 14DE   **ASL 14DE**   ☐ ☐ ☑

Rationale: Distance education formats, both hybrid and online, not only may increase student access and serve unmet needs, they may also give the department flexibility by overcoming room, time and environmental limitations. At the same time, they allow the instructor the opportunity to give prompt and relevant feedback as well as to expand the course materials outside of the traditional classroom to include virtual realia and other abundant authentic materials available on the web. In addition to course and instructor-provided resources, these not only enrich the cultural content of the class but also enhance student listening, reading, writing and speaking skills. Moreover, video conference class sessions ensure that the students and instructor still have in-class time that is devoted to interpersonal interaction, dynamic instruction and in-person assessment.

Tech Review: Approved, 6/2/2020
Proposal needs better integration with content. Steven has reached out to faculty and will update course once he receives a response.

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

ASL 20DE   **ASL 20DE**   ☐ ☐ ☑

Rationale: Distance education formats, both hybrid and online, not only may increase student access and serve unmet needs, they may also give the department flexibility by overcoming room, time and environmental limitations. At the same time, they allow the instructor the opportunity to give prompt and relevant feedback as well as to expand the course materials outside of the traditional classroom to include virtual realia and other abundant authentic materials available on the web. In addition to course and instructor-provided resources, these not only enrich the cultural content of the class but also enhance student listening, reading, writing and speaking skills. Moreover, video conference class sessions ensure that the students and instructor still have in-class time that is devoted to interpersonal interaction, dynamic instruction and in-person assessment.

Tech Review: Approved, 6/2/2020
Proposal needs better integration with content. Steven has reached out to faculty and will update course once he receives a response.

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

ASL 3DE   **ASL 3DE**   ☐ ☐ ☑

Rationale: Distance education formats, both hybrid and online, not only may increase student access and serve unmet needs, they may also give the department flexibility by overcoming room, time and environmental limitations. At the same time, they allow the instructor the opportunity to give prompt and relevant feedback as well as to expand the course materials outside of the traditional classroom to include virtual realia and other abundant authentic materials available on the web. In addition to course and instructor-provided resources, these not only enrich the cultural content of the class but also enhance student listening, reading, writing and speaking skills. Moreover, video conference class sessions ensure that the students and instructor still have in-class time that is devoted to interpersonal interaction, dynamic instruction and in-person assessment.

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

Courses

Distance Education

		M N R	Discussion	Action

ASL 4DE   **ASL 4DE**   ☐ ☐ ☑

Rationale: Distance education formats, both hybrid and online, not only may increase student access and serve unmet needs, they may also give the department flexibility by overcoming room, time and environmental limitations. At the same time, they allow the instructor the opportunity to give prompt and relevant feedback as well as to expand the course materials outside of the traditional classroom to include virtual realia and other abundant authentic materials available on the web. In addition to course and instructor-provided resources, these not only enrich the cultural content of the class but also enhance student listening, reading, writing and speaking skills. Moreover, video conference class sessions ensure that the students and instructor still have in-class time that is devoted to interpersonal interaction, dynamic instruction and in-person assessment.

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

ASL 5DE   **ASL 5DE**   ☐ ☐ ☑

Rationale: Distance education formats, both hybrid and online, not only may increase student access and serve unmet needs, they may also give the department flexibility by overcoming room, time and environmental limitations. At the same time, they allow the instructor the opportunity to give prompt and relevant feedback as well as to expand the course materials outside of the traditional classroom to include virtual realia and other abundant authentic materials available on the web. In addition to course and instructor-provided resources, these not only enrich the cultural content of the class but also enhance student listening, reading, writing and speaking skills. Moreover, video conference class sessions ensure that the students and instructor still have in-class time that is devoted to interpersonal interaction, dynamic instruction and in-person assessment.

Tech Review: Approved, 6/2/2020
Proposal needs better integration with content. Steven has reached out to faculty and will update course once he receives a response.

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

CAT 831DE   **Word Processing Skills: Editing and Formatting Documents**   ☐ ☐ ☑

Rationale: The discipline has determined that this course is suitable for online and hybrid delivery for pedagogical, practical, and technical reasons which benefit students. The course content is designed for short-term instruction to allow students to learn computer literacy skills used in online, hybrid, and face-to-face instruction in a very short term. The online and hybrid environments are suitable for skill development in the use of word processing software to edit and format documents.

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

CAT 832DE   **Spreadsheet Skills: Creating and Formatting Workbooks**   ☐ ☐ ☑

Rationale: The discipline has determined that this course is suitable for online and hybrid delivery for pedagogical, practical, and technical reasons which benefit students. The course content is designed for short-term instruction to allow students to learn computer literacy skills used in online, hybrid, and face-to-face instruction in a very short term. The online and hybrid environments are suitable for skill development in the use of spreadsheet software to create and edit worksheets, workbooks, and basic formulas.

