

Pennsylvania College of Technology
Transfer Guide
(Articulation Based)

The following is a transfer guide based upon the articulation agreement between Delaware Technical and Community College and Pennsylvania College of Technology from the completed A.A.S degree in Civil Engineering, A.A.S. to the Civil Engineering Technology, B.S.

Civil Engineering Technology, B.S.					
Delaware Technical Community College			Pennsylvania College of Technology		
Civil Engineering Technology, A.A.S.			Civil Engineering Technology, B.S.		
Course	Course Title	Credits	Course	Course Title	Credits
1st Semester					
SSC 100	First Year Seminar	1	FYE101	First Year Experience	1
CET 144	Surveying Principles	4	CET115	Surveying I	3
CET 225	Civil CAD Applications	3	CET150	Computer Applications for Civil Engineering and Surveying	3
ENG 102	Composition and Research	3	ENL111	English Composition I	3
MAT 281	Calculus I	4	MTH240	Calculus I	4
			CSC124	Information, Technology, and Society	3
			FIT	Fitness and Lifetime Sports Elective	1
2nd Semester					
CET 245	Advanced Surveying Principles *(Required course prior to transfer)	3	CET124	Surveying II (Spring only offered)	3
CET 125	Civil & Envl Drafting and Design	3	CET126	Topographic Surveys and Mapping	3
			ENL201	Technical and Professional Comm	3
MTH 282	Calculus II	4	MTH242	Calculus II	4
PHY 281	Physics I with Calculus	4	PHS201	General Physics I	4
3rd Semester					
CET 258	Statics with Calculus	3	CET230	Statics	3
CET 236	Soils	3	CET238	Origin, Distribution and Behavior of Soils	3
CET 247	Route Surveying and Design	3	CET234	Highway Engineering	3
*ECO111	Macroeconomics *SS Elective choice	3	ECO111	Principles of Macroeconomics	3
			MTH160	Elementary Statistics with Computer Applications	4
4th Semester					
GIS 101	Introduction to GIS	3	OEA	Open Elective / Associate	3
CET 270	Solid Mechanics with Calculus	3	CET243	Strength of Materials	3
CET 240	Hydraulics and Hydrology	4	CET312	Hydraulics and Hydrology	3
CET 135	Engineering Materials	3	CET246	Materials of Construction	3
			PHS202	General Physics II	4
5th Semester					
			CET311	Structural Analysis	3
			CET242	Fluid Mechanics	3
			SPC101	Fundamentals of Speech	3
			CHM111	General Chemistry I	4
CMT 234	Cost Estimating/Planning	3	OEA	Open Elective / Associate	3
6th Semester					
			CET321	Structural Steel Design	3
			CET323	Water and Wastewater Systems	3
			CET325	Dynamics	3
			MET315	Engineering Economics	3

CET 244	Principles of Site Development	4	CET320	Land Development for Civil Engineers	3
			HSC	Cultural Diversity Elective: Humanities/Social Science	3
			7th Semester		
			CET411	Geotechnical Engineering Tech	3
			CET412	Reinforced Concrete Design	3
			CET413	Civil Engineering Estimating and Scheduling	3
			CET495	Senior Capstone Design-Planning	2
*PSY121 or SOC 111	General Psychology or Sociology I *SS Elective choice	3	HUM or SSE	Humanities Elective or Social Science Elective	3
			8th Semester		
			CET496	Design for Capstone Project	2
			MET321	Engineering Ethics and Legal Issues	3
			ART	Art Elective	3
			HUM	Humanities Elective	3
			FIT	Fitness and Lifetime Sports Elective	1
				Total credits left after transfer	66
	Total credits transferred	64		Total credits in degree	127

Please Note:

*Students at Delaware Technical and Community College **must complete CET 245 prior to their transfer to Penn College in order to complete the remaining coursework in 4 semesters.***

** This document is a guide for transfer and does not replace advising of a student's intended coursework at Penn College. It is a suggested sequence for facilitation of advising communication based upon the student's academic profile, which will be provided after official evaluation of all transfer credit. The academic profile will determine transfer of credits and graduation requirements.*

Additional Transfer Information

- Applicants must have a final cumulative GPA of 2.0 (on a 4.0 scale) or higher. Accreditation or discipline requirements *may* require that all courses eligible for transfer be completed with a "C" or higher.
- Students must complete a minimum of 36 credits at Pennsylvania College of Technology for coursework prescribed in the final four semesters of the student's baccalaureate profile.
- Individuals must submit a completed Application for Admission. Application fees are waived when submitted online.
- Applicant must provide an **official** transcript of all college course work.
- Students transferring to Pennsylvania College of Technology are eligible and will be considered for scholarship opportunities the same as currently enrolled students. Students must meet the application deadlines for scholarships for the fall and spring enrollment. Student must have paid tuition deposit to be eligible.
- Students must request transcripts from additional institutions to be evaluated on an individual basis at Pennsylvania College of Technology.
- The information included in this guide is subject to change. Students are encouraged to contact the Admissions office or the Coordinator of Transfer Initiatives at Penn College.
- Questions? Email txfr@pct.edu

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Optional Courses to Transfer

