



# **WELCOME FIRST-YEAR STUDENTS**

## **Advising Overview**

# YOUR ENGINEERING HOME



## ROWAN HALL

(the first engineering building)

## ENGINEERING HALL

(opened in 2017)

Check out this YouTube video of Engineering Hall:  
<https://www.youtube.com/watch?v=qvAj23PgEek>



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# COLLEGE OF ENGINEERING ADMINISTRATION

**Dr. Giuseppe Palmese, Dean**

**Dr. Steven Chin, Vice Dean**

*Engineering Hall 3<sup>rd</sup> floor Administrative Suite (bridge/skywalk)*

**Biomedical Engineering (BME)**

*BME Suite, Engineering Hall, 2<sup>nd</sup> fl.*

*Dr. Mary Staehle – Department Head*

**Chemical Engineering (ChE)**

*ChE Suite, Rowan Hall, 3<sup>rd</sup> fl.*

*Dr. Kenneth Lau – Department Head*

**Civil & Environmental Engineering (CEE)**

*CEE Suite – Rowan Hall, 1<sup>st</sup> fl.*

*Dr. Kauser Jahan – Department Head*

**Electrical & Computer Engineering (ECE)**

*ECE Suite – Engineering Hall, 3<sup>rd</sup> fl.*

*Dr. Robi Polikar – Department Head*

**Engineering Entrepreneurship (E-ship)**

*Engineering Hall, Rm 134*

*Dr. Stephanie Farrell – Department Head*

**Mechanical Engineering (ME)**

*ME Suite- Rowan Hall, 2<sup>nd</sup> fl.*

*Dr. Ratan Jha – Department Head*

# Your First- and Second-Year Advising Team

*Ms. Maria Perez-Colón*, Asst. Director-Academics/Advisor  
Engineering Hall 324

**Students with last names A - K**

*Mrs. Patricia Dashefsky*, Program Advisor  
Engineering Hall 146

**Students with last names L – Z**



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# RSN/Starfish – [www.rowan.edu/rsn](http://www.rowan.edu/rsn)

RSN - **Rowan Success Network/Starfish** is a tool designed to enhance your student success by connecting you to your **network**.

Your **Network** is comprised of advisors, professors, mentors and other campus resources (including accessibility resources).

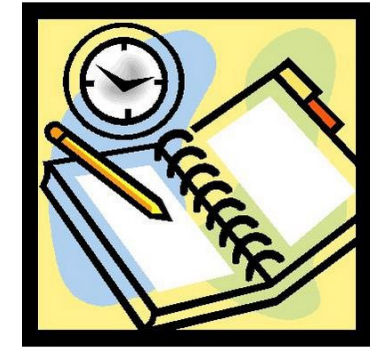
- Make appointment with your assigned advisor and other key academic support personnel (face-to-face and remote options available)
- Receive regular feedback (attendance/performance flags, kudos, etc.) from professors
- Access other campus resources, such as tutoring, etc.



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# FALL SCHEDULES



- **Incoming first-year Fall schedules**

- Pre-registered based on major
- Transcripts (for AP, dual credits, etc.) must be received by the Registrar's Office before changes can be made to schedules; work with your advisor
- A **Perfect** schedule = a COMPLETE schedule that keeps you on track toward degree completion in 4 years
- **Drop/Add** period (*first 5 days of the term*); do not make changes without consulting with your advisor;

- **Spring semester and beyond**

- Beginning with Spring registration, you will self-register and create your own schedules



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# ENGINEERING CURRICULUM

(course requirements)

## **Engineering** - structured and sequential

- Courses are taken in sequence; follow to stay on track
- Use **DegreeWorks** to keep track of your progress
- Some courses are offered only once a year
- Clinic course is taken every semester (First Year Clinic I, II; Sophomore Clinic I, II, etc.)
- Know your curriculum – there is little to no flexibility with sequence
- Always consult with your advisor before making changes to your sequence

## **Minimum grade requirements**

- Some courses carry a **minimum grade required**; refer to your curriculum guide
- All **Math courses require C- minimum grade** to advance to next course



