



DEPARTMENT OF EDUCATION

The Townsend Building
401 Federal Street Suite 2
Dover, Delaware 19901-3639
DOE WEBSITE: http://www.doe.k12.de.us

Susan S. Bunting, Ed.D.
Secretary of Education
Voice: (302) 735-4000
FAX: (302) 739-4654

MEMORANDUM OF UNDERSTANDING
BETWEEN
DELAWARE TECHNICAL COMMUNITY COLLEGE
AND THE
DELAWARE DEPARTMENT OF EDUCATION
On Behalf of Local Education Agencies in the State Of Delaware*

July 2019 – June 2022
(Three-year Term)

The Delaware Department of Education (DDOE) and Delaware Technical Community College (DTCC) enter into this articulation agreement in order to facilitate the enrollment of students from the Delaware Engineering, Project Lead The Way, Career and Technical Education (CTE) Program of Study into the Delaware Technical Community College.

Subject to terms of this agreement, a student who successfully completes the Delaware Engineering, Project Lead The Way CTE Program of Study, which includes the following coursework: Introduction to Engineering Design; Principles of Engineering; Digital Electronics; Aerospace Engineering; Civil Engineering & Architecture; and Engineering Design & Development, will be granted advanced standing in the Architectural Engineering Technology, Civil Engineering Technology, Surveying and Geomatics Engineering Technology, Environmental Engineering Technology, Design Engineering (Mechanical) Technology, Computer Aided Drafting and Design, Electromechanical Engineering Technology, or Electronics Engineering Technology, with the following options: Biomedical, Instrumentation, or Computer Engineering, programs at DTCC, specifically:

When a student completes the above coursework as part of an approved CTE program at the secondary level – then the student may enter DTCC in the identified programs with advanced standing in the following courses – and earn the following number of credits –

Architectural Engineering Technology, Civil Engineering Technology, Surveying and Geomatics Engineering Technology, Environmental Engineering Technology, Design Engineering (Mechanical) Technology, Computer Aided Drafting and Design:

Table with 6 columns: Program of Study Course Title, Other Required Courses for Advanced Standing, DTCC Course Code, DTCC Course Title, Number of Credits, Type of Advanced Standing.

Engineering (PLTW) All courses in the pathway including (minimally): Introduction to Engineering Design; Principles of Engineering; AND Aerospace Engineering (AE), Civil Engineering & Architecture (CEA), Digital Electronics (DE), AND/OR Engineering Design and Development (EDD)	Pre-Calculus with Demonstration of Mathematics and English Language Arts Readiness	EDD 171	Introduction to Computer Aided Drafting using AutoCad	3 Credits	Articulation
		ELC 127*	Digital Electronics	4 Credits	Articulation

*DTCC ELC127 is only awarded if the student successfully completes Digital Electronics as part of their program of study.

Electromechanical Engineering Technology, Electronics Engineering Technology, with the following options: Biomedical, Instrumentation, or Computer Engineering

Program of Study Course Title:	Other Required Courses for Advanced Standing	DTCC Course Code:	DTCC Course Title:	Number of Credits:	Type of Advanced Standing:
Engineering (PLTW) All courses in the pathway including (minimally): Introduction to Engineering Design; Principles of Engineering; AND Aerospace Engineering (AE), Civil Engineering & Architecture (CEA), Digital Electronics (DE), AND/OR Engineering Design and Development (EDD)	Pre-Calculus with Demonstration of Mathematics and English Language Arts Readiness	ELC 127*	Digital Electronics	4 Credits	Articulation

*DTCC ELC127 is only awarded if the student successfully completes Digital Electronics as part of their program of study.

The terms of this agreement are as follows:

Delaware Local Education Agency will:

- Submit and have approved a Delaware Engineering, Project Lead The Way CTE Program of Study proposal;

- Offer the Delaware Engineering, Project Lead The Way CTE Program of Study as stated in the program proposal;
- Communicate details of the CTE program and this agreement to all stakeholders, which includes but is not limited to – members of the local advisory committee, principals, school counselors, teaching staff, parents, and students;
- Communicate advanced standing status to parents and students; and
- Identify an Engineering, Project Lead The Way contact person at the local education agency central office who will communicate with DTCC regarding this agreement.

