

UNITED TRIBES TECHNICAL COLLEGE

Program: Environmental Engineering

Degree: AS

Academic Year: 2024-2026

Student Name: _____

Student ID: _____

Advisor: Alexa D. Azure

E-Mail: _____

General Education Requirements (44 Credits)					Required Program Core Courses (10 Credits)					Developmental Courses				
Course Number - Title - Credits	Sem	Gr	Rpt	Sub	Course Number - Title - Credits	Sem	Gr	Rpt	Sub	Course Number - Title - Credits	Sem	Gr	Rpt	Sub
Communications (9 Credits)					ENR 116 Intro to Engineering - 3					ASC 087 Effective Writing - 3				
COM 110 Fund of Public Speaking - 3					ENR 211 Analysis & Design Methods for Environmental Engineers - 1					ASC 090 Pre-Algebra I - 2				
ENG 110 Composition - 3					ENR 250 Fundamentals of Environmental Engineering - 3					ASC 091 Pre-Algebra II - 2				
ENG 120 Composition II - 3					ENR 201 Statics - 3					<i>Pre-requisites as needed:</i>				
Arts & Humanities (3 Credits)										MTH 101 Introduction to Algebra -3				
<i>See Gen. Ed. Matrix*</i>					Program Core Electives (10 Credits)					MTH 102 Intermediate Algebra -3				
					ENR 117 Computer-Aided Design and Drafting (CADD) - 1					MTH 107 Precalculus - 4				
Social Sciences (3 Credits)					ENR 202 Dynamics - 3					CSC 101 Introduction to Computers - 3				
<i>See Gen. Ed. Matrix*</i>					ENR 203 Mechanics of Materials - 3									
Math, Science & Technology (27 Credits)					CSC 160 Computer Science I - 4									
CHM 121 General Chemistry I/LAB - 4					GEO 105 Physical Geology with lab - 4									
CHM 122 General Chemistry II/LAB - 4					GIS 105 Fundamentals of GIS - 3									
CHM 240 Survey of Organic Chemistry/LAB - 4					MTH 129 Basic Linear Algebra - 3									
MTH 165 Calculus - 4					MTH 210 Elementary Statistics -3									
MTH 166 Calculus II - 4					PHY 251 University Physics I - 4									
MTH 265 Calculus III - 4					PHY 252 University Physics II - 4									
MTH 266 Differential Equations - 3					LAB 252 University Physics II Lab - 1									
Institutional Specific (2 Credits)					TES 199 Introduction to Scientific Literature - 1					Graduation Requirements				
FND 106 First Year Exp. & Healthy Living - 2										Gen Ed Credits:		44		
Total Gen Ed Core Credits Required: 44 Credits					Total Core Credits Required: 20 Credits					Minimum Credits Required to Graduate: 64 Credits				
										Core Credits:		20		
										Total:		64		

* Denotes Native Studies institutional requirement.

Bolded text denotes required course.