

B.S. IN ELECTRICAL ENGINEERING TECHNOLOGY (2+2 PROGRAM)

TRANSFER ADVISING & PROGRESS SHEET

Stu. Name: Banner ID# Entry Term:

General Education Requirements						
Rowan Course Name	CR	Completed Course # and Name	CR	Grade	Sem. Completed	School
COMP 01.111 College Composition I	3		3			
COMP 01.112 College Composition II	3		3			
CMS 04.205 Public Speaking	3		3			
ECON 04.101/2 Mic./Mac. Economics	3		3			

Math, Science & Intro to Engineering						
Rowan Course Name	CR	Completed Course # and Name	CR	Grade	Sem. Completed	School
MATH 01.122 Precalculus	4		4			
MATH 01.130 Calculus I	4		4			
PHYS 00.210 Physics I (Mechanics) ¹	4		4			
PHYS 00.211 Physics II (Elec. & Mag.) ¹	4		4			
Intro to Engineering / Design ²	4		4			
Programming (Matlab, C, or Python) can be 3 or 4 credits	3		4			

¹ Physics classes in the EET program are non-calculus-based, but calculus-based classes are also accepted for transfer purposes.

² Any introduction to engineering or engineering design related course can be used to meet engineering design requirement.

EET Core - Using four 3-credit courses ³						
Rowan Course Name	CR	Completed Course # and Name	CR	Grade	Sem. Completed	School
EET 03.121 Electric Circuits I	3					
EET 03.222 Electric Circuits II	3					
EET 03.230 Intro. to Electronics	3					
EET 09.240 Fund. of Digital Systems	3					

OR

EET Core - Using three 4-credit courses ³						
Corresponding Rowan Course	CR	Completed Course # and Name	CR	Grade	Sem. Completed	School
A Circuits Course	4					
An Electronics Course	4					
A Digital Systems / Logic Course	4					

³ Three-course sequence of circuits, electronics, and digital systems (4-cr each) can transfer as a 4-course sequence (of 3 cr. each). Fill out one of the two EET Core tables above as appropriate.

Science & Tech Focus ⁴						
Rowan Course Name	CR	Completed Course # and Name	CR	Grade	Sem. Completed	School
EET 03.300 Tech Focus Elective	3					
EET 03.300 Tech Focus Elective	3					
EET 03.300 Tech Focus Elective	3					
Science / Tech Elective	3					

⁴ Need a total of four science / tech focus electives. Three courses should directly relate to engineering technology (preferably to EET). A fourth course can be more general science oriented (or another engineering technology course)

Curriculum for the 2+2 EET Program

FIRST YEAR - Recommended Sequence and Mapping to Rowan Courses			
FALL	CR	SPRING	CR
Precalculus MATH 01.122 (Quantitative Literacy)	4	Calculus I MATH 01.130	4
Physics I (w/o Calc) PHYS 00.210 (Scientific Literacy)	4	Physics II (w/o Calc) PHYS 00.211	4
College Comp I COMP 01.111	3	Electric Circuits I EET03.121	3
A Programming Class (CS 01.104)	3	College Comp II COMP 01.112	3
TOTAL		TOTAL	
14		14	
SECOND YEAR - Recommended Sequence and Mapping to Rowan Courses			
FALL	CR	SPRING	CR
Intro to Engineering / Design (ENGR 01.101/102)	4	Science / Tech Focus Elective	3
Micro or macro economics (Humanistic Lit.)	3	Public Speaking CMS 04.205 (Comm Literacy)	3
Electric Circuits II EET 03.222	3	Technology Focus Elective (EET 03.300)	3
Digital or Logic Circuits / Systems / Electronics ECE 09.240	3	Technology Focus Elective (EET 03.300)	3
Introduction to Electronics EET03.230	3	Technology Focus Elective (EET 03.300)	3
TOTAL		TOTAL	
16		15	
THIRD YEAR - ROWAN UNIVERSITY			
FALL	CR	SPRING	CR
Junior Tech. Clinic I EGR 02.351	2	Junior Tech. Clinic II EGR 02.3	2
PCB Des., Rapid Proto. and Fabr. EET 03.360	4	Embedded Systems & IoT EET 03.340	4
Calculus II MATH 01.131	4	Statistics I STAT 02.260 or Quality & Rel. ME 10.3	3
Rowan Core - Artistic Literacy Elective	3	Rowan Core - Global Literacy Elective	3
Analog Integrated Circuits EET 03.332	3	Project Management (EET 03.490 or ME 10.443)	3
TOTAL		TOTAL	
16		15	
FOURTH YEAR - ROWAN UNIVERSITY			
FALL	CR	SPRING	CR
Senior Tech. Clinic I EGR 02.451	2	Senior Tech. Clinic II EGR 02.4	2
Applied Digital Signal Processing EET 03.350	4	Applied Communication Systems EET 03.380	3
EET Specialization Elective EET 03.XXX / ECE 09.XXX	3	Electrical Power & Energy Systems EET 03.390	3
EET Specialization Elective EET 03.XXX / ECE 09.XXX	3	EET Specialization Elective EET 03.XXX / ECE 09.XXX	3
Intro. to Mechanical Systems MET 07.360	3	EET / Tech Focus Elective EET 03.XXX / ECE 09.XXX	3
Professionalism & Consulting in Engineering ECE 09.461	1	Multidisciplinary / Out-of-Discipline Experience	0
TOTAL		TOTAL	
16		14	
TOTAL PROGRAM CREDITS:			120