



SAN DIEGO COMMUNITY COLLEGE DISTRICT

CITY COLLEGE • MESA COLLEGE • MIRAMAR COLLEGE • COLLEGE OF CONTINUING EDUCATION

CTE TRANSITIONS CREDIT BY EXAM AGREEMENT

San Diego Continuing Education
ELRN 451 Electronic Technician I AND
ELRN 452 Electronic Technician II

&

San Diego City College
ELDT 124 Basic DC Electronics (4 units)
ELDT 124L Basic DC Laboratory (1 unit)
ELDT 143 Semiconductor Devices (3 units)
ELDT 143L Semiconductor Devices Laboratory (1.5 units)

2023-2025

AGREEMENT SUMMARY

A student who completes the San Diego College of Continuing Education (SDCCE) course(s), ***ELRN 451 and ELRN 452***, and meets the San Diego Community College District defined performance and competency criteria outlined in this agreement, will be granted college credit at **San Diego City College** for one or more of the courses listed in the table below. The student will receive college credits upon successful completion of all SDCCE's Credit by Exam requirements.

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| SDCCE Course Number: | ELRN 451 and ELRN 452 |
| College Course Number: | ELDT 124 and ELDT 124L and ELDT 143 and ELDT 143L |
| SDCCD College: | San Diego City College |
| Units: | 9.5 units |
| College Approved Credit by Exam Method: | Completion of final exams approved by college faculty with grade of B or better. |
| Testing location/proctor: | Exams administered by SDCCE by SDCCE Faculty |
| Industry Sector: | Advanced Manufacturing |
| SDCCE Program Area: | Electronic Technician |
| College Program Area: | Electronics |
| Agreement Effective Dates: | Academic Years 2023-24 and 2024-25 |

Table 1.

PURPOSE OF AGREEMENT

CTE Transitions Noncredit-to-Credit Articulation Credit by Exam is an early college credit model based on course-to-course agreements that connect existing San Diego College of Continuing Education (SDCCE) career education courses to Career Education degrees and certificates at San Diego City, Mesa, and Miramar Colleges through a credit by exam process. The primary purpose is to accelerate credit college career education degree or certificate completion.

The process of developing an agreement connects credit college faculty to the noncredit SDCCE faculty and supports pathway alignment from the SDCCE career education pathways to credit college career education programs.

Agreement Development:

- Builds faculty to faculty partnerships
- Supports curricular updates, modernization, and alignment
- Increases the College of Continuing Education student awareness of occupational pathways and opportunities at the community colleges
- Encourages the collaborative development of additional student opportunities to engage with the community colleges and further explore careers

Successful completion of the approved course(s) entitles students to:

- Earn SDCCD college credit (and in some instances, university transferable credit)
- Waive fees for college course(s) completed through the credit by exam program
- Use the course to meet degree or certificate requirements
- Advance to the next level of college classes for which this course serves as a prerequisite

EXAMINATION DEVELOPMENT AND ADMINISTRATION

Development: Faculty from both institutions and 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 by the Noncredit to Credit Articulation credit by exam process.

Methods of Examination: As outlined in California's Education Code of Regulations (5 CA ADC § 55050), 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 credit college faculty shall determine that the approved final assessment adequately measures mastery of the course content as set forth in the outline of record.
- Methods of examination will reflect mastery of the course content for each college course listed in this agreement. The approved methods of assessment for this agreement are indicated on page one (table 1) of this document and noted as the final assessment.
- A separate examination (final assessment) shall be conducted for each course for which credit is to be granted.
- The approved method(s) of examination will be integrated into the SDCCE's noncredit course curriculum as the final assessment. All enrolled students will have an opportunity to sit for the final assessment within the course.
- The SDCCE noncredit faculty will administer the credit college faculty approved final assessment to all students enrolled in the course
- The SDCCE faculty will provide final assessment grades for all students in the course.
- The SDCCE faculty will also provide overall course grades for all students enrolled in the course.
- Both the final assessment grade and the overall course grade should be submitted with campus solutions.
- Copies of the approved methods of examination (final assessment) are to be held on file at the SDCCD District Office, credit college's Office of the Vice President of Instruction, and at the SDCCE's Vice President of Instruction Office.
- Final assessments may include one or more methods of examination (final project, portfolio, written exam, etc.). However, all credit earned through the noncredit articulation credit by exam process will be transcribed on the credit college transcript as Credit by Exam (CBE) – regardless of the formal of the credit college approved final assessment.

The College of Continuing Education **faculty/counselor** must:

- Provide CTE Transitions Credit by Exam information to SDCCE students within the class syllabus and during the first week of class. Ensure the students are aware they may be eligible for college credit.
- Fully integrate the college approved final assessment into the course. Administer the approved final assessment to all students participating in the course.
- Grade all students participating in the course (final assessment grade and overall course grade).
 - Students must receive an overall course grade of "C" or better and a grade of "B" or better on the college approved final assessment.
 - Enter the student's overall course grade and final assessment grade in Campus Solutions 7 days from the course end date.

