

New and Inactivated Programs of Study Changes to Curriculum 2020-21

Sonoma County Junior College District/Santa Rosa Junior College

September 9, 2021

New Programs of Study

Associate Degrees for Transfer based on Transfer Model Curriculum

Description of the Proposed Change to Curriculum

Santa Rosa Junior College in the Sonoma County Junior College District (SCJCD) has been actively pursuing the implementation of Associate of Science (AS-T) and Associate of Arts (AA-T) degrees for transfer based on the Transfer Model Curriculum (TMC) developed by the Statewide Academic Senate, California Community College Chancellor's Office, and Chancellor of the CSU system.

The Need for the Change to Curriculum

In the past, all of the community colleges in California had different lower division preparations for different majors, and all of them had to articulate their majors separately with each CSU campus. This resulted in a patchwork of different requirements, making it more difficult for a student to navigate the system and transfer. The Associate Degree for Transfer is intended to benefit students by providing a consistent lower division transfer pattern at all California Community Colleges for participating majors. These students will be guaranteed admission in junior standing somewhere in the CSU system. The Associate Degrees for Transfer agreements explicitly forbid requiring "excess units" in these majors.

Anticipated Effects

Over time, we anticipate that Santa Rosa Junior College students will take fewer units, complete transfer majors more quickly, and transfer with coursework that will not have to be repeated at the CSU. In addition, the Associate Degree for Transfer saves taxpayer's because students are not taking excess units or being required to repeat content at a CSU campus that has already been learned at the community college.

Associate Degrees for Transfer approved by the Chancellor's Office since our last report:

None

Associate Degrees for Transfer pending Chancellor's Office approval:

- Film, Television, Electronic Media (AS-T)

Does the College have certificates or degrees in related disciplines to the new program?

- Yes. There exists a Film Studies Degree.

Other Associate Degrees for Transfer

N/A

Is this change substantive?

The District already has all of the necessary resources, including faculty, staff, learning resources, facilities and equipment to immediately begin offering the new degree.

The purpose and intended audience of the Associate Degree for Transfer is no different from the purpose and intended audience of the existing transfer degrees. For this reason, the change does not seem substantive.

Associate Degrees

New in 2020-21

- Pre-Veterinary - CCCCCO approved 5/17/2021
- Mechatronics: Industrial Maintenance Technician - CCCCCO approved 7/13/2021
- Mechatronics Technician - CCCCCO approved 7/13/2021

Pre-Veterinary

CCCCCO approved 5/17/2021

Does the College have certificates or degrees in related disciplines to the new program?

Yes, prior to this degree’s approval, the College had one certificate in the Veterinary Medicine field.

Description of the Proposed Change to Curriculum

Adding a new degree using existing courses.

The Need for the Change to Curriculum

Veterinary Medicine is an aspirational career field and there are passionate pre-veterinary students at Santa Rosa Junior College. This is a strong, stable, growing, recession-resistant industry in great need of educated employees. The educational pathway towards veterinary medicine is counter-intuitive to the assumptions of most students entering the SRJC from the local high schools. Unlike other health fields, and without a focused degree, there is currently a deficit in SRJC programs of study designed to provide Pre-Veterinary students with both industry-specific accurate insight and a sense of community.

Anticipated Effects

We anticipate 10-15 annual completers with strong, local employability.

Is this change substantive?

We do not believe this change is substantive as it is only a reformat of existing curriculum shared with our Veterinary Technician certificate.

Mechatronics: Industrial Maintenance Technician

CCCCO approved 7/13/2021

Does the College have certificates or degrees in related disciplines to the new program?

Yes. There are five proposed certificates and degrees in Mechatronics, including this, as well as two existing certificates in discipline-related fields.

Description of the Proposed Change to Curriculum

Adding a new degree using existing courses.

The Need for the Change to Curriculum

Within the Advanced Manufacturing industry sector, this degree will teach students core and necessary skills in this field. Upon completion of this program, students will be able to fabricate and construct mechanical assemblies from technical drawings using hand and machine tools; analyze, construct and test automated systems including electronic sensors, mechanical actuators and computer control; and demonstrate the ability to create Programmable Logic Controllers (PLCs) and microcontroller programs and properly interface them to input and output devices.

Anticipated Effects

We anticipate ten annual completers.

Is this change substantive?

We do not believe this change is substantive as it is only a reformat of existing curriculum. This degree shares coursework with the proposed certificate of the same title as well as the existing certificates: Industrial Maintenance Fundamentals and Electronic Technology Fundamentals.

Mechatronics Technician

CCCCO approved 7/13/2021

Does the College have certificates or degrees in related disciplines to the new program?

