


B.S. CONSTRUCTION ENGINEERING – TRADITIONAL MATH 2018


FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
<i>Fall (17 hrs)</i>	<i>Spring (16 hrs)</i>	<i>Fall (16.5 hrs)</i>	<i>Spring (17 hrs)</i>	<i>Fall (17 hrs)</i>	<i>Spring (15 hrs)</i>	<i>Fall (15 hrs)</i>	<i>Spring (15 hrs)</i>
CVEEN 1000 Intro to Civil & Environmental Engineering F 2	CVEEN 1400 Computer-Aided Design SP 3	CVEEN 2000 Seminar F 0.5	CVEEN 2140 Strength of Materials F/SP 3	CVEEN 3210 Structural Loads & Analysis (QI) F/SP 3	CVEEN 3100 Technical Communication (CW) F/SP 3	CVEEN 4221 Concrete I F 3	CVEEN 4920 Design Capstone SP 3
MATH (1050 & 1060) or MATH 1080 ↓	MATH 1210 ↓	MATH 1210 & PHYS 2210 ↓	CVEEN 2010 ↓	CVEEN 2140 & 2310 ↓	CVEEN 2140 & 2310 ↓	CVEEN 3100 ↓	CVEEN 3210 ↓
MATH 1210 Calculus I (QR) F/SP/SU 4	MATH 1220 Calculus II F/SP/SU 4	CVEEN 2010 Statics F/SP 3	CVEEN 2300 Engineering Economics F/SP 2	CVEEN 3310 Geotech I (QI) F/SP 3	CVEEN 3520 Transportation F/SP 3	CVEEN 5720 Project Scheduling F 3	CVEEN 5780 Facade I SP 3
General Ed. Requirement F/SP/SU 3	PHYS 2210 Physics for Sci & Engineers I F/SP/SU 4	CVEEN 2310 Probability & Statistics F/SP 3	CVEEN 2750 Computer Tools SP 2	CVEEN 3510 Materials F/SP 3	CVEEN 3710 Contract Specifications SP 3	CVEEN 5740 Horizontal Construction F 3	CVEEN 5790 Vertical Construction SP 3
WRTG 1010 ↓	See catalog for individual prerequisites ↓	MATH 1210 ↓	MATH 1210 ↓	CVEEN 2140 & 2310 ↓	CVEEN 2140 & 2310 ↓	CVEEN 3310 & 3520 ↓	CVEEN 3210 & 3310 ↓
WRTG 2010 Intermediate Writing F/SP/SU 3	CHEM 1220 Gen Chemistry II or PHYS 2220 Physics for Sci & Engineers II F/SP/SU 4	MG EN 2400 Surveying F/SU 3	General Ed. Requirement/DV F/SP/SU 3	CVEEN 3515 Lab F/SP 1	CVEEN 3710 Contract Specifications SP 3	CVEEN 5740 Horizontal Construction F 3	CVEEN 5790 Vertical Construction SP 3
MATH 1050 ↓	See catalog for individual prerequisites ↓	MATH 1060 ↓	MATH 1060 ↓	CVEEN 3700 Construction F 3	Design Technical Elective F/SP 3	Technical Elective F/SP 3	Technical Elective F/SP 3
CHEM 1210 Gen Chemistry I F/SP/SU 4	CHEM 1225 Gen Chemistry II Lab or PHYS 2215 Physics for Sci & Engineers I Lab or PHYS 2225 Physics for Sci & Engineers II Lab F/SP/SU 1	MATH 2210 Calculus III F/SP/SU 3	MATH 2250 Diff Equations & Linear Algebra F/SP/SU 4	ECON 2010 Microeconomics (BF) F/SP/SU 3	General Ed. Requirement F/SP/SU 3	American Institutions F/SP/SU 3	General Ed. Requirement/IR F/SP/SU 3
CHEM 1215 Lab F/SP/SU 1		GEO 1110 Intro Earth Systems 3	ARCH 1615 Intro to Architecture (FF) F/SP 3				
		GEO 1115 Lab F/SP 1					

Have you completed 3 of the 4 shaded courses? If yes, apply for Full Major Status!

Recommended General Education Courses
LEAP 1501 Social & Ethical Engineering (BF) - Fall only
LEAP 1500 Humanities for Engineers (HFDV) - Spring only

KEY

Full Major Status Required 

Prerequisite 

Corequisite