Rowan University
Henry M. Rowan College of Engineering

Engineering Entrepreneurship Curriculum Guide - ME Track

Applicable to incoming Fall '20 Freshmen

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

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Fall Semester	**17**	**Fall Semester**	**16**	**Fall Semester**	**15**	**Fall Semester**	**12**
Freshman Clinic 1 (ENGR 01101)	2	Sophomore Clinic 1 (ENGR 01201)	4	Junior Clinic (ENGR 01303)	2	Senior Clinic (ENGR 01403)	2
Calculus I (MATH 01130)	4	**Calculus III (MATH 01230)**	4	Advanced Engineering I	4	Advanced Engineering V	3
Introductory Mechanics I (PHYS 00220)/Lab (PHYS L0220)	4	Statics (ENGR 01271)	2	Princ. ECE for Non-Majors (ECE 09205) or Mat. Sci. & Mfg. (ENGR 01283) or Intro to Scientific Program: Matlab/CAD (CS 01.104)	3	Technology Entrepreneurship (ENT 06450)	3
Computer Sci. & Prog (CS 04103)	4	*Rowan Core elective*	3	New Venture I: Investig thru Dev (ENT 06426)	3	*Rowan Core elective*	3
Rowan Core elective	3	Principles of Accounting I (ACC 03210)*	3	Business/Entr Elective	3	Engineering Entrepreneurship Clinic Consultar	1
		**student must have sophomore status*					
Spring Semester	**16**	**Spring Semester**	**16**	**Spring Semester**	**17**	**Spring Semester**	**11**
Freshman Clinic 2 (ENGR 01102)	2	Sophomore Clinic 2 (ENGR 01202)	4	Junior Clinic (ENGR 01303)	2	Senior Clinic (ENGR 01403)	2
Calculus II (MATH 01131)	4	**Math for Engrg Analysis (MATH 01235)**	4	Math/Science Elective	4	Advanced Engineering VI	3
College Comp I (COMP 01111)	3	Strength of Materials (ENGR 01273)	3	Advanced Engineering Elective II	4	Business/Entr Elective	3
Chemistry I (CHEM 06100)	4	Principles of Marketing (MKT 09200)	3	Advanced Engineering III	4	Math/Science Elective	3
Entrepr. & Innov (ENT 06240)	3	Dynamics (ENGR 01291)	2	Finan. & Legal Aspect of Entrep (ENT 06342)	3		
						Total Credits	**120**

NOTE: At the advisor's discretion, ME track students may take Intro to Scientific Program: MATLAB/CAD in their sophomore year, moving back either Principles of Accounting or Principles of Marketing to better prepare themselves for upper level ME electives.

University Requirements

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:
Artistic (ARTL)	*elective*
Global (GLBL)	*elective*
Humanistic (HUML)	*elective*
Communicative (COML)	Comp I, SEC I and II
Quantitative (QNTL)	Calculus I
Scientific (SCIL)	Chemistry I

Rowan Experience	Fulfilled by:
Rowan Seminar (RS)	Freshman Engineering Clinic I
Writing Intenstive (WI)	Senior Engineering Clinic
Broad-based lit. (LIT)	*Literature-designated elective*