REQUIREMENTS AND CERTIFICATION OF CREDITS

In order for a student to receive college credit through CTE Transitions Noncredit to Credit Articulation Credit by Exam, an active agreement with a college must be in place for a course at the time a College of Continuing Education student is enrolled in that course.

The College of Continuing Education **student** must:

- Complete the course(s) identified in this agreement (Table 1 on page 1) with an overall course grade of “A”, “B” or “C.”
- Complete the college faculty approved final assessment with a grade of “A” or “B”.
- Complete the SDCCD online college application for City, Mesa, or Miramar College

CTE Transitions Noncredit to Credit Articulation Credit by Exam Agreements are available for SDCCE career education courses only. The credit college course must be active at the time of enrollment. SDCCD credit cannot be offered for college courses that are not active.

Students may not repeat a course for credit via credit by exam.

CAREER PATHWAYS

The San Diego Community College District course listed within this agreement is required for the following programs:

| College Course: ELDT 124 | | | |
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| COLLEGE | CERTIFICATE OF PERFORMANCE* | CERTIFICATE OF ACHIEVEMENT* | ASSOCIATE OF SCIENCE DEGREE** |
| City College | Electromechanical Technology; Electronics Technician Level I | Communications Technician Apprenticeship; Electronic Communication Systems; Electronic Microprocessor/Microcontroller Design; Electronics; Light Rail Vehicle Lineman; Revenue Maintainer; San Diego Transit Electronic Technician Apprenticeship | Communications Technician Apprenticeship; Electromechanical Engineering Technology; Electronic Communication Systems; Electronic Microprocessor/Microcontroller Design; Liberal Arts & Sciences: Scientific Studies Mathematics and Pre-Engineering; Light Rail Vehicle Lineman; Revenue Maintainer; San Diego Transit Electronic Technician Apprenticeship; Wayside Lineman |

| College Course: ELDT 124L | | | |
|----------------------------------|---|--|--|
| COLLEGE | CERTIFICATE OF PERFORMANCE* | CERTIFICATE OF ACHIEVEMENT* | ASSOCIATE OF SCIENCE DEGREE** |
| City College | Electromechanical Technology; Electronics Technician Level I | Communications Technician Apprenticeship; Electronic Communication Systems; Electronic Microprocessor/Microcontroller Design; Electronics; Light Rail Vehicle Lineman; Revenue Maintainer; San Diego Transit Electronic Technician Apprenticeship; Solar Turbines, Inc. Apprenticeship | Communications Technician Apprenticeship; Electromechanical Engineering Technology; Electronic Communication Systems; Electronic Microprocessor/Microcontroller Design; Liberal Arts & Sciences: Scientific Studies Mechanics and Pre-Engineering; Light Rail Vehicle Lineman; Revenue Maintainer; San Diego Transit Electronic Technician Apprenticeship; Wayside Lineman |

| College Course: ELDT 143 | | | |
|---------------------------------|---------------------------------------|---|---|
| COLLEGE | CERTIFICATE OF PERFORMANCE* | CERTIFICATE OF ACHIEVEMENT* | ASSOCIATE OF SCIENCE DEGREE** |
| City College | Advanced Electromechanical Technology | Communications Technician Apprenticeship; Electronic Communication Systems; Electronic Microprocessor/Microcontroller Design; Electronics; Light Rail Vehicle Lineman; Revenue Maintainer; San Diego Transit Electronic Technician Apprenticeship | Communications Technician Apprenticeship; Electromechanical Engineering Technology; Electronic Communication Systems; Electronic Microprocessor/Microcontroller Design; Light Rail Vehicle Lineman; Revenue Maintainer; San Diego Transit Electronic Technician Apprenticeship; Wayside Lineman |

| College Course: ELDT 143L | | | |
|----------------------------------|---------------------------------------|--|---|
| COLLEGE | CERTIFICATE OF PERFORMANCE* | CERTIFICATE OF ACHIEVEMENT* | ASSOCIATE OF SCIENCE DEGREE** |
| City College | Advanced Electromechanical Technology | Communications Technician Apprenticeship; Electronic Communication Systems; Electronic Microprocessor/Microcontroller Design; Electronics; Light Rail Vehicle Lineman; Revenue Maintainer; San Diego | Communications Technician Apprenticeship; Electromechanical Engineering Technology; Electronic Communication Systems; Electronic Microprocessor/Microcontroller Design; Light |

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| | | Transit Electronic Technician Apprenticeship | Rail Vehicle Lineman; Revenue Maintainer; San Diego Transit Electronic Technician Apprenticeship; Wayside Lineman |
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*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. Please refer to the college catalog for a complete listing of course requirements for certificate and degree programs.