

Suggested Four-Year Plan of Study

Engineering Technology Department



Construction Management (BS)

FRESHMAN YEAR

Fall Semester		16 Credits
MATH 1300	QR course: Precalculus.....	4
ENGL 1100	Writing I	3
FYE 1022	FYE Seminar: Evolution of ET	3
ENGT 1020	Engineering Graphics.	3
	Any WS course.....	3

Spring Semester		16 Credits
ENGL 1200	Writing II	3
ENGT 1050	Technical Analysis.....	3
PHYS 2300	SI course: General Physics I.....	4
	Any PW course.....	3
	Any ER designation course	3

JUNIOR YEAR

Fall Semester		15 Credits
ENGT 3000	Energy & Sustainable Practices	3
CMGT 3022	Surveying	3
ENGT 3026	Engineering Design: Fab. Sys. II	3
ENGT 3045	Analysis & Design of Structural Systems.....	3
ENGT 3010	Building Design I.....	3

Spring Semester		15 Credits
CMGT 3005	Heavy/Highway Construction Systems	3
ENGT 3025	Engineering Design: Fab. Sys. I	3
CMGT 3028	Estimating & Bidding.....	3
	Suggested Elective course.....	3
	AIA course	3

General Education: Foundation

3 credits Reading and Information Literacy (R and IL): First Year Experience
 3 credits Writing (W): Writing I
 3 credits Writing and Information Literacy (W and IL): Writing II
 3 credits Quantitative Reasoning (QR) (MATH)
 3 credits World Languages, Speaking and Listening (WS)

Suggested Elective Courses (6 Credits)

- Introduction to Managerial Accounting (BSAD 2020)
 - Principles of Management (BSAD 3200)
 - Organizational Behavior and Theory (BSAD 4200)
 - Communication & Transportation Technologies (CMGT 4020)
 - Computer Cartography (GEOG 3120) or Intro. Geospatial Technology (GEOG 2400)

General Education: Exploration

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

General Education: Integration

9 credits AIA (3 of which must be Integrative High Impact Practice - IHIP)
 OR
 Minor (professional majors completing a minor or second major must include at least 9 credits in LA&S disciplines for that minor)

General Education: MAJ

There may be major courses that have been approved to fulfill up to 3 General Education requirements (at least 9 credits). Varies by major and concentration.

SOPHMORE YEAR

Fall Semester		16 Credits
ENGT 2030	Materials Testing & Quality Control	3
CMGT 2035	Building Construction Systems	4
ENGT 2020	Statics & Dynamics	3
	Any FA course.....	3
	PL course: ECON 1100 or ECON 1200	3

Spring Semester		15 Credits
ENGT 2025	Strength of Materials	3
BSAD 2010	Intro. to Financial Reporting.....	3
	Any LI course	3
	Any HI course	3
	Any DP course	3

SENIOR YEAR

Fall Semester		15 Credits
CMGT 3030	MEP & HVAC Systems.....	3
CMGT 3035	OSHA: Safety & Risk Management	3
CMGT 4035	Site Planning & Land Development	3
CMGT 4010	Project Scheduling.....	3
ENGT 4930	AIA: Internship in ET	3

Spring Semester		12 Credits
CMGT 4045	Seminar in Construction	3
CMGT 4030	IHIP: Construction Management Capstone.....	3
CMGT 4025	CV: Construction Law & Legal System.....	3
	Suggested Elective course.	3

Suggested 4-year plan of study. Completion of 120 credits required for graduation.