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# Sample Curriculum Guide

## Mechanical Engineering Curriculum Guide

*In effect Fall 2022 and beyond*

**IMPORTANT: All MATH courses and courses SHADED/BOLDED below require minimum grade of C-**

Freshman Year		Sophomore Year		Junior Year		Senior Year		
Fall Semester	16	Fall Semester	16	Fall Semester	14	Fall Semester	12	
First Year Clinic I (ENGR 01101)	2	Sophomore Clinic I (ENGR 01201)	4	Junior Clinic (ENGR 01303)	2	Senior Clinic (ENGR 01403)	2	
<b>Calculus I (MATH 01130)</b>	4	<b>Calculus III (MATH 01230)</b>	4	Fluid Mechanics for ME (ME 10330)	3	Dynamic Systems & Control (ME 10345)	4	
Chemistry Lecture/Lab (CHEM06100/CHEM L6100)	4	Intro Elect. & Magnetism Lect/Lab (PHYS 00222/L0222)	4	Intro Numerical Analysis (MATH 01332) <i>or</i> Principles & Apps of ECE (ECE 09205)	3	Quality & Reliability (ME 10342)	3	
<b>Intro Programming/Prob Solv.: Matlab/CAD (CS 01104)</b>	3	<b>Statics (ENGR 01271)</b>	2	Strength of Materials (ENGR 01273)	3	Technical Elective I ( <i>see notes below</i> )	3	
<i>Rowan Core elective</i>	3	Manufg. & Measurement Tech (ME 10210)	2	<i>Rowan Core elective</i>	3			
Spring Semester	16	Spring Semester	17	Spring Semester	15	Spring Semester	14	
First Year Clinic II (ENGR 01102)	2	Sophomore Clinic II (ENGR 01202)	4	Junior Clinic (ENGR 01303)	2	Senior Clinic (ENGR 01403)	2	
<b>Calculus II (MATH 01131)</b>	4	<b>Math for Engr Analysis (MATH 01235)</b>	4	Heat Transfer for ME (ME 10335)	3	Technical Elective II ( <i>see notes below</i> )	3	
College Comp I (COMP 01111)	3	Material Science & Mfg. (ENGR 01283)	3	Finite Element Analysis (ENGR 01410)	3	Business Elective ( <i>see notes below</i> )	3	
Introductory Mechanics I Lect/Lab (PHYS 00220/PHYS L0220)	4	Dynamics (ENGR 01291)	2	Intro Numerical Analysis (MATH 01332) <i>or</i> Principles & Apps of ECE (ECE 09205)	3	Ethics Elective ( <i>see notes below</i> )	3	
Intro to Mech. Design (ME10101)	3	<b>Intro Thermal Fluid Sciences (ME 10310)</b>	4	Machine Design (ME 10301)	4	<i>Rowan Core Elective</i>	3	
							<b>Total Credits</b>	<b>120</b>







