

Wake Technical Community College: Associate of Applied Science in Civil Engineering Technology
ODUGlobal (Old Dominion University): BS in Engineering Technology, Civil Engineering Technology

2025-2028 Transfer Agreement Guide

Complete at Wake Technical Community College				Complete at Old Dominion University		
AAS DEGREE REQUIREMENT				BACHELOR'S DEGREE REQUIREMENT		
WTCC Course	Credits	ODU Equivalent Course	Notes	ODU Course	Credits	Notes
ACA 115 Success & Study Skills	1	UIV 100 University Orientation		CHEM 121N and CHEM 122N	4	1
UAS 111 Unmanned Aircraft Systems	3	GNRL 1ELE		PHYS 111N Intro General Physics I	4	1
CEG 111 Intro to Gis and Gnss	4	ENGN 1ELE		PHYS 112N Intro General Physics II	4	1
CEG 115 Intro to Tech & Sustainability	3	ENGN 121		MATH 211 Calculus I	4	1
ENG 111 Expository Writing	3	ENGL 110C English Composition		ENGL 211C Writing, Rhetoric & Research	3	1
SRV 110 Surveying I	4	CET 205 Principles of Surveying		Liberal Arts Requirement	9	3
CEG 151 CAD for Engineering Technology	3	CET 120 Civil 2D Computer Aided Drafting		Upper Division General Education	6	4
CEG 210 Construction Materials & Methods	3	CET 210 Fundamentals of Building Construction		CET Electives	15	
UAS 150 UAS Flight Simulation	3	GNRL 1ELE		ENGN 122 Computer Programming for Engineering	4	
PSY 150 General Psychology	3	PSYC 201S Intro to Psychology		ENGT 220 Strength of Materials	3	
EGR 251 Statics	3	CET 200 Statics		CET 221 Materials Testing Lab	1	
CEG 211 Hydrology & Erosion Control	3	ENGN 2ELE		CET 260 CAD for Building Applications	2	
SRV 111 Surveying II	4	ENGN 1ELE		CET 301 Intro to Structural Design	4	
CEG 235 Proj. Mgmt/Estimating	3	ENGN 2ELE		CET 330 Fluid Mechanics	4	
CIV 111 Soils & Foundations	4	ENGN 1ELE		CET 355 Sustainable Building Practices	3	
UAS 230 UAS Aerial Photo Surveys	3	GNRL 1ELE		CET 265 Civil 3D CAD	2	
PHI 240 Intro to Ethics	3	PHIL 230E Intro to Ethics		CET 340 Soils & Foundations	3	
COM 231 Public Speaking	3	COMM 101R Intro Public Speaking		CET 341 Soils Testing Laboratory	1	
CEG 212 Intro to Environmental Technology	3	ENGN 2ELE		CET 361 Construction Project Management	3	
CEG 230 Subdivision Planning & Design	3	ENGN 2ELE		ENMA 302 Engineering Economics	3	
Math Elective: MAT 121 Algebra/Trigonometry I or MAT 171 Precalculus Algebra	3 or 4	MATH 162M Pre-Calculus I		ENGT 434 Intro to Senior Design Project	3	
Major Elective: MAT 172 Precalculus Trigonometry	4	MATH 163 Pre-Calculus II	2	ENGT 435W Senior Design Project	3	

				ENMA 480 Ethical Leadership in Engr. Applications	3	
CREDITS PRE-TRANSFER: 69-70				CREDITS POST-TRANSFER: 91		

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 WTCC or ODU. If students choose to complete these courses at WTCC, the following equivalencies will apply: HM 151 General Chemistry at WTCC will transfer to ODU as CHEM 121N and 122N. PHY 151 College Physics I at WTCC will transfer to ODU as PHYS 11N. PHY 152 College Physics II at WTCC will transfer to ODU as PHYS 112. MAT 271 Calculus I at WTCC will transfer to ODU as MATH 211. ENG 112 Writing/Research in the Disciplines will transfer to ODU as ENGL 211C Writing, Rhetoric & Research.
- **Note 2: WTCC Major Elective.** Students are directed to select MAT 172 Precalculus Trigonometry to meet the prerequisite for MATH 211 Calculus I at ODU. Students who select other major electives (ISC 121 Environmental Health & Safety, SRV 240 Topo/Site Surveying, WBL 112DH Work-Based Learning I, WBL 120 Career Readiness/Explore/Employ) will receive equivalent elective credit but will need to complete MATH 163 Pre-Calculus II at ODU before enrolling in MATH 211.
- **Note 3: Liberal Arts Requirement.** 9 additional credit hours in ODU lower-division general education areas of Literature, Human Creativity, Philosophy and Ethics, Interpreting the Past, Human Behavior, and Language and Culture. Among the 9 credits required, a maximum of 3 credits may be met by Human Behavior. Any additional courses needed to complete the Liberal Arts requirement may be taken at WTCC, ODU, and/or approved standardized examination (i.e., CLEP, DSST).
- **Note 4: Upper Division General Education.** Complete 6 credits of approved upper division (300/400 level) courses to meet the Upper-Division General Education requirement. **Minor Option:** 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.
- 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 2024-2025 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>.
- Contact academicpartnerships@odu.edu to participate in this transfer agreement and connect with an ODU enrollment coordinator for pre-admission advising.

Signed by:

 Signature 98DFB767264D48B... Date 7/2/2025

Dr. Scott Ralls
 President
 Wake Technical Community College

Janice Hawkins

 Digitally signed by Janice Hawkins
 Date: 2025.07.07 10:39:43 -04'00'
 Signature Date

Dr. Janice Hawkins
 Vice Provost for Academic Affairs
 Old Dominion University