RowanUniversity
DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING

ELECTRICAL ENGINEERING TECHNOLOGY

Rowan EET Curriculum - Advising & Progress Sheet w/Rowan Core
4-Year Curriculum - Effective Fall 2025

FALL	CR	Semester Completed	Grade	SPRING	CR	Semester Completed	Grade
FIRST YEAR							
First-Year Engineering Clinic I (ENGR 01.101)(RS)	2			First-Year Engineering Clinic II (ENGR 01.102)	2		
ECE: Solving Tomorrow's Problems (ECE 09.101)	2			College Composition I (COMP 01.111)[2] - **COMM**	3		
Pre-Calculus (MATH 01.122)[1]	4			**Calculus I (MATH 01.130)[1,2] QUANTITATIVE**	4		
Physics I (w/o Calculus) (PHYS 00.210)[2] **SCIENTIFIC**	4			Physics II w/o Calculus (PHYS 00.211)	4		
Computer Sci. & Prog (CS 04.103)	4			Fundamentals of Digital Systems (ECE 09.240)	3		
Total Units	16			Total Units	16		
SECOND YEAR							
Sophomore Engineering Clinic I (ENGR 01.201)[2] (with College Composition II) **COMM**	4			Sophomore Engineering Clinic II (ENGR 01.202)[2] (with Public Speaking) **COMM**	4		
Calculus II (MATH 01.131)[1]	4			Electric Circuits II (EET 0.222)	3		
Electric Circuits I (EET 0.121)	3			Introduction to Electronics (EET 03.230)	3		
Instrumentation & Measurement (EET 03.330)	3			Control Systems and Prog. Logic. Cont. (EET 03.370)	3		
				Micro/Macro Econ. (ECON 04.101/102) **HUMANISTIC**	3		
Total Units	14			Total Units	16		
THIRD YEAR							
Junior Technology Clinic (EGR 02.351)	2			Junior Technology Clinic II (EGR 02.352)	2		
PCB Des., Rapid Proto. and Fabr. (EET 03.360)	4			Embedded Systems & IoT (EET 03.340)	4		
Intro. to Mechanical Systems (MET 07.360)	3			Prob&Stat 4 ECE (STAT 02.286) (Also see options)[3]	3		
Analog Integrated Circuits (EET 03.332)	3			Project Management (EET 03.490) (Also see options)[4]	3		
Rowan Core **ARTISTIC**	3			Rowan Core **GLOBAL**	3		
Total Units	15			Total Units	15		
FOURTH YEAR							
Senior Technology Clinic I (EGR 02.451)	2			Senior Technology Clinic II (EGR 02.452)(WI)	2		
Applied Digital Signal Processing (EET 03.350)	4			Applied Communication Systems (EET 03.380)	3		
Professionalism and Consulting in Eng. (ECE 09.461)	1			Electrical Power & Energy Systems (EET 03.390)	3		
EET Specialization Elective EET/ECE 03.XXX/09.XXX[5]	3			Frontiers in Engineering	1		
EET Specialization Elective EET/ECE 03.XXX/09.XXX[5]	3			EET Specialization Elective EET/ECE 03.XXX/09.XXX[5]	3		
				EET Specialization Elective EET/ECE 03.XXX/09.XXX[5]	3		
Total Units	13			Total Units	15		

Rowan Core Requirements (Fill in the course information below)							
HUMANISTIC: Micro/Macro Economics	3			**ARTISTIC:**	3		
GLOBAL:	3			**Non Program** Prob&Stat for ECEs	3		
LITERATURE:				**Multidisciplinary / Out of Discipline**[9]			
Total Program Credits **120**				Multidisciplinary / Out of Discipline experience satisfied by:			

Notes:

1. Courses listed in **bold face** need to be completed with a minimum grade higher than D- to satisfy the prerequisites of one or more subsequent courses. A minimum grade of "C-" is needed in Precalculus, Calculus I and II is needed to proceed to the next course in its sequence.

2. Rowan Core requires six literacies: Communication, Quantitative, Scientific, Humanisic, Artistic, and Global. The first four are satisfied by major courses (indicated in green above). The remaining two must be taken from appropriate bank of courses, one of which must carry "Literature" attribute. Artistic and Global Rowan Core courses are shown above as place holders only. They can be taken at any time in any order.

3. A class that focuses on statistics is required. STAT 02.286 Prob & Stat. for ECEs **or** ME 10.342 Quality and Reliability in Design and Manufacture are recommended. STAT 02.260 Statistics I is acceptable.

4. A class that focuses on project management is required. You may choose from EET 03.490 Project Management, ME 10.443 Design for X, ENGR 01.496 New Product Development or MIS 02.235 Project Management.

5. EET Specialization electives are 300 or 400-level EET courses that are not otherwise required as part of the EET core curriculum. ECE courses at 300 or 400 level courses (not otherwise requried as part of the EET core curriculum) may also be taken to satisfy this requirement. One non-ECE/EET course may be taken towards these electives requirements if it is a technical 400-level course. No more than two courses taken towards a CUGS may be counted towards EET electives. Required courses taken for Minor in Systems Engineering (ECE 09.421 and ECE 09.427) cannot be also used towards ECE/EET electives.

9. OOD / Multidisciplinary experience requirement can be satisfied by any of the following. When completed, ask your advisor to put a note on your DW record.

    a. Participating in one out-of-discipline clinic project
    b. Providing consulting services to a non-ECE clinic or other research project through ECE 09.461 Clinic Consultant / Professionalism and Cons.;
    c. Taking a non-ECE technical class (must be 300 or 400-level) as an elective or an elective offered by the ECE Department but one that is clearly outside of the traditional boundaries of ECE providing non-ECE content (such as bioinformatics, biomedical systems and devices)
    d. Completing a Minor in any technical field or a CUGS offered by a program outside of ECE (no double dipping with ECE courses allowed)

RS: ENGR 01.101 First-Year Engineering Clinic satisfies Rowan Seminar, and WI: EGR 02.452 Senior Technology Clinic II satisfies the Writing Intensive requirement of Rowan Experience. Literature requirement must be satisfied by a Rowan Core / general education elective.

Your notes from meetings with your Advisor (Make sure that your advisor enters these to your record on DegreeWorks)

Revised Fall 2025 - For students entering as first-year students in Fall 2025 or later.