Rowan University
Henry M. Rowan College of Engineering

Engineering Entrepreneurship Curriculum Guide - ME Track

Courses in **bold/shaded** require minimum grade of C-

Incoming Class Fall 2024 and Beyond

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Fall Semester	17	**Fall Semester**	15	**Fall Semester**	14	**Fall Semester**	14
First-Year Eng Clinic 1 (ENGR 01.101)	2	Sophomore Clinic 1 (ENGR 01.201)	4	Junior Clinic (ENGR 01.303)	2	Senior Clinic (ENGR 01.403)	2
Calculus I (MATH 01.130)	4	**Calculus III (MATH 01.230)**	4	Advanced Engineering I	3	Advanced Engineering V	3
Introductory Mechanics I (PHYS 00.220) / Lab (PHYS L0220)	4	Statics (ENGR 01.271)	2	Advanced Engineering II	3	Business/Entr Elective	3
Computer Sci. & Prog* (CS 04.103)	4	Manufacturing & Measure Tech (ME 10210)	2	New Venture Development (ENT 06.426)	3	*Rowan Core Elective*	3
Rowan Core Elective	3	Principles of Accounting I (ACC 03.210)*	3	Technology Entrepreneurship (ENT 06.450)	3	*Rowan Core Elective*	3
		Student must have Sophomore Status					
Spring Semester	16	**Spring Semester**	16	**Spring Semester**	16	**Spring Semester**	12
First-Year Eng Clinic 2 (ENGR 01.102)	2	Sophomore Clinic 2 (ENGR 01.202)	4	Junior Clinic (ENGR 01.303)	2	Senior Clinic (ENGR 01.403)	2
Calculus II (MATH 01.131)	4	**Math for Engrg Analysis (MATH 01.235)**	4	Math/Science Elective	4	Math/Science Elective	4
Chemistry I (CHEM 06100 lecture; CHEML6100 lab)	4	Princ. ECE for Non-Majors (ECE 09.205) **or** Mat. Sci. & Mfg. (ENGR 01.283) **or** Intro to Scientific Program: Matlab/CAD (CS 01.104) **or** Strength of Materials (ENGR 01.273)	3	Advanced Engineering Elective III	4	Advanced Engineering VI	3
College Comp I (COMP 01.111)	3	Dynamics (ENGR 01.291)	2	Advanced Engineering IV	3	New Product Development (ENGR 01.496)	3
Entrepreneurship & Innovation (ENT 06.240)	3	Principles of Marketing (MKT 09.200)	3	Finan. & Legal Aspect of Entrep (ENT 06.342)	3		
						Total Credits	120

University Requirements

Revised 01 Jul 24

The *Rowan Core* is the University's general education model. It is based on six literacies and *Rowan Experience* (see below) that reflect contemporary priorities while maintaining a strong liberal arts foundation.

Some literacies are incorporated in your major-specific courses. Others you will fulfill by taking elective courses in the required literacy.

Rowan Core-Literacies	Fulfilled by:	Rowan Experience	Fulfilled by:
Artistic (ARTL)	*Rowan Core Elective*	*Rowan Seminar (RS)*	First Year Engineering Clinic I
Global (GLBL)	*Rowan Core Elective*	*Writing Intenstive (WI)*	Senior Engineering Clinic
Humanistic (HUML)	*Rowan Core Elective*	*Broad-based Lit. (LIT)*	*One Rowan Core Elective above must be*
Communicative (COML)	Comp I, SEC I and II		*LITerature-designated*
Quantitative (QNTL)	Calculus I	**Notes:**	
Scientific (SCIL)	Chemistry I		