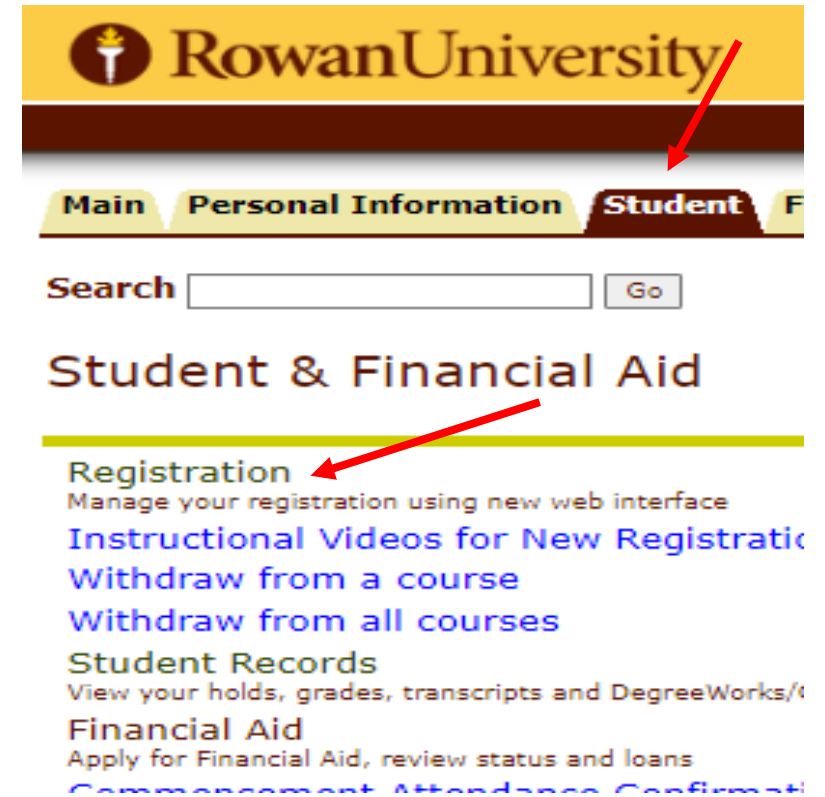
# How to View Your Schedule

- Log into Self-Service Banner: **ssb.rowan.edu**
- Click on **Student** tab (Student & Financial Aid Screen)
- From menu, select **registration**
- On the next page:
  - select **view registration information**

Registration

What would you like to do?

 <a href="#">Register for Classes</a> Search and register for your classes. You can also view and manage your schedule.	 <a href="#">Prepare for Registration</a> View registration status, update student term data, and complete pre-registration requirements.
 <a href="#">Browse Classes</a> Looking for classes? In this section you can browse classes you find interesting.	 <a href="#">View Registration Information</a> View your past schedules and your ungraded classes.



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Main Personal Information **Student** F

Search  Go

Student & Financial Aid

**Registration**  
Manage your registration using new web interface  
[Instructional Videos for New Registrati](#)  
[Withdraw from a course](#)  
[Withdraw from all courses](#)

**Student Records**  
View your holds, grades, transcripts and DegreeWorks/t

**Financial Aid**  
Apply for Financial Aid, review status and loans  
[Commencement Attendance Confirmati](#)

# DegreeWorks

*(accessed through Self-Service Banner)*

- Auditing tool – view your progress toward degree completion
- Requirements listed for your major
  - Includes minimum grade requirements for your major
  - Minimum GPA required for your major coursework
  - Credit totals
- Other features
  - Project grades and calculate GPA
  - “*What if*” scenarios if you want to add minor, certificate, etc.



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# PLACEMENT TESTING/TRANSFER/AP CREDITS

**Placement Testing:** complete all placement testing to avoid delays in finalizing your schedule (*FYI, math placement test may be retaken for better score—ask your advisor*)

## AP and Dual-Credit/College Credits

- Schedule adjustments will be made after AP scores are received (July)
- Science/math AP credits are earned with test score of 4/5
- Give careful thought to advancing to the next math course, even if you have applicable AP credits (sometimes a refresher won't hurt)

# LAPTOP REQUIREMENT

Refer to website for the 2023  
laptop recommendation



**Instructional Technology Website:**

[https://engineering.rowan.edu/inf\\_resources/index.html](https://engineering.rowan.edu/inf_resources/index.html)

Support Desk - [support@rowan.edu](mailto:support@rowan.edu) or call: 856-256-4400