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

Courses

Distance Education   M N R   Discussion   Action

CAT 833DE **Presentation Software Skills: Creating and Formatting Presentations** ☐ ☐ ☑

Rationale: The discipline has determined that this course is suitable for online and hybrid delivery for pedagogical, practical, and technical reasons which benefit students. The course content is designed for short-term instruction to allow students to learn computer literacy skills used in online, hybrid, and face-to-face instruction in a very short term. The online and hybrid environments are suitable for skill development in the use of presentation graphics software to create and format basic presentations.

Tech Review: Approved, 6/2/2020

MOV: NOR: RIV: Approved, 8/25/2020

CAT 846DE **Access Skills: Creating and Using Tables** ☐ ☐ ☑

Rationale: The discipline has determined that this course is suitable for online and hybrid delivery for pedagogical, practical, and technical reasons which benefit students. The course content is designed for short-term instruction to allow students to learn computer literacy skills used in online, hybrid, and face-to-face instruction in a very short term. The online and hybrid environments are suitable for skill development in the use of database software to create, edit, and use database tables.

Tech Review: Approved, 6/2/2020

MOV: NOR: RIV: Approved, 8/25/2020

CAT 898DE **Windows, File Management, Internet, and Canvas Basics** ☐ ☐ ☑

Rationale: The discipline has determined that this course is suitable for online and hybrid delivery for pedagogical, practical, and technical reasons which benefit students. The course content is designed for short-term instruction to allow students to learn computer literacy skills used in online, hybrid, and face-to-face instruction in a very short term. The online and hybrid environments are suitable for training in the use of the skills in the Windows, File Management, Internet, and Canvas Basics course as the students.

Tech Review: Approved, 6/2/2020

MOV: NOR: RIV: Approved, 8/25/2020

CAT 92DE **Adobe Acrobat** ☐ ☐ ☑

Rationale: The discipline has determined that this course is suitable for online and hybrid delivery for pedagogical, practical, and technical reasons which benefit students. The course content is designed for short-term instruction to allow students to learn computer literacy skills used in online, hybrid, and face-to-face instruction in a very short term. The online and hybrid environments are suitable for training in the use of Adobe Acrobat skills to create, annotate, edit, manage, and distribute portable document files (PDF).

Tech Review: Approved, 6/2/2020

MOV: NOR: RIV: Approved, 8/25/2020

ECO 10DE **Economics and Personal Decision-Making** ☐ ☐ ☑

Rationale: Economics and Personal Decision-making is an important class or all students and many of our students are constrained by attending the college in-person by work and family-life. Learning this material should not be limited to only students who can physically attend in-person. Improving access for all students to this material has an additional equity component in educating under-served populations in labor, financial and housing markets about decisions that can help them to improve their financial positions and promote inter-generational mobility.

Tech Review: Approved, 6/2/2020

MOV: NOR: RIV: Approved, 8/25/2020

Courses

Distance Education

		M	N	R	Discussion	Action

ECO 9DE — **Economics of Poverty and Discrimination**   ☐ ☐ ☑

Rationale: Economics of Poverty Inequality and Discrimination is an important class or all students and many of our students are constrained by attending the college in-person by work and family-life. Learning this material should not be limited to only students who can physically attend in-person. Improving access has an important equity component for students.

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

New Courses

		M	N	R	Discussion	Action

AUT 4B — **Advanced Suspension and Brake Systems**   ☐ ☐ ☑

Rationale: Advancements in automotive technology, and increased system complexity require more training

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

AUT 6B — **Automotive Electrical Systems 2**   ☐ ☐ ☑

Rationale: Advancements in automotive technology, and increased system complexity require more training.

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

CIS 21C — **Red Hat Linux System Administration I**   ☐ ☐ ☑

Rationale: Red Hat Linux operating system administration is in high demand across the IT industry as most of the Internet and Internet of Things runs on Linux. The predominant version of Linux for the Internet / WWW servers is Red Hat. This course will prepare students for part 1 of the Red Hat Certified System Administrator (RHCSA) industry certification knowledge. RHCSA certification is highly desirable by employers and is often required by systems administrator positions.

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

CIS 27C — **Palo Alto Networks Firewall Essentials**   ☐ ☐ ☑

Rationale: Palo Alto next generation firewalls are in high demand with in the cybersecurity field. This is a skill that our business and leadership team has identified as desirable.

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

CIS 94 — **Data Analysis Using Excel and Access**   ☐ ☐ ☑

Rationale: This course is being created as a part of an 8-unit state-approved Certificate Achievement.

