

### First Year

#### Fall

Course Number	Course Title	Credits (16)
MATH 1300	Precalculus (QR)	4
ENGL 1100	Writing I	3
FYE 1022	First Year Experience: Evolution of ENGT	3
ENGT 1000	Electrical Systems and Circuits	3
	Elective	3

#### Spring

Course Number	Course Title	Credits (17)
MATH 2300	Calculus I	4
ENGL 1200	Writing II	3
ENGT 1XXX	Engineering Design & Fab. Systems I	3
ENGT 1020	Engineering Graphics	3
CHEM 1300	General Chemistry (SI)	4

### Sophomore Year

#### Fall

Course Number	Course Title	Credits (16)
PHYS 2300	General Physics I	4
ENGT 2050	Electronic I	3
ENGT 2060	PLT Course: MATLAB for Engineers & Scientists	3
	Any WS Course	3
ENGT 1XXX	AI Applications in ENGT (SI)	3

#### Spring

Course Number	Course Title	Credits (15)
ENGT 2XXX	Robotics Fundamentals and Applications	3
	Elective	3
ENGT 2055	Electronics II	3
	Elective	3
ENGT 2030	Materials Testing & Quality Control	3

### Junior Year

#### Fall

Course Number	Course Title	Credits (15)
ENGT 3000	Energy & Sustainable Practices	3
	Elective	3
ENGT 3015	Digital Electronics	3
CMGT 3035	OSHA: Safety & Risk Management	3
	Any FA Course	3

#### Spring

Course Number	Course Title	Credits (13)
ENGT 3900	Device Interface Design	3
ENGT 3016	Advanced Digital Electronics	4
	Any DP Course	3
	Any HI Course	3

## Senior Year

### Fall

Course Number	Course Title	Credits (15)
	Any LI Course	3
ENGT 4100	Control Theory	3
ENGT 4700	Engineering Project Management	3
	Any PW Course	3
	Elective	3

### Spring

Course Number	Course Title	Credits (13)
ENGT 4903	Engineering Technology Capstone OR ENGT 4930 Internship in ENGT	3
ENGT 4050	Microprocessor Embedded System	4
	Any ER Course	3
	Any CV Course	3

**Completion of 120 credits is required for graduation**

## General Education

### Foundation (3 credits each)

- Reading & Info Literacy First-Year Exper. (R & IL)
- Writing (W): Writing I
- Writing & Info. Literacy (W & IL): Writing II
- Quantitative Reasoning (QR)
- World Languages, Speaking and Listening (WS)

### Exploration (3 credits each)

- Civic Learning (CV)
- Diverse Perspectives (DP)
- Ethical Reasoning (ER)
- Fine Arts Expression & Analysis (FA)
- Historical Inquiry & Analysis (HI)
- Literary Inquiry & Analysis (LI)
- Personal Wellness (PW)
- Procedural & Logical Thinking (PL)
- Scientific Inquiry & Analysis (SI)

### Suggested Elective Courses:

- 3 credits Computer Science I (CSC 1500)
- 3 credits Discrete Mathematics (MATH 1900)
- 4 credits Calculus II (MATH 2400)
- 3 credits Linear Algebra (MATH 2600)
- 3 credits Technical Analysis (ENGT 1050)
- 3 credits Principles of Economics Macro (ECON 1100)