

Delaware Tech Community College: Associate of Applied Science (A.A.S.) in Civil Engineering Technology
Old Dominion University: BS in Engineering Technology, Civil Engineering Technology

2025-2028 A.A.S. Transfer Agreement Guide

| Complete at Delaware Tech Community College | | | | Complete at Old Dominion University | | |
|--|---------|--|-------|--|---------|-------|
| AAS DEGREE REQUIREMENT | | | | BS DEGREE REQUIREMENT | | |
| DTCC Course | Credits | ODU Equivalent Course | Notes | ODU Course | Credits | Notes |
| SSC 100 First Year Seminar | 1 | GNRL 1ELE General Elective | | PHYS 112N General Physics II or PHYS 232N University Physics II | 4 | 1,2 |
| CET 125 Civil & Environmental Drafting & Design | 3 | CET 120 Civil 2D Computer Aided Drafting | | CHEM 121N Foundations of Chemistry I and CHEM 122N Lab (or CHEM 120 lab for online programs) | 4 | 1,2 |
| EDD 171 Introduction to CAD using AutoCAD | 3 | CET 260 CAD for Building Applications | | Social Science Requirement | 3 | 1,3 |
| ENG 101 Composition I | 3 | ENGL 110C English Composition | | Humanities Requirement | 3 | 1,4 |
| MAT 281 Calculus I | 4 | MATH 211 Calculus I | 1,5 | Upper Division General Education | 6 | 7 |
| CET 135 Engineering Materials | 3 | CET 210 Fundamentals of Building Construction | | CET Elective Courses | 15 | |
| CET 144 Surveying Principles | 4 | CET 205 Principles of Surveying | | ENGN 122 Computer Programming for Engineering | 4 | |
| CMT 120 Residential Cost Estimating | 3 | GNRL 1 Elective | | CET 221 Materials Testing Lab | 1 | |
| ENG 102 Composition II | 3 | ENGL 211C Writing, Rhetoric, and Research | | CET 301 Intro to Structural Design | 4 | |
| MAT 193 Reasoning with Functions II or MAT 282 Calculus II | 4 | MATH 1REQ or MATH 2ELE | 1,5 | CET 330 Fluid Mechanics | 4 | |
| PHY 205 General Physics I or PHY 281 Physics I with Calculus | 4 | PHYS 111N Intro to General Physics or PHYS 231N University Physics I | 1,2 | CET 355 Sustainable Building Practices | 3 | |
| CET 240 Hydraulics and Hydrology | 4 | ENGN 2ELE Engineering Elective (sub for ENGN 121 Intro to Engineering and Technology) | 6 | CET 340 Soils & Foundations | 3 | |
| CET 247 Route Surveying and Design | 3 | ENGN 2ELE Engineering Elective | | CET 341 Soils Testing Laboratory | 1 | |
| CET 225 Civil CAD Applications | 3 | CET 265 Civil 3D CAD | | CET 361 Construction Project Management | 3 | |
| GIS 101 Introduction to GIS | 3 | GNRL 1ELE General Elective | | ENMA 302 Engineering Economics | 3 | |
| MET 132 Statics or CET 258 Statics with Calculus | 3 | CET 200 Statics | | ENGT 434 Intro to Senior Design Project | 3 | |
| CET 236 Soils | 3 | CET 2ELE Civil Engineering Elective | | ENGT 435W Senior Design Project | 3 | |
| CET 224 Principles of Site Development | 4 | ENGN 2ELE Engineering Elective | | ENMA 480 Ethical Leadership in Engr. Applications | 3 | |
| MET 242 Strength of Materials or CET 270 Solid Mechanics with Calculus | 3 | CET 220 Strength of Materials | | | | |
| Social Science Elective: HIS 112, PSY 121, or SOC 103 | 3 | General Education Requirement, PSYC 201S Intro to Psychology, or SOC 2ELE Sociology Elective | 1,4 | | | |

CREDITS PRE-TRANSFER: 64

CREDITS POST-TRANSFER: 70

Numbered Notes:

- **Note 1: Transfer Course Options:** Before enrolling in an DTCC lower-level general education course, **it is highly advisable that students seek guidance from an ODU enrollment coordinator.** Courses can be completed at either DTCC or at ODU, and/or approved standardized examination (i.e., CLEP, DSST).
- **Note 2: Science Requirements.** Physics I and II, as well as Chemistry I with a lab are ODU CET departmental requirements. Students may complete Physics II and Chemistry I requirements at DTCC or ODU. Physics courses must be completed in sequence (PHY 205/206 or PHY 281/282). Students who take DTCC's PHY 205 may either complete PHY 206 General Physics II at DTCC or PHYS 112N General Physics II at ODU. Students who take DTCC's PHY 281 may either complete PHY 282 Physics II with Calculus at DTCC or PHYS 232N University Physics II at ODU. Students may take CHM 150 Chemical Principles at DTCC to transfer in as CHEM 121N Foundations of Chemistry I and CHEM 122N Lab to meet the ODU CET Chemistry requirement.
- **Note 3: Social Science Requirement.** ODU requires 6 credit hours of lower-division Social Science. PSY 121 General Psychology at DTCC fulfills 3 of these credit hours, leaving students with 3 additional credit hours to complete. These may be completed at DTCC or ODU.
- **Note 4: Humanities Requirement.** DTCC students will need to complete 3 additional credit hours in ODU lower-division Humanities. This may be completed at DTCC or ODU.
- **Note 5: Math Requirement.** CET students at DTCC have the option of completing MAT 193 Reasoning with Functions II or MAT 282 Calculus II. MAT 193 will transfer to ODU as a lower-level general education requirement therefore it is highly recommended students select MAT 193. The ODU CET program requires Math through Calculus I; therefore, students should complete MAT 281 Calculus I at DTCC which will transfer to ODU as MATH 211 Calculus I. Students who do not transfer in an equivalent course to MATH 211 Calculus I will need to complete the CET math requirement at ODU.
- **Note 6: Course Substitution.** For students following this agreement, CET 240 Hydraulics and Hydrology may substitute to meet ODU's ENGN 121 Intro to Engineering and Technology program requirement.
- **Note 7: Upper Division General Education.** Students may complete either a minor or 6 credits of approved upper division (300/400 level) courses to meet the Upper-Division General Education requirement. The ODU CET major requires ENMA 302 Engineering Economics and ENMA 480 Ethical Leadership in Engineering Applications, which will also satisfy two courses in the Engineering Management minor. To complete a **minor in Engineering Management**, an additional 6 credit hours in either project management, decision techniques, or risk analysis are required.

General Notes:

- Completion of this transfer agreement guide alone does not guarantee admission to Old Dominion University. All students must meet the requirements set by the Office of Admissions.
- Lower-Division General Education waiver and course substitutions are not automatic upon enrollment to ODU. Students must notify their ODU academic advisor for these to be processed upon verification.
- Grade of C or higher is required to receive transfer course credit from AAS courses.
- A minimum of 120 credit hours is required for graduation. Students must earn a minimum of 30 credits at Old Dominion University to be eligible for a degree.
- Course requirements listed in this agreement are based on the 2025-2026 catalogs for each institution and are valid until 2028, unless annual catalog curriculum changes or an updated agreement guide is created.
- **Students are encouraged to complete the Letter of Intent (LOI) to gain access to exclusive benefits, including pre-advising, coaching, and a waived application fee. Submit the LOI at <https://online.odu.edu/transfer-intent> to connect with an ODU enrollment coordinator.** Contact academicpartnerships@odu.edu for questions about this transfer agreement.