

B.S. in Civil Engineering
with a minor in Theatrical Engineering

2024-2025

Freshmen

Fall	Course #	Course Name	Credits
CHEM	101	General Chemistry I	3
CHEM	103	General Chemistry I Lab	1
ENGL	101	College Composition	3
TE	101	Intro to Theatrical Engr (Discover Tech)	3
UNIV	101	City-University Life	3
PROD	124	Fundamentals of Design and Drawing	3
Total			16

Spring	Course #	Course Name	Credits
CHEM	102	General Chemistry II	3
CHEM	104	General Chemistry II Lab	1
COMM	101	Oral Commucation / Presentation	3
EGR	205	Engineering Graphics	3
MATH	190	Calculus I	4
THEA	230	Intro to Theatre (Apprec and Apply Arts)	3
Total			17

Sophomore

Fall	Course #	Course Name	Credits
ME	101	Statics	3
CE	205	Introduction to Surveying	3
ME	212	Properties of Materials	3
MATH	210	Calculus II	4
PHYS	201	Fundamentals of Physics I	3
PHYS	103	Physics I Laboratory	1
Total			17

Spring	Course #	Course Name	Credits
CE	209	Engineering Geology	3
CE	213	Strength of Materials	3
CE	214	Strength of Materials Lab	1
PHYS	202	Fundamentals of Physics II	3
PHYS	104	Physics II Lab	1
NSET	218	Technical Communications	3
PROD	227	Lighting I	3
Total			17

Junior

Fall	Course #	Course Name	Credits
CE	309	Soil Mechanics	3
CE	319	Soil Mechanics Lab	1
CE	310	Structural Analysis	3
CE	320	Environmental Engineering Tech. I	3
MATH	310	Differential Equations	3
PROD	229	Audio Design I	2
Total			15

Spring	Course #	Course Name	Credits
CE	315	Concrete Structural Design	3
CE	316	Steel Structural Design	3
CE	321	Environmental Engineering Tech II	3
MATH	330	Mathematical Statistics	3
ME	102	Dynamics	3
PROD	226	Scene Design I	3
Total			18

Senior

Fall	Course #	Course Name	Credits
TE	401	Prof Practice in Theatrical Eng I	3
CE	411	Fluid Mechanics	3
CE	412	Fluid Mechanics Lab	1
ET	405	Fund. of Engineering Exam I	0
MATH	230	Linear Algebra I	3
PROD	100	Technical Practicum I	2
Total			12

Spring	Course #	Course Name	Credits
CE	409	Foundations Design	3
CE	410	Transportation Engineering	3
CE	418	Hydraulics	3
ET	406	Fund. of Engineering Exam II	0
TE	402	Prof Practice in Theatrical Eng II	3
PROD	101	Technical Practicum II	2
Total			14

Summer or Distance Learning

Course #	Course Name	Credits	Course #	Course Name	Credits
THEA 225	Theatre History I (Explore the World)	3	Core	Core Choice: Understand People	3
THEA 226	Theatre History II (Explore the World)	3	Core	Core Choice: Understand People	3
Core	Core Choice: Interpret Creative Works	3	ECON 202	Microeconomics (BUS Core Choice)	3
Total					18

Grand Total

144