

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

Incoming class Fall '20

Freshman Year		Sophomore Year		Junior Year		Senior Year	
Fall Semester	17	Fall Semester	15	Fall Semester	14	Fall Semester	14
First-Year 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
<b>Calculus I (MATH 01.130)</b>	4	<b>Calculus III (MATH 01.230)</b>	4	ME for ECE's (ME 10320) or Statics/Dynamics	3	Business/Entr Elective	3
Introductory Mechanics I (PHYS 00220)/Lab (PHYS L0220)	4	Intro Dig Sys (ECE 09241)	3	Advanced ECE Core Course	3	Technology Entrepreneurship (ENT 06450)	3
Computer Sci. & Prog* (CS 04.103)	4	<b>Prin Elec Circuit Anal (ECE 09203)</b>	4	Principles of Accounting I (ACC 03210)	3	Math/Science Elective	3
<i>Rowan Core elective</i>	3			New Venture I: Investig thru Dev (ENT 06426)	3	<i>Rowan Core elective</i>	3
Spring Semester	16	Spring Semester	17	Spring Semester	15	Spring Semester	12
First-Year 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
<b>Calculus II (MATH 01.131)</b>	4	<b>Math for Enggr Analysis (MATH 01.235)</b>	4	Math/Science Elective	4	Approved Engineering Elective	3
College Comp I (COMP 01111)	3	<b>Comp Arch (ECE 09243)</b>	3	Approved Engineering Elective	3	Business/Entr Elective	3
<b>Intro Elec. &amp; Mag. (PHYS 00.222)/Lab (PHYS L0222)</b>	4	Electronics I (09311)	3	Finan. & Legal Aspect of Entrep (ENT 06342)	3	Business/Entr Elective	3
Entrepr. & Innov (ENT 06240)	3	Principles of Marketing (MKT 09200)	3	<i>Rowan Core elective</i>	3	Engineering Entr. Clinic Consultant	1
<b>Total Credits</b>						<b>120</b>	

### 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

Artistic (ARTL)  
 Global (GLBL)  
 Humanistic (HUML)  
 Communicative (COML)  
 Quantitative (QNTL)  
 Scientific (SCIL)

#### Fulfilled by:

*elective*  
*elective*  
*elective*  
 Comp I, SEC I and II  
 Calculus I  
 Introductory Mechanics

#### Notes:

#### Rowan Experience

*Rowan Seminar (RS)*  
*Writing Intensive (WI)*  
*Broad-based lit. (LIT)*

#### Fulfilled by:

Freshman Engineering Clinic I  
 Senior Engineering Clinic  
 One *Rowan Core* elective above must be literature-designated