

# ENGINEERING TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE



ENTC 1347	Safety and Ergonomics	3
METL 1401	Introduction to Metallurgy	4
ENTC 1343 or ENGR 2301	Statics or Engineering Mechanics - Statics	3

**Credits 16**

## Second Term

ENTC 2380	Cooperative Education - Engineering Technology, General	3
QCTC 1243	Quality Assurance	2
ENTC 2331	Manufacturing Materials	3
ENTC 1349	Reliability and Maintainability	3
ENTC 1323	Strength of Materials	3

**Credits 14**

**Total Credits 60**

Capstone Experience: ENTC 2380 Cooperative Education – Engineering Technology, General

## Plan of Study

3ENGR

### First Year

#### First Term Credits

Select one of the following: 3

SPCH 1311	Introduction to Speech Communication	
SPCH 1315	Public Speaking	
SPCH 1318	Interpersonal Communication	
SPCH 1321	Business and Professional Speech	
ENGL 1301	Composition I	3
ELPT 1311	Basic Electrical Theory	3
MATH 1314	College Algebra	3
ENTC 1271 or ENGR 1201	Introduction to Engineering Technology or Introduction to Engineering	2

**Credits 14**

#### Second Term

DFTG 1313 Drafting for Specific Occupations 3  
or ENGR 1304 or Engineering Graphics I

Social and Behavioral Sciences 3

RBTC 1305 Robotic Fundamentals 3

MATH 1316 Plane Trigonometry 3

Select one of the following: 4

SCIT 1418	Applied Physics	
PHYS 1301 & PHYS 1101	College Physics I (lecture) and College Physics I (lab)	
PHYS 2325 & PHYS 2125	University Physics I (lecture) and University Physics I (lab)	

**Credits 16**

### Second Year

#### First Term

INTC 1307 Instrumentation Test Equipment 3

Language, Philosophy and Culture (Humanities) or Creative Arts (Fine Arts) 3