

## CIVIL ENGINEERING DEGREE AUDIT

Banner ID

Name

Advisor

*Indicate Grade for Rowan Course; Transfer Course/Off-campus = TR, Advanced Placement = AP*

*Indicate General Education / Rowan Experience courses = GenEd / Rowan Exp; History, Humanities, Language = HHL1, HHL2;*

*Social & Behavioral Sciences = SBS, Art, Music, Theatre, etc = ACE;*

*Multicultural/Global = MG, Literature intensive = LIT, Senior Clinic II = Writing Intensive, WI*

### FIRST YEAR

#### FALL Freshman

Fresh. Engineering Clinic I *ENGR01.101* 2   
 Accelerated Calculus I *MATH01.140* 4   
 Adv. College Chemistry I *CHEM06.105* 4   
 Composition I *ENGL01.111* 3   
 Intro to Mapping & GIS *GEOG06.193* 3

**Total**

**16**

**Cumulative GPA**

#### SPRING Freshman

Fresh. Engineering Clinic II *ENGR01.102* 2   
 Accelerated Calculus II *MATH01.141* 4   
 Introductory mechanics *PHYS02.200* 4   
 Intro. to Scientific Programming *CS04.104* 3   
 Gen Ed / Rowan Exp (\_\_\_\_\_) 3

**Total**

**16**

### SECOND YEAR

#### FALL Soph

Soph. Engineering Clinic I *ENGR01.201* 4   
 Math for Engineering Anal I *MATH01.235* 4   
  
 Science Elective 4   
 Statics *ENGR01.271* 2   
 Civil Engineering Systems *CEE08.305* 3

**Total**

**17**

**Cumulative GPA**

#### SPRING Soph

Soph. Engineering Clinic II *ENGR01.202* 4   
 Math for Engineering Anal II *MATH01.236* 4   
 Engineering Graphics *CEE08.102* 2   
 Field Surveying *CEE08.103* 2   
 Dynamics *ENGR01.291* 2   
 Solid Mechanics *ENGR01.272* 2

**Total**

**16**

### THIRD YEAR

#### FALL Junior

Junior Engineering Clinic I *ENGR01.301* 2   
 Structural Analysis and Design *CEE08.382* 3   
 Fluid Mechanics I *ENGR01.341* 2   
 Environmental Engineering I *CEE08.311* 3   
 Microeconomics *ECON04.102* 3   
 Civil Engineering Material *CEE08.301* 2   
 Materials Science *ENGR01.281* 2

**Total**

**17**

**Cumulative GPA**

#### SPRING Junior

Junior Engineering Clinic II *ENGR01.302* 2   
 Anal. and Design Steel Frames *CEE08.383* 3   
 Water Resources Engineering *CEE08.342* 3   
 Environmental Engineering II *CEE08.312* 3   
 Transportation Engineering *CEE08.361* 3   
 Geotechnical Engineering *CEE08.351* 3

**Total**

**17**

### FOURTH YEAR

#### FALL Senior

Senior Engineering Clinic I *ENGR01.401* 2   
 CE Design Project I *CEE08.491* 2   
 Civil Engineering Practice *CEE08.490* 3   
 Civil Engineering Elective 3   
 Civil Engineering Elective 3   
 Gen Ed / Rowan Exp (\_\_\_\_\_) 3

**Total**

**16**

**Cumulative GPA**

#### SPRING Senior

Senior Engineering Clinic II *ENGR01.402* 2   
 CE Design Project II *CEE08.492* 2   
 Civil Engineering Elective 3   
 Civil Engineering Elective 3   
 Technical Elective 3   
 Gen Ed / Rowan Exp (\_\_\_\_\_) 3

**Total**

**16**

**TOTAL**

**131**

#### Science Elective

Adv. College Chemistry II *CHEM06.106*; Introduction to Electricity and Magnetism *PHY02.201*; or Introduction to Thermodynamics, Fluids, Waves, and Optics *PHY02.210*

#### Civil Engineering Electives (4 Required)

Additional CEE electives must be selected from the available course in civil engineering. Electives must be selected so that student takes at least one course each in two of the following three areas: transportation, geotechnical, and water resources

	HHL1
	HHL2
	ACE
	LIT
	MG
	SBS