



CAMPUS: Terry
 DEPARTMENT: Electronics Engineering

RECOMMENDED
 COURSE SEQUENCE SHEET

Name: _____
 SSN: _____
 Academic Advisor: _____
 Matriculation date: _____

No pre-tech requirements MAT 005
 ENG 005 RDG 005 MAT 012
 ESL 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: Electrical Engineering Technology
 Effective: Fall 2008-51

Curriculum Code Designation: ECNAASELL

COURSE NUMBER AND TITLE	CL	L	CR	SEMESTER		GRADE	PREREQUISITES	COREQUISITES
				Offered	Completed			
FIRST SEMESTER – FALL								
ELC 120 Intro to Circuit Analysis	3	3	4	Fal			Required score on CPT OR MAT 015 OR MAT 016 OR MAT 075 AND required score on CPT OR RDG 051 OR RDG 120	MAT 181
ENG 121 Composition	3	0	3	Fal, Spr, Sum			Required score on CPT OR ENG 051 OR NCS 051 OR ESL 100 AND required scores on CPT OR RDG 051 OR ESL 100	
ELM 110 Intro to Computers & Technology	2	2	3	Fal, Spr			Required score on CPT OR ENG 051 OR ENG 121 AND required score on CPT OR RDG 051 OR RDG 120	
MAT 181 Algebra & Trig I	4	0	4	Fal, Spr, Sum			MAT 015 OR MAT 141 OR required math scores on CPT	
*RDG 120 Critical Reading & Thinking	(3)	(0)	(3)	Fal, Spr, Sum			Required score on CPT OR RDG 051 OR ESL 100 AND test score OR NCW 091 OR ENG 051 OR NCS 051 OR ESL 100 OR ENG 121 OR ENG 125	
TOTAL	12- (15)	5	14- (17)					
SECOND SEMESTER – SPRING								
CEN 150 Computer Assembly and Maintenance	3	2	4				Test score or RDG 051 or ESL 100	
CEN 180 C Language Intro	2	2	3				Test score or RDG 051 or ESL 100 or RDG 120 and CEN 110 or ELM110	
ELC 121 Network Analysis	3	3	4	Spr			ELC 119 OR ELC 120 AND MAT 181	MAT 182
ELC 130 Digital Electronics I	3	3	4	Spr			Required score on CPT OR MAT 015 OR MAT 016 AND required score on CPT OR RDG 051 OR RDG 120	
MAT 182 Algebra & Trig II	4	0	4	Fal, Spr, Sum			MAT 181	
TOTAL	15	10	19					
THIRD SEMESTER – FALL								
ENG 124 Oral Communications (ENG 122 may be substituted)	3	0	3	Fal, Spr, Sum			Required score on CPT OR ENG 121 OR ENG 125 AND required test score OR RDG 120	
ELC 220 Analog Electronics I	3	3	4	Fal			ELC 121 AND MAT 182	
Elective Physics	3	2	4	Fal, Spr, Sum			As required	
ELC 131 Digital Electronics II	3	3	4	Fal			ELC 130	
Elective Math Elective								
TOTAL	12	8	15					

FOURTH SEMESTER – SPRING									
ELC 221	Analog Electronics II	3	3	4	Spr			ELC 220	
ELC 215	Programmable Logic Controllers	3	2	4	Spr			ELC 118 AND ELC 119 OR ELC 120 OR ELC 122 AND ELC 130 AND MAT 181	
ELC 232	Intro to Microprocessors	3	3	4	Spr			ELC 110 AND ELC 131 AND ELC 220	
Elective	Social Science/Humanities	3	0	3	Fal, Spr, Sum			As required	
Elective	Social Science/Humanities	3	0	3	Fal, Spr, Sum			As required	Elective Social
TOTAL		15	8	18					
GRAND TOTAL		54- 57	31	69- 72					

COURSE NUMBER AND TITLE	CL	L	CR	SEMESTER		G R A D E	PREREQUISITES	COREQUISITES
				Offered	Completed			
APPROVED ELECTIVES								
PHYSICS ELECTIVES								
PHY 171	Physics I	3	2	4			MAT 181	
PHY 205	General Physics I	3	2	4	Fal, Spr, Sum		MAT 181 OR MAT 185	
PHY 271	Electricity and Magnetism	3	2	4			MAT 181 PHY 171 OR ELC 120 OR ELC 124	
PHY 281	Physics I with Calculus	3	2	4	Fal,Spr,Sum		MAT 281	
SOCIAL SCIENCE/HUMANITIES ELECTIVES								
COM 111	Human Communications	3	0	3	Fal, Spr, Sum		ENG 051, RDG 051 OR required scores on CPT	
ECO 111	Macroeconomics	3	0	3	Fal, Spr, Sum		ENG 051, RDG 051, MAT 012 OR required scores on CPT	
ECO 122	Microeconomics	3	0	3	Fal, Spr, Sum		ENG 051, RDG 051, MAT 012 OR required scores on CPT	
POL 111	Political Science	3	0	3	Fal, Spr, Sum		ENG 051, RDG 051 OR required scores on CPT	
PSY 100	Human Relations	3	3	0	Fal, Spr, Sum		Test Score or RDG 051 or ESL 100 or RDG 120	
PSY 121	General Psychology	3	0	3	Fal, Spr, Sum		ENG 051, RDG 051 OR required scores on CPT	
PSY 122	Social Psychology	3	0	3	Fal, Spr, Sum		PSY 121	
PSY 123	Industrial Psychology	3	0	3	Fal, Spr, Sum		ENG 051, RDG 051 OR required scores on CPT	
SOC 111	Sociology I	3	0	3	Fal, Spr, Sum		ENG 051, RDG 051 OR required scores on CPT	
MATH ELECTIVES								
MAT 261	Business Calculus	4	1	4			MAT 153 or MAT 181 or MAT 185 or MAT 251	
MAT 271	Probability Statistics	4	0	4			MAT 181	
MAT 281	Calculus I	4	1	4			Test score or MAT 182 or MAT 185	

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.

LL/pw/2001-2/ELC-checkoff/ELC ELR checkoff (6-19-01); (6-22-01)
Revised (5-23-02); Revised (6-19-02); (7-8-03); (4-28-05); (11-28-06)