Yes. There are five certificates and degrees in Mechatronics, including this, as well as three in related-discipline certificates.

Description of the Proposed Change to Curriculum

Reconfiguring existing curriculum to create new degree.

The Need for the Change to Curriculum

Within the Advanced Manufacturing industry sector, this major will train students to perform the work of a manufacturing production technician in robotics environments and other automation technologies. A manufacturing technician sets up, tests, and adjusts manufacturing machinery or equipment, using any combination of electrical, electronic, mechanical, or computer technologies.

Anticipated Effects

We anticipate ten annual completers.

Is this change substantive?

We do not believe this change is substantive as it reformats existing curriculum. This degree shares coursework with the proposed certificate of the same name as well as these existing certificates: Electronic Technology Fundamentals, Industrial Maintenance, and Signal Technician.

Certificates of Achievement

New in 2020-21

- Mechatronics: Industrial Maintenance Technician - *CCCCO approved 7/13/2021*
- Mechatronics Technician - *CCCCO approved 7/13/2021*

[Mechatronics: Industrial Maintenance Technician](#)
CCCCO approved 7/13/2021

Does the College have certificates or degrees in related disciplines to the new program?

Yes. There are five proposed certificates and degrees in Mechatronics, including this, as well as two existing certificates in discipline-related fields.

Description of the Proposed Change to Curriculum

Adding a new certificate of achievement using existing courses.

The Need for the Change to Curriculum

This stackable certificate is one of two of the major Certificate of Achievements in the Mechatronics program. Within the Advanced Manufacturing industry sector, this certificate will teach students cores and necessary skills in this field. Upon completion of this program, students will be able to fabricate and construct mechanical assemblies from technical drawings using hand and machine tools; analyze, construct and test automated systems including electronic sensors, mechanical actuators and computer control; and demonstrate the ability to create Programmable Logic Controllers (PLCs) and microcontroller programs and properly interface them to input and output devices.

Anticipated Effects

We anticipate ten annual completers.

Is this change substantive?

We do not believe this change is substantive as it reformats existing curriculum. This certificate shares coursework with the proposed degree of the same name as well as these existing certificates: Industrial Maintenance Fundamentals and Electronic Technology Fundamentals.

Mechatronics Technician

CCCCO approved 7/13/2021

Does the College have certificates or degrees in related disciplines to the new program?

Yes. There are five certificates and degrees in Mechatronics, including this, as well as three in discipline-related discipline fields.

Description of the Proposed Change to Curriculum

Reconfiguring existing curriculum to create new certificate.

The Need for the Change to Curriculum

This stackable certificate is one of two Certificates of Achievement in the Mechatronics program. Within the Advanced Manufacturing industry sector, this certificate will train students to perform the work of a manufacturing production technician in robotics environments and other automation technologies. A manufacturing technician sets up, tests, and adjusts manufacturing machinery or equipment, using any combination of electrical, electronic, mechanical, or computer technologies.

Anticipated Effects

We anticipate ten annual completers.

Is this change substantive?

We do not believe this change is substantive as it reformats existing curriculum. This degree shares coursework with the proposed certificate of the same name as well as these existing certificates: Electronic Technology Fundamentals, Industrial Maintenance, and Signal Technician.

Inactivated Programs of Study

The following degrees and Certificates of Achievement (CoA) have been inactivated per Policy/Procedure 3.6/3.6P – Program Review, Evaluation, Revitalization and Discontinuance of the Sonoma County Junior College District Board Policy Manual. We do not believe inactivating any of these programs constitute a Substantive Change but please let us know if a Substantive Change needs to be submitted.

- Health Care Interpreter (AS) - *Board approved 12/8/2020*. Unable to find a qualified program coordinator for the Healthcare Interpreter (HCI) program. The former program coordinator for HCI has recommended that the program be discontinued after he searched extensively for someone to take over the HCI program. Further the enrollment

for the program has been low ranging from 1.98 - 4.62 FTES for all program courses from Fall 2017-Spring 2019. The number of awarded degrees and certificates has also been low. All students in the program have completed prior to the program being inactivated. New students seeking a Healthcare Interpreter must look elsewhere.

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- Pharmacy Technician (AS) - *Board approved 5/11/2021*. No longer offering required courses; program has been on hiatus. All students in the program have completed prior to the program being placed on hold.
- Pharmacy Technician (CoA) - *Board approved 5/11/2021*. No longer offering required courses; program has been on hiatus. All students in the program have completed prior to the program being placed on hold.

Non-Credit Certificates of Completion*

There were no new non-credit certificates in the 2020-2021 Academic Year.