

Springfield Technical Community College: Associate of Science in Civil Engineering Technology

ODUGlobal (Old Dominion University): BS in Engineering Technology, Civil Engineering Technology

2025-2028 Transfer Guide

Complete at Springfield Technical Community College (STCC)				Complete at Old Dominion University (ODU)		
AS DEGREE REQUIREMENT				BS DEGREE REQUIREMENT		
STCC Course	Credits	ODU Equivalent Course	Notes	ODU Course	Credits	Notes
CET 115 Construction Materials and Methods	3	CET 210 Fundamentals of Building Construction		MATH 162M Pre-Calculus I	3	1
CET 151 CAD for Construction and CET151L Lab	4	CET 120 Civil 2D Computer Aided Drafting and CET 260 CAD Building Applications		MATH 163 Pre-Calculus II	3	1
CET 160 Plans and Specifications	3	CET 1ELE (sub for ENGN 121 Introduction to Engineering & Technology)	5	MATH 211 Calculus I	4	1
ENG 101 English Composition 1	3	ENGL 110C English Composition		PHYS 112N Introductory General Physics	4	1,4
MAT 124 Technical Math 1	4	MATH 1ELE Elective		Social Science General Education Requirement	3	2
ENG 104 Eng Comp 2: Technical & Professional Writing	3	WC 2REQ Writing Requirement		Humanities General Education Requirement	3	3
CET 120 Construction Estimating and CET 120L Lab	3	CET 1ELE Elective		Upper Division General Education	6	6
CET 135 Hydraulics and Hydrology	3	CET 1ELE Elective		CET Senior Electives	15	
CET 150 Advanced CAD for Construction and CET 150L	3	CET 265 Civil 3D CAD		ENGN 122 Computer Programming for Engineering	4	
PHY 221 Physics 1 and PHY 221L Lab	4	PHYS 111N Introductory General Physics	4	CET 260 CAD for Building Applications	2	
CHM 111 General Chemistry I and CHM 111L Lab	4	CHEM 121N Foundations of Chemistry I and CHEM 122N Lab	4	CET 301 Intro to Structural Design	4	
CET 210 Surveying I and CET 210L Lab	4	CET 205 Principles of Surveying		CET 330 Fluid Mechanics	4	
CET 215 Construction Materials	2	CET 2ELE (sub for ENGN 121 Introduction to Engineering & Technology)	5	CET 355 Sustainable Building Practices	3	
CET 215L Construction Materials Lab	1	CET 221 Material Testing Laboratory		CET 340 Soils & Foundations	3	
CET 245 Statics and Strength of Materials	3	ENGT 200 Statics		CET 341 Soils Testing Laboratory	1	
ECN 101 Introduction to Microeconomics	3	ECON 201S Principles of Macroeconomics	2	CET 361 Construction Project Management	3	
CET 220 Construction Management	3	CET 2ELE Elective		ENMA 302 Engineering Economics	3	
CET 231 Transportation Engineering	3	CET 2ELE Elective		ENGT 434 Intro to Senior Design Project	3	
CET 246 Structures	3	ENGT 220 Strength of Materials		ENGT 435W Senior Design Project	3	
CET 260 Project Scheduling and CET 260L Lab	3	CET 2ELE Elective		ENMA 480 Ethical Leadership in Engr. Applications	3	

CREDITS PRE-TRANSFER: 62			CREDITS POST-TRANSFER: 77			

Numbered Notes:

- **Note 1: Transfer course options.** Lower-level general education courses for the Civil Engineering Technology (CET) program at ODU can be completed at either STCC or at ODU, and/or approved standardized examination (i.e., CLEP, DSST). **Before enrolling in an STCC general education course, it is highly advisable that students seek guidance from an ODU enrollment coordinator to ensure maximum transfer success.** The combination of PHY 222 Physics 2 and PHY 222L Lab Physics 2 at STCC will transfer as ODU's PHYS 112N Introductory General Physics.
- **Note 2: Social Science Requirement.** STCC students will need to complete 3 credit hours in ODU lower-division Social Science. This may be completed at STCC or ODU.
- **Note 3: Humanities Requirement.** STCC students will need to complete 3 credit hours in ODU lower-division Humanities. This may be completed at STCC or ODU.
- **Note 4: STCC Lab Science Requirement.** ODU CET program requires General Physics I and General Chemistry. STCC students are strongly recommended to select PHY 221 Physics I and PHY 221 Physics I Lab, as well as CHM 111 General Chemistry I and CHM 111 Lab at STCC. Students who do not select those courses at STCC will need to complete PHYS 112N Introductory General Physics and CHEM 121N/120N General Chemistry with lab at ODU.
- **Note 5: Substitution.** The combination of CET 160 and CET 215 at STCC will substitute for ODU's ENGN 121N for students following this transfer agreement.
- **Note 6: 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:

- This guide is for advising and planning purposes only. Degree requirements are subject to change.
- Completion of this transfer 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.
- 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 2029, 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>.