

**SAN DIEGO COMMUNITY COLLEGE DISTRICT
CONTINUING EDUCATION
CREDIT BY EXAM AGREEMENT**

**San Diego Continuing Education
MECT 431 Air Conditioning/Heating I AND
MECT 432 Air Conditioning/Heating II**

&

**San Diego City College
AIRE 100 Basic Refrigeration and Air Conditioning Theory AND
AIRE 103 Basic Refrigeration and Air Conditioning Lab**

2019-2021

AGREEMENT SUMMARY

A student who completes the San Diego Continuing Education MECT 431 Air Conditioning/Heating I AND MECT 432 Air Conditioning/Heating II courses at any of the SDCCD Continuing Education sites and meets the San Diego Community College District defined performance and competency criteria outlined in this agreement will be granted up to 6 units of college credit at San Diego City College for AIRE 100 AND AIRE 103 Basic Refrigeration and Air Conditioning Theory. The student will receive the college credit(s) upon successful completion of CTE Transitions Credit by Exam certification process. Students may not repeat a course for credit via Credit by Exam.

Air Conditioning, Refrigeration and Environmental Control Technology

SDCE Course Number	SDCE Course Name	SDCCD Course Number	SDCCD Course Name	Units	Location	College Approved Credit by Exam Method
MECT 431	Air Conditioning/Heating I	AIRE 100	Basic Refrigeration and Air Conditioning Theory	4	City	Completion of final exam approved by college faculty with grade of B or better.*Exam will be administered at SDCE.
AND		AND				
MECT 432	Air Conditioning/Heating II	AIRE 103	Basic Refrigeration and Air Conditioning Lab	2	City	

The above table is a compilation of the San Diego Continuing Education MECT 431 and MECT 432 courses that are approved for credit by exam to the AIRE 100 and AIRE 103 courses at San Diego City College. Students requesting college credit by exam should refer to the section on the Associate Degree Requirements in an SDCCD catalog for further information regarding major requirements, district requirements, and general education requirements.

PURPOSE OF AGREEMENT

Through this articulation agreement in the field of Air Conditioning, Refrigeration and Environmental Control Technology Continuing Education and college faculty will coordinate instruction and student learning outcomes to ensure each articulated student's transition from Continuing Education to San Diego City College occurs without unnecessary duplication of effort or loss of credit.

Outlined below are additional reasons for establishing this articulation agreement:

1. Successful completion of the Continuing Education course identified in this agreement is recognized as an integral part of educational preparation in Air Conditioning, Refrigeration and Environmental Control Technology and related majors.
2. Students may apply the units acquired in the Continuing Education course/program toward Associate Degree requirements.
3. The process of coordinating and refining curricula in the articulated courses will result in an updated, more effective instructional program.
4. San Diego Community College District will benefit by retaining students who have attained proficiency in core competencies and demonstrated an interest in and commitment to the field of Air Conditioning, Refrigeration and Environmental Control Technology.
5. Continuing Education students will recognize the value of their instruction and fieldwork as part of their total career and life skills preparation.
6. Students become more aware of career opportunities and job requirements available in Air Conditioning and Heating, and Environmental Control Technology and other related fields.

IMPLEMENTATION PLAN

Continuing Education and San Diego City College will implement the SDCCD Credit by Exam Agreement using the plan specified below:

- A. Faculty from both programs will exchange course outlines and curricula including required tests, written assignments, extended projects, and any other curriculum and assessments necessary to determine the equivalency of the established student learning outcomes regarding the knowledge, skills, and abilities required for articulation through the Credit by Exam process.
- B. In order for a student to receive San Diego Community College District credit for San Diego Continuing Education's MECT 431 and MECT 432, the Student must:
 - a. Complete MECT 431 and MECT 432 with a grade of "B" or better,
 - b. Complete the college faculty approved final exam(s) and/or portfolio(s) with a grade of "B" or better,
 - c. Complete the SDCCD on-line college application and the Continuing Education Credit by Exam Certification form,
 - d. Submit the paperwork to the Continuing Education instructor/counselor.
- C. San Diego Continuing Education instructor/counselor must:
 - a. Assign course grade, date, and sign Continuing Education Credit by Exam Certification form in the packet, and
 - b. Send the packet to the Continuing Education Instructional Services Office, ECC, Room 113.
 - c. After review and approval, the forms will be forwarded to the District Career Education and Workforce Development Department for processing.
- D. To apply for and receive San Diego Community College District credit the student shall complete the agreed upon minimum curriculum competencies as stated in the course outline for the agreed upon courses and pass the Continuing Education course and college faculty approved exam with a grade of "B" or better. The course outlines can be viewed at www.sdccdcurricu.net/sdccd2/search/course/. For technical assistance, contact the CTE Transitions office at (619) 388-6572.

DEVELOPMENT AND ADMINISTRATION OF EXAMINATION

The nature and content of the examination shall be determined solely by the college faculty in the discipline who normally teach the course for which credit is to be granted. The college faculty shall determine that the examination adequately measures mastery of the course content as set forth in the outline of record.

A separate examination shall be conducted for each course for which credit is to be granted .

The college faculty approved Credit by Exam methods of assessment for this agreement are summarized on page one of this document. Methods of examination will reflect mastery of the course content for each college course listed in this agreement. The student must earn a letter grade of B or better on the faculty approved Credit by Exam method of examination in order to be awarded college credit.

The student's grade on the approved examination will become the college course grade.

CAREER PATHWAYS

The San Diego Community College District courses listed within this agreement (AIRE 100 and AIRE 103) are required for the following programs:

AIR CONDITIONING, REFRIGERATION AND ENVIRONMENTAL CONTROL TECHNOLOGY

CERTIFICATE OF PERFORMANCE*	CERTIFICATE OF ACHIEVEMENT*	ASSOCIATE OF SCIENCE DEGREE**	COLLEGE
Air Conditioning and Solar Energy; Basic Refrigeration and Control Systems	Advanced Air Conditioning and Direct Digital Control; Air Conditioning, Heating, and Advanced Refrigeration; Heating, Air Conditioning and Solar Energy; Heating, Ventilation and Air Conditioning Systems Design; Light Rail Vehicle Lineman; Stationary Facilities Engineering and General Maintenance Technician; Operating and Maintenance Engineers	Air Conditioning, Refrigeration, and Environmental Control Technology; Light Rail Vehicle Lineman; Operating and Maintenance Engineers	City College

*Please refer to the college catalog for a complete listing of course requirements for certificate and degree programs.

**Associate Degree requirements include general education courses in addition to the major prep requirements.

CERTIFICATION OF CREDITS

In order for a student to receive San Diego Community College District credit for San Diego Continuing Education’s MECT 431 and MECT 432 courses, the **Student** must:

1. Complete MECT 431 and MECT 432 with a grade of “B” or better,
2. Complete the college faculty approved final exam(s) with a grade of “B” or better,
3. Complete the SDCCD on-line college application and the Continuing Education Credit by Exam Certification form,
4. Submit the paperwork to the Continuing Education instructor/counselor.

San Diego Continuing Education instructor/counselor must:

1. Assign course grade, date, and sign Continuing Education Credit by Exam Certification form in the packet, and
2. Send the packet to the Continuing Education Instructional Services Office, ECC, Room 113.
3. After review and approval, the forms will be forwarded to the District Career Education and Workforce Development Department for processing.