

RCSJ-GC ENGINEERING SCIENCE

Associate in Science (A.S.) - Transfer

Course Schedule at RCSJ-GC

FIRST YEAR - Fall Semester			FIRST YEAR - Spring Semester		
Course #	Course Name	Cr	Course #	Course Name	Cr
CHM 111	General Chemistry I	4	CET 108	CET Survey	3
CSC 205	C++ Programming	4	PHY 201	Physics with Calculus I	4
ENG 101	English Composition I	3	ENR 103	First Year Engineering Clinic II	2
MAT 108	Calculus I	4	ENR 207	Engineering Materials	3
ENR 102	First Year Engineering Clinic I	2	MAT 122	Calculus II	4
Total Credits		17	Total Credits		16
SECOND YEAR - Fall Semester			SECOND YEAR - Spring Semester		
Course #	Course Name	Cr	Course #	Course Name	Cr
ENG 102	English Composition II	3	MAT 205	Differential Equations	4
ENR 201	Sophomore Engineering Clinic I	1	PHI 104	Ethics	3
MAT 221	Calculus III	4	ENR 202	Sophomore Engineering Clinic II	1
ENR 211	Engineering Statics	3		Humanities	3
	Humanities	3	ENR 212	Mech of Materials	3
GEO 115	Intro to GIS	3	ENR 213	Dynamics	3
Total Credits		17	Total Credits		17
Certificate Program					
Course #	Course Name	Cr			
DFT 103	Drafting	3			
SPE 101	Oral Communication	3			
MAT 102	Linear Algebra	3			
Total Credits		9			

ROWAN UNIVERSITY - CIVIL ENGINEERING

Courses Schedule at Rowan University

THIRD YEAR - Fall Semester			THIRD YEAR - Spring Semester		
Course #	Course Name	Cr	Course #	Course Name	Cr
ENGR 01303	Junior Clinic	2	ENGR 01303	Junior Clinic	2
CEE 08305	CE Systems	3	CEE 08351	Geotechnical Engineering	3
CMS 04205	Public Speaking	3	CEE 08383	Anal. & Des Steel Frames	3
CEE 08382	Structural Analysis	3	CEE 08342	Water Resources Engineering	3
ENGR 01341	Fluid Mechanics	2	CEE 08361	Transportation Engineering	3
CEE08301	Civil Engineering Materials	2	CEE 08311	Environmental Engineering I	3
Total Credits		15	Total Credits		17
FOURTH YEAR - Fall Semester			FOURTH YEAR - Spring Semester		
Course #	Course Name	Cr	Course #	Course Name	Cr
ENGR 01403	Senior Clinic	2	ENGR 01403	Senior Clinic	2
CEE 08491	CE Design Project I	2	CEE 08492	CE Design Project II	2
CEE 08490	Civil Engineering Practice	1	MATH 01210	Linear Algebra	3
	Civil Engineering Elective	3		Civil Engineering Elective	3
	Civil Engineering Elective	3		Civil Engineering Elective	3
	Rowan Exp Lit	3	CEE 08103	Field Surveying	2
	Science Elective	4	CEE 08102	Engineering Graphics	2
Total Credits		18	Total Credits		17

Note: This is intended for guidance purposes only. All students should consult with their advisors before registration.

Note: Rowan University has established a new general education curriculum called the Rowan Core. The policy at Rowan remains that if a student has been awarded a degree at a partner institution and has completed the general education requirements there, they will have met the general education requirements here. Students must, however, meet additional graduation requirements in fulfillment of the Rowan Experience.

Note: RCSJ-GC's Sophomore Engineering Clinic I plus English Comp. II=RU Sophomore Clinic I; RCSJ-GC's Sophomore Engineering Clinic II plus Oral Communication = RU's Sophomore Engineering Clinic II

Note: MAT 202 Linear Algebra and MAT 205 Differential Equations at RCSJ-GC are equivalent to MEA at Rowan University

Note: ENR 102 and ENG 201 would match ENGR 01.201; ENR 202 and SPE 101 would match ENGR 01.202

Note: RCSJ-GC PHI 104 Ethics will count as RU PHIL 0925 Intro to Ethics

Note: Depth Requirements (need three): Environmental, Water Resources, Transportation, or Geotechnical

Note: Rowan Core in Artistic is fulfilled by Intro to GIS at RCSJ-GC

Note: RCSJ-GC's ENR 207 Eng Materials transfers as Rowan's ENGR 01.281 Material Science

Note: ENR 212 Mech of Materials transfers to Rowan as ENGR 01.272 Solid Mechanics

Updated: April 14, 2021

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