

CIVIL ENGINEERING 120 CR DEGREE AUDIT (ROWAN CORE)

Bold (red) - Course grade C- or better

FIRST YEAR

FALL First Year

First Year Engineering Clinic I <i>ENGR01101</i>	2	<input type="text"/>
Calculus I <i>MATH01130</i>	4	<input type="text"/>
Chemistry I <i>CHEM06100</i>	4	<input type="text"/>
Intro. to Scientific Programming <i>CS01104</i>	3	<input type="text"/>
Rowan Core (rec: Intro to Mapping/GIS <i>GEOG06160</i>)	3	<input type="text"/>
Total	16	<input type="text"/>
Cumulative GPA		<input type="text"/>

SPRING First Year

First Year Engineering Clinic II <i>ENGR01102</i>	2	<input type="text"/>
Calculus II <i>MATH01131</i>	4	<input type="text"/>
Introductory Mechanics <i>PHYS00220</i>	4	<input type="text"/>
Composition I <i>COMP01111</i>	3	<input type="text"/>
Total	13	<input type="text"/>
Cumulative GPA		<input type="text"/>

SECOND YEAR

FALL Soph

Soph. Engineering Clinic I <i>ENGR01201</i>	4	<input type="text"/>
Calculus III <i>MATH01230</i>	4	<input type="text"/>
Science Elective (see options below)	4	<input type="text"/>
Statics <i>ENGR01271</i>	2	<input type="text"/>
Civil Engineering Systems <i>CEE08305</i>	3	<input type="text"/>
Total	17	<input type="text"/>
Cumulative GPA		<input type="text"/>

SPRING Soph

Soph. Engineering Clinic II <i>ENGR01202</i>	4	<input type="text"/>
Math for Engineering Analysis <i>MATH01235</i>	4	<input type="text"/>
Engineering Graphics <i>CEE08102</i>	2	<input type="text"/>
Field Surveying <i>CEE08103</i>	2	<input type="text"/>
Dynamics <i>ENGR01291</i>	2	<input type="text"/>
Solid Mechanics <i>ENGR01272</i>	2	<input type="text"/>
Total	16	<input type="text"/>
Cumulative GPA		<input type="text"/>

THIRD YEAR

FALL Junior

Junior Engineering Clinic I <i>ENGR01303</i>	2	<input type="text"/>
Rowan Core (<i>HUML</i>)	3	<input type="text"/>
Fluid Mechanics <i>ENGR01341</i>	2	<input type="text"/>
Materials Science <i>ENGR01281</i>	2	<input type="text"/>
Civil Engineering Materials <i>CEE08301</i>	2	<input type="text"/>
Structural Analysis <i>CEE08382</i>	3	<input type="text"/>
Total	14	<input type="text"/>
Cumulative GPA		<input type="text"/>

SPRING Junior

Junior Engineering Clinic II <i>ENGR01303</i>	2	<input type="text"/>
Water Resources Engineering <i>CEE08342</i>	3	<input type="text"/>
Environmental Engineering 1 <i>CEE08311</i>	3	<input type="text"/>
Transportation Engineering <i>CEE08361</i>	3	<input type="text"/>
Geotechnical Engineering <i>CEE08351</i>	3	<input type="text"/>
Anal. and Design Steel Frames <i>CEE08383</i>	3	<input type="text"/>
Total	17	<input type="text"/>
Cumulative GPA		<input type="text"/>

FOURTH YEAR

FALL Senior

Senior Engineering Clinic I <i>ENGR01403</i>	2	<input type="text"/>
CE Design Project I <i>CEE08491</i>	2	<input type="text"/>
Civil Engineering Practice <i>CEE08490</i>	1	<input type="text"/>
Civil Engineering Elective	3	<input type="text"/>
Civil Engineering Elective	3	<input type="text"/>
Rowan Exp (Broad Base LIT)	3	<input type="text"/>
Total	14	<input type="text"/>
TOTAL	120	<input type="text"/>
Cumulative GPA		<input type="text"/>

SPRING Senior

Senior Engineering Clinic II <i>ENGR01403</i>	2	<input type="text"/>
CE Design Project II <i>CEE08492</i>	2	<input type="text"/>
Civil Engineering Elective	3	<input type="text"/>
Civil Engineering Elective	3	<input type="text"/>
Rowan Core (<i>Global Literacy</i>)	3	<input type="text"/>
Total	13	<input type="text"/>

Science Elective options:

Gen Biology: Envir Focus *BIOL 01112*; Gen Biology: Human Focus *BIOL 01113*; Human Anatomy and Physiology I *BIOL 01210*; Earth Science Lab I *GEOG 06130*; Physical Geology *GEOG 01101*; Foundations in Biology for Biomedical Sciences I *MCB 01101*; Biophysics II *PHYS 00360*

Depth Requirements (need three)

Environmental	<input type="text"/>
Water Resources	<input type="text"/>
Transportation	<input type="text"/>
Geotechnical	<input type="text"/>

4th CEE Elective

<input type="text"/>

ROWAN CORE LITERACIES

QNTL: Calculus I
SCIL: Chemistry I
COMM: Composition I, SEC I, SEC II
ARTL: Intro Mapping/GIS (recommended)
HUML: student selects
GLBL: student selects

ROWAN EXPERIENCE

LIT: student selects
WI: Senior Engineering Clinic

<https://tableaudash.rowan.edu/#/views/RowanCoreCourses/RowanCoreCoursesDashboard?:iid=1>