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

Programs

New Programs	M N R	Discussion	Action

Certificate

CAT **Data Quick Start** ☐ ☐ ☑

Rationale: Centers of Excellence, employment for the data science occupational group is expected to increase by 7% between 2018-2023. In addition, local advisory has indicated a need for employees with strong Microsoft Excel and Access skills. This need is also documented in additional Centers of Excellence labor market report regarding Excel and Access skills which found out of 7,433 total job postings approximately 39% sought individuals with Microsoft Excel and Access skills. The Data Quick Start certificate the first of a planned stackable series of programs in data science designed to address those needs.

Tech Review: Approved, 6/2/2020
Consortium approval expected at June meeting.

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

H **LOT** **Optoelectronics** ☐ ☑ ☐   Will be brought back to Norco to vote down.

Rationale: Completing the requirements for this Certificate will prepare students with the basic skills needed to gain employment in optoelectronics. An employee with skills in optoelectronics is capable of working in the fields of semiconductor electronics, where computer circuitry and chips are made. In addition, camera and sensor technology relies heavily on optoelectronic devices to detect light optical source technology markets use optoelectronic components in the making of laser diode and light-emitting diode (LED) sources.

Tech Review: Approved, 11/20/2018
Check for courses - still in review

MOV: Info Item, 3/12/2019   **NOR:** Approved, 3/12/2019   **RIV:** Info Item, 3/12/2019
NCB: 11/12/19 - Curr.committee decided to put on hold pending rewrites per G. Graham.

Degree & Certificate

AUT **Automotive Engine Performance Specialist** ☐ ☐ ☑

Rationale: Certificate/degree is being created to more closely align with changes in Automotive Industry specialty areas. In Addition to Industry alignment, new certificate/degree will shorten time to completion for students specializing in this area of study.

Tech Review: Approved, 6/2/2020
Consortium approval expected at June meeting.

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

AUT **Automotive Undercar Specialist** ☐ ☐ ☑

Rationale: Certificate/degree is being created to more closely align with changes in Automotive Industry specialty areas. In Addition to Industry alignment, new certificate/degree will shorten time to completion for students specializing in this area of study.

Tech Review: Approved, 6/2/2020
Consortium approval expected at June meeting.

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

Programs

Program Modifications   M   N   R   Discussion   Action

Certificate

ADJ   **Investigative Technician**   ☐ ☐ ☑

Rationale: Current job opportunities for investigative assistants, investigative technicians, and evidence specialists within the region, along with input from Investigative Technicians and Investigators within the Bureau of Investigations at the District Attorney's Office, show that the responsibilities, technical skills, and industry knowledge required in these entry-level positions have increased significantly in recent years and the current certificate course listing was not sufficient or impressive to potential employers. Increasing the course requirements for this certificate, removing outdated classes, and seeking state approval provide a stronger foundation of criminal legal knowledge and technical investigative skill to students within the program. This is also reflected in the increased focus on professional communication (written and verbal) by requiring both ENG-1A and our new class offering, ADJ-24 Interviewing & Interrogation. Current ADJ program scheduling should allow for students to still potentially complete this certificate within 9-12 months, despite the increased credit requirement. The required courses in this certificate are also all required for the A.A.S in ADJ and/or the ADT (with transferable electives), allowing students to complete the certificate while also completing their AAS/ADT in ADJ or choose to continue their education after completing the certificate by continuing in the program and finish completion of the A.A.S. or ADT, further increasing their employability within the field. Further, changing the name of the certificate from Investigative Assistant to Investigative Technician further reflects the changes in the skills and knowledge provided and also more accurately meets the job descriptions and titles for most entry-level positions within the region, within both local, state, and federal agencies along with private organizations.

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

Degree & Certificate

AUT   **Automotive Electrical and Electronics Specialist**   ☐ ☐ ☑

Rationale: Certificate/degree is being updated to more closely align with changes in Automotive Industry specialty areas. Title change – formerly Automotive Technology Electrical. Update course numbering. Adding courses: AUT-6B Removing course: AUT-52B

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

AUT   **Automotive Powertrain Specialist**   ☐ ☐ ☑

Rationale: Certificate/degree is being updated to more closely align with changes in Automotive Industry specialty areas. In Addition to Industry alignment, new certificate/degree will shorten time to completion for students specializing in this area of study.

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020

AUT   **Automotive Hybrid and Electrical Vehicle Specialist**   ☐ ☐ ☑

Rationale: Updating certificate and degree title to better reflect the position associated with it. Course numbering is also being updated.

Tech Review: Approved, 6/2/2020

MOV: **NOR:**   **RIV:** Approved, 8/25/2020