



CAMPUS: Terry  
 DEPARTMENT: Civil Engineering

RECOMMENDED  
 COURSE SEQUENCE SHEET

Name: \_\_\_\_\_  
 SSN: \_\_\_\_\_  
 Academic Advisor: \_\_\_\_\_  
 Matriculation date: \_\_\_\_\_

No pre-tech requirements  MAT 005  
 ESL  ENG 005  RDG 005  MAT 012  
 ENG 051  RDG 051  MAT 015  
 RDG 120  MAT 075

**RDG 120, Critical Reading and Thinking, will be a required course unless the student attains a specific minimum score on the College Placement Test.**

Curriculum: Civil Engineering Technology – Survey & Materials Option  
 Effective: Fall 1998 (99-1)

Curriculum Code Designation: CETAASSMO

COURSE NUMBER AND TITLE	CL	L	CR	SEMESTER		GRADE	PREREQUISITES	COREQUISITES
				Offered	Completed			
<b>FIRST SEMESTER – FALL</b>								
AET 123 Drafting & Design	3	3	4	Fal, Spr			RDG 051, ENG 051, MAT 012 <b>OR</b> RDG 051, ENG 051, MAT 012, EDD 171 <b>OR</b> required scores on CPT	
AET 135 Construction, Materials & Methods	4	0	4	Fal			ENG 051, RDG 051 <b>OR</b> required scores on CPT	
Elective Social Science/Humanities	3	0	3	Fal, Spr			As required	
ENG 121 Composition <b>OR</b> ENG 125 Honors Composition	3	0	3	Fal, Spr			Required scores on CPT <b>OR</b> ENG 051 <b>OR</b> NCS 051 <b>OR</b> ESL 100 <b>AND</b> required scores on CPT <b>OR</b> RDG 051 <b>OR</b> ESL 100	
MAT 181 Algebra & Trig I	4	0	4	Fal, Spr, Sum			MAT 015 <b>OR</b> MAT 141 <b>OR</b> required math scores on CPT	
*RDG 120 Critical Reading & Thinking	(3)	(0)	(3)				Required score on CPT <b>OR</b> RDG 051 <b>OR</b> ESL 100 <b>AND</b> test score <b>OR</b> NCW 091 <b>OR</b> ENG 051 <b>OR</b> NCS 051 <b>OR</b> ESL 100 <b>OR</b> ENG 121 <b>OR</b> ENG 125	
<b>TOTAL</b>	17- (20)	3	18- (21)					
<b>SECOND SEMESTER – SPRING</b>								
AET 234 Cost Estimating & Planning	3	0	3	Spr			AET 125 <b>OR</b> CET 125, AET 135, MAT 015 <b>OR</b> required scores on CPT, RDG 120	
CET 144 Surveying Principles <b>OR</b> CET 146 Surveying	3 2	3 3	4 3	Spr			RDG 120, MAT 181, MAT 015 <b>OR</b> required scores on CPT	
CET 236 Soil Mechanics	2	2	3	Spr			RDG 120, MAT 181	
EDD 171 Intro to CAD Using AutoCAD	2	2	3	Fal, Spr			AET 123, AET 125, CET 125, EDD 141, FET 120, AET 123	
MAT 182 Algebra & Trig II	4	0	4	Fal, Spr, Sum			MAT 181	
<b>TOTAL</b>	16	10	20					
<b>THIRD SEMESTER – FALL</b>								
CET 238 Concrete & Asphalt	2	2	3	Fal			RDG 120, MAT 181	
CET 247 Route Surveying & Design	3	2	4	Fal			CET 146	
CET 251 Topographic Drafting	2	3	3	Fal			AET 123 <b>OR</b> AET 125, CET 146	
Elective Social Science/Humanities	3	0	3	Fal, Spr			As required	
ENG 122 Technical Writing & Communication <b>OR</b> ENG 124 Oral Communications	3	0	3	Fal, Spr			Required score on CPT <b>OR</b> ENG 121 <b>OR</b> ENG 125 <b>AND</b> required test score <b>OR</b> RDG 120	
PHY 205 General Physics I	3	2	4	Fal, Spr			MAT 182 <b>OR</b> MAT 185	
<b>TOTAL</b>	16	9	20					
<b>FOURTH SEMESTER – SPRING</b>								
AET 232 Contracts & Specifications	3	0	3	Spr			AET 135, ENG 121, RDG 120	
CET 240 Hydraulics & Hydrology	4	0	4	Spr			MAT 181, RDG 120	
CET 248 Boundary Surveying & Law	2	3	3	Spr			CET 146, CET 251	
CET 256 Static & Strength of Materials	4	2	5	Spr			MAT 181, RDG 120	
<b>TOTAL</b>	13	5	15					
<b>GRAND TOTAL</b>	62- 65	27	73- 76					