Students will:

- Complete the entire Delaware Engineering, Project Lead The Way CTE Program of Study by successfully completing all required courses;
- Take and pass the identified PLTW End of Course Assessment with a stanine score of 6 or higher for each certification area as appropriate;
- Earn a grade of 80% or higher in the Delaware Engineering, Project Lead The Way CTE Program of Study courses and maintain an overall grade point average of 2.5;
- Receive a high school diploma;
- Meet all academic prerequisites as defined above and within the Program of Study;
- Meet the admission dates and procedures that apply to all new students at DTCC;
- Apply within five years of high school graduation to be accepted; and
- Provide a copy of their official transcript and/or attainment of industry recognized credential upon request.

Delaware Technical Community College will:

- Award the appropriate number of academic and/or technical credits upon completion of the student's requirement – as specified in this agreement and upon appropriate review of the student's high school transcript and standing at the college;
- Provide timely notice to stakeholders regarding any major changes to relevant Delaware Technical Community College programs including, but not limited to, programs under review to be eliminated
- Ensure credits are recorded on the student's transcript;
- Communicate details of this agreement to all stakeholders, which includes but is not limited to – academic leadership, department chair(s), faculty and adjunct faculty, customer service staff, program managers, career development office, and admissions; and
- Provide the Delaware Department of Education with the number of students matriculating from the Delaware CTE Program of Study into the Architectural Engineering Technology, Civil Engineering Technology, Surveying and Geomatics Engineering Technology, Environmental Engineering Technology, Design Engineering (Mechanical) Technology, Computer Aided Drafting and Design, Electromechanical Engineering Technology, or Electronics Engineering Technology, with the following options: Biomedical, Instrumentation, or Computer Engineering with advanced standing and the number of credits articulated.

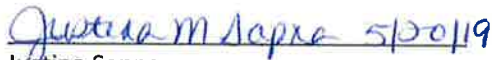
Delaware Department of Education will:

- Communicate details of this agreement to all stakeholders, which includes but is not limited to – local education agency staff, business and industry partners, state agencies, and community members;
- Provide DTCC with a list of approved Delaware Engineering, Project Lead The Way CTE Program of Study and local education agency contact information;

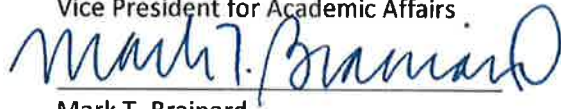
- Update and maintain the Delaware Engineering, Project Lead The Way CTE Program of Study in partnership with the institution of higher education and business & industry partners;
- Update and maintain the Delaware Engineering, Project Lead The Way CTE Program of Study articulation agreement in partnership with the institution of higher education; and
- Share with DTCC a list of students who have completed pathway and technical skill attainment.

Delaware Technical Community College will work with staff from the Delaware Department of Education to support Career and Technical Education programs and provide local education agencies with technical assistance and information to help students matriculate to DTCC. The Admissions Office of DTCC will work with students to assist in the registration process.

For Delaware Technical Community College:

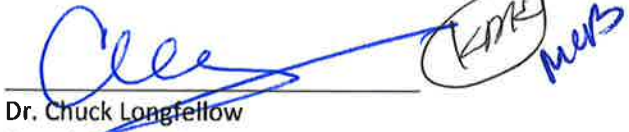
 5/20/19

Justina Sapna
Vice President for Academic Affairs



Mark T. Brainard
President

For Delaware Department of Education:

 (KPK) MMB

Dr. Chuck Longfellow
Associate Secretary, Operations Support

 6/13/19

Dr. Monica Gant, Ph.D.
Associate Secretary, Academic Support

DOE Workgroup Director Initials: LSR

DOE Finance Director Initials: _____