

# Engineering Technology

## Construction Management, BS

Suggested 4-year plan of study

### 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 1020	Engineering Graphics	3
	Any WS Course	3

#### Spring

Course Number	Course Title	Credits (16)
ENGL 1200	Writing II	3
ENGT 1050	Technical Analysis	3
ENGT 1XXX	Engineering Design & Fabrication Systems I	3
PHYS 2300	General Physics I	4
	Any PW course	3

### Sophomore Year

#### Fall

Course Number	Course Title	Credits (16)
ENGT 2030	Materials Testing & Quality Control	3
CMGT 2035	Building Construction Systems	4
ENGT 2020	Statics & Dynamics	3
ENGT 2XXX	Engineering Design & Fabrication Systems II	3
	PL Course: ECON 1100 or ECON 1200	3

#### Spring

Course Number	Course Title	Credits (15)
ENGT 2025	Strength of Materials	3
BSAD 2010	Intro. to Financial Reporting	3
	Any HI Course	3
	Any LI Course	3
	Any DP Course	3

### Junior Year

#### Fall

Course Number	Course Title	Credits (15)
ENGT 3000	Energy & Sustainable Practices	3
CMGT 3022	Surveying	3
ENGT 3010	Sustainable Building Design I	3
ENGT 3045	Analysis & Design of Structural Systems	3
CMGT 3035	OSHA: Safety & Risk Management	3

#### Spring

Course Number	Course Title	Credits (15)
CMGT 3005	Heavy/Highway Construction Systems	3
CMGT 3028	Estimating & Bidding	3
	Suggested Elective	3
	Any ER course	3
	Any FA Course	3

## Senior Year

### Fall

Course Number	Course Title	Credits (15)
CMGT 3030	MEP & HVAC Systems	3
CMGT 4035	Site Planning & Land Development	3
CMGT 4010	Project Scheduling	3
ENGT 4930	Engineering Technology Internship	3
	Suggested Elective	3

### Spring

Course Number	Course Title	Credits (12)
CMGT 4020	Communication & Transportation Technology	3
CMGT 4045	Seminar in Construction	3
CMGT 4030	Construction Management Capstone	3
CMGT 4025	CV: Construction Law and the Legal Systems	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 (6 credits)

- Introduction to Managerial Accounting (BSAD 2020)
- Principles of Management (BSAD 1030)
- Organizational Behavior and Theory (BSAD 4200)
- Computer Cartography (GEOG 3120) OR Introduction to Geospatial Technologies (GEOG 2400)