COURSE NUMBER AND TITLE	CL	L	CR	SEMESTER		GRADE	PREREQUISITES	COREQUISITES
				Offered	Completed			
<b>APPROVED ELECTIVES</b>								
<b>SOCIAL SCIENCE/HUMANITIES ELECTIVES</b>								
COM 111 Human Communications	3	0	3	Fal, Spr, Sum			ENG 051, RDG 051 <b>OR</b> required scores on CPT	
ECO 111 Macroeconomics	3	0	3	Fal, Spr, Sum			ENG 051, NCS 051, ESL 100, ENG 121, ENG 125 <b>OR</b> required scores on CPT <b>OR</b> RDG 051, ESL 100, RDG 120, MAT 012, NCS 012	
ECO 122 Microeconomics	3	0	3	Fal, Spr, Sum			ENG 051, NCS 051, ESL 100, ENG 121, ENG 125 <b>OR</b> required scores on CPT <b>OR</b> RDG 051, ESL 100, RDG 120, MAT 012, NCS 012	
HIS 111 U.S. History: Pre-Civil War	3	0	3	Fal, Spr, Sum			ENG 051, NCS 051, ESL 100, ENG 121, ENG 125 <b>OR</b> required scores on CPT <b>OR</b> RDG 051, ESL 100, RDG 120	
HIS 112 U.S. History: Post-Civil War	3	0	3	Fal, Spr, Sum			ENG 051, NCS 051, ESL 100, ENG 121, ENG 125 <b>OR</b> required scores on CPT <b>OR</b> RDG 051, ESL 100, RDG 120	
POL 111 Political Science	3	0	3	Fal, Spr, Sum			ENG 051, RDG 051 <b>OR</b> required scores on CPT	
PSY 100 Human Relations	3	0	3	Fal, Spr, Sum			RDG 005, RDG 051, ESL 100, RDG 120 <b>OR</b> required scores on CPT	
PSY 121 General Psychology	3	0	3	Fal, Spr, Sum			ENG 051, RDG 051 <b>OR</b> required scores on CPT	
SOC 111 Sociology I	3	0	3	Fal, Spr, Sum			ENG 051, RDG 051 <b>OR</b> required scores on CPT	
VSC 131 Art History I	3	0	3	Spr, Fal			RDG 051 <b>OR</b> required scores on CPT	
VSC 132 Art History II	3	0	3	Spr, Fal			RDG 051 <b>OR</b> required scores on CPT	

*Course substitutions may be permitted with departmental approval.*

*For students who meet the prerequisites.*

Date \_\_\_\_\_

**Advisory Statement  
Program Complete at DT&CC**

I am aware that Delaware Technical & Community College is an open admissions institution with degree, diploma, and certificate programs that require participation in courses, internships, practicums and clinical assignments. These activities may require one or more medical and/or background screenings as a condition of enrollment. The admissions requirements for courses and/or program activities may include but not be limited to:

- immunizations and physical examinations,
- criminal history checks that may include a review of the adult abuse and child protection registries,
- drug screenings,
- and other licensing requirements

As a student, I further understand that I may be responsible for all arrangements and costs associated with these requirements. It is my responsibility to inquire about conditions and acceptance into courses and programs that may have special requirements. I am aware that I may seek the assistance of my counselor or technical advisor in identifying conditions of enrollment in all programs and courses at Delaware Tech.

**Employment After DT&CC**

I am also aware that conditions of employment are established by potential employers and not by Delaware Technical & Community College and such conditions of employment may include or exceed any or all of the above requirements.