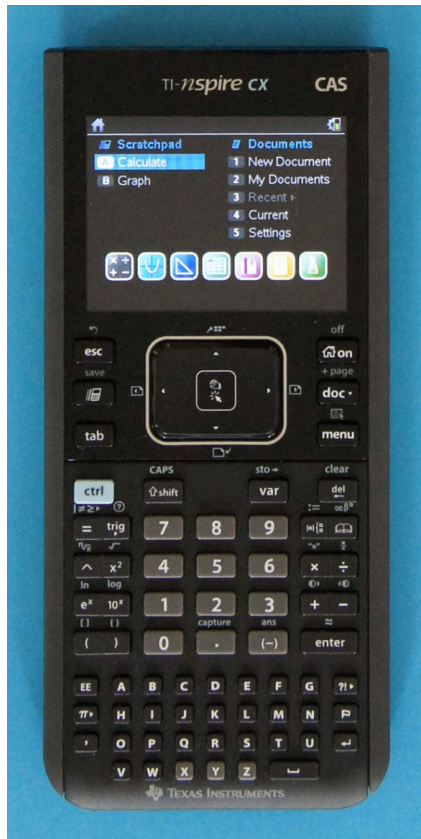


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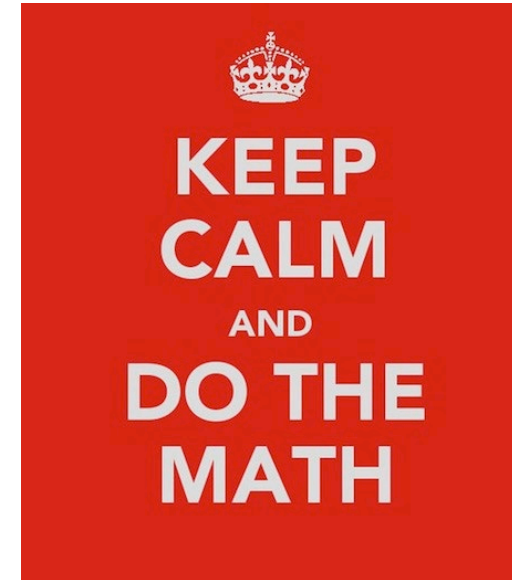
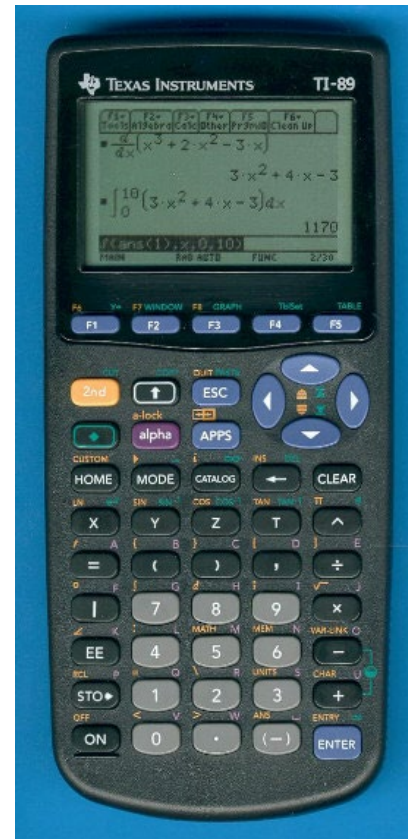
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# RECOMMENDED CALCULATOR TEXAS INSTRUMENTS

**TI Nspire CA  
or CX CAS\***



**TI-89**



\* Be sure your calculator model is a CA or CX CAS



# Student Communications

It is YOUR responsibility to *stay on top of things* — READ YOUR ROWAN EMAILS REGULARLY. All university business is conducted **via Rowan student email**. This includes notices/announcements related to your courses, as well as administrative matters.

## Academics:

- Know the expectations for each class – read and understand the **syllabus**
- Be aware of important dates for upcoming assignments, tests/exams and special announcements from professor
- Know where you stand in each class; speak with your instructors

## Administrative:

- Be aware of the registration schedule for the following semester
- Clear any holds on your account that may impede registration
- Be mindful of Financial Aid deadlines



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and  more thing...

**Email [enr-advising@rowan.edu](mailto:enr-advising@rowan.edu) with questions**

**Complete all placement testing** to avoid delays in finalizing your schedule  
*(math placement test may be retaken for better score—ask your advisor)*

*Don't forget to check out the following online College resources:*

- [www.rowan.edu/engineering](http://www.rowan.edu/engineering)
- [https://engineering.rowan.edu/current\\_students/advising](https://engineering.rowan.edu/current_students/advising)

\*A copy of this slideshow will be emailed to you—check your Rowan student email.



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# Next up: Department/Major Presentations

Students will now break out by major and move onto an overview of your major by the department head (or other representative).



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