Delaware Technical Community College			Pennsylvania College of Technology		
Civil Engineering Technology, A.A.S.			Civil Engineering Technology, B.S.		
Optional Courses to take outside of DTCC CET course sequence					
Course	Course Title	Credits	Course	Course Title	Credits
CET 245	Advanced Surveying Principles (Required)	3	CET124	Surveying II (Spring only offered)	3
CIS 107	Intro to Computer App	3	CSC124	Information, Technology, and Society	3
ENG 122	Technical Writing & Comm.	3	ENL201	Technical and Professional Communication	3
PHY 282	Physics II with Calculus	4	PHS 202	General Physics II	4
Total		13	Total		13



***Please note:** Courses are subject to change. To receive updated information, students are advised to discuss the transfer process and course equivalencies with their advisors. For additional course equivalencies, refer to Penn College's "Transfer Course Equivalency" search tool on the Penn College website at www.pct.edu.

Suggested Course Sequence

ASSOCIATE DEGREE CIVIL ENGINEERING TECHNOLOGY DELAWARE TECHNICAL AND COMMUNITY COLLEGE				BACHELOR'S DEGREE CIVIL ENGINEERING TECHNOLOGY PENNSYLVANIA COLLEGE OF TECHNOLOGY			
Semester 1 (Fall)			CR	Semester 5 (Fall)			CR
SSC	100	First Year Seminar	1	CET	311	Structural Analysis	3
CET	125	Civil and Env. Drafting and Design	3	CET	242	Fluid Mechanics	3
EDD	171	Intro to CAD Using AutoCAD	3	PHS	202	General Physics II	4
ENG	101	Critical Thinking and Academic Writing	3	MTH	160	Elementary Statistics with Computer Applications	4
MAT	180	College Algebra or	4	CSC	124	Information, Technology, and Society	3
MAT	281	Calculus I TAKE MAT 281, CALCULUS I, FOR TRANSFER TO PENN COLLEGE					
CET	135	Engineering Materials	3				
			17				17
Semester 2 (Spring)				Semester 6 (Spring)			
CET	144	Surveying Principles	4	CET	321	Structural Steel Design	3
CMT	234	Cost Estimating/Planning	3	CET	323	Water and Wastewater Systems	3
ENG	102	Composition and Research	3	CET	325	Dynamics	3
MAT	190	Precalculus or	4	MET	315	Engineering Economics	3
MAT	282	Calculus II TAKE MAT 282, CALCULUS II FOR TRANSFER TO PENN COLLEGE					
PHY	205	General Physics I or	4	CHM	111	General Chemistry I	4
PHY	281	Physics I with Calculus TAKE PHY 281, PHYSICS I WITH CALCULUS FOR TRANSFER TO PENN COLLEGE					
				FIT		Fitness and Lifetime Sports Elective	1
			18				17
Semester 3 (Fall)				Semester 7 (Fall)			
CET	240	Hydraulics and Hydrology	4	CET	411	Geotechnical Engineering Technology	3
CET	247	Route Surveying and Design	3	CET	412	Reinforced Concrete Design	3
CET	225	Civil CAD Applications	3	CET	413	Civil Engineering Estimating and Scheduling	3
GIS	101	Introduction to GIS	3	CET	495	Senior Capstone Design-Planning	2
MET	132	Statics or	3	ENL	201	Technical and Professional Communication	3
CET	258	Statics with Calculus TAKE CET 258, STATICS WITH CALCULUS FOR TRANSFER TO PENN COLLEGE					
				SPC	101	Fundamentals of Speech	3
			16				17

Semester 4 (Spring)				Semester 8 (Spring)			
CET	236	Soils	3	CET	496	Design for Capstone Project	2
CET	244	Principles of Site Development	4	MET	321	Engineering Ethics and Legal Issues	3
MET	242	Strength of Materials or	3	HSC		Cultural Diversity Elective: Humanities/Social Science	3
CET	270	Solid Mechanics with Calculus CHOOSE CET 270, SOLID MECHANICS WITH CALCULUS FOR TRANSFER TO PENN COLLEGE					
XXX	XXX	Social Science/Humanities Elective CHOOSE ECO 111, MACROECONOMICS FOR TRANSFER TO PENN COLLEGE	3	ART		Art Elective	3
XXX	XXX	Social Science/Humanities Elective CHOOSE PSY 121, GENERAL PSYCHOLOGY or SOC 111, SOCIOLOGY I FOR TRANSFER TO PENN COLLEGE	3	HUM		Humanities Elective	3
				FIT		Fitness and Lifetime Sports Elective	1
			16				15
		TOTAL CREDITS	67				66
REQUIRED COURSE MUST BE TAKEN PRIOR TO TRANSFER TO PENN COLLEGE							
		CET 245 Advanced Surveying Principles	3			CET 124 Surveying II (Spring only offered course)	3
			3				3
ADDITIONAL COURSES THAT MAY BE TAKEN							
		CIS 107 Intro to Computer Applications	3			CSC 124 Information, Technology, and Society	3
		ENG 122 Technical Writing and Communication	3			ENL 201 Technical and Professional Communication	3
		PHY 282 Physics II with Calculus	4			PHS 202 General Physics II	4
			10				10
<ul style="list-style-type: none"> The Bachelor of Civil Engineering Technology requires a minimum of 127 credits. Course sequencing may vary by semester. See your advisor. 							