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
<table>
<thead>
<tr>
<th>Department</th>
<th>Suite/Location</th>
<th>Department Head</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biomedical Engineering (BME)</td>
<td>BME Suite, Engineering Hall, 2nd fl.</td>
<td>Dr. Mary Staehle – Department Head</td>
</tr>
<tr>
<td>Chemical Engineering (ChE)</td>
<td>ChE Suite, Rowan Hall, 3rd fl.</td>
<td>Dr. Kenneth Lau – Department Head</td>
</tr>
<tr>
<td>Civil &amp; Environmental Engineering (CEE)</td>
<td>CEE Suite – Rowan Hall, 1st fl.</td>
<td>Dr. Kauser Jahan – Department Head</td>
</tr>
<tr>
<td>Electrical &amp; Computer Engineering (ECE)</td>
<td>ECE Suite – Engineering Hall, 3rd fl.</td>
<td>Dr. Robi Polikar – Department Head</td>
</tr>
<tr>
<td>Engineering Entrepreneurship (E-ship)</td>
<td>Engineering Hall, Rm 134</td>
<td>Dr. Stephanie Farrell – Department Head</td>
</tr>
<tr>
<td>Mechanical Engineering (ME)</td>
<td>ME Suite- Rowan Hall, 2nd fl.</td>
<td>Dr. Ratan Jha – Department Head</td>
</tr>
</tbody>
</table>
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
RSN/Starfish – 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.
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
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
# Sample Curriculum Guide

## Mechanical Engineering Curriculum Guide

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

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Sophomore Year</th>
<th>Junior Year</th>
<th>Senior Year</th>
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</thead>
<tbody>
<tr>
<td><strong>Fall Semester</strong></td>
<td><strong>16</strong></td>
<td><strong>Fall Semester</strong></td>
<td><strong>16</strong></td>
</tr>
<tr>
<td>First Year Clinic I (ENGR 01101)</td>
<td>2</td>
<td>Sophomore Clinic I (ENGR 01201)</td>
<td>4</td>
</tr>
<tr>
<td>Calculus I (MATH 01130)</td>
<td>4</td>
<td>Calculus III (MATH 01230)</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry Lecture/Lab (CHEM06100/CHEM L6100)</td>
<td>4</td>
<td>Intro Elect. &amp; Magnetism Lect/Lab (PHYS 00222/L0222)</td>
<td>4</td>
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<tr>
<td>Intro Programming/Prob Solv.: Matlab/CAD (CS 01104)</td>
<td>3</td>
<td>Statics (ENGR 01271)</td>
<td>2</td>
</tr>
<tr>
<td>Rowan Core elective</td>
<td>3</td>
<td>Manufg. &amp; Measurement Tech (ME 10210)</td>
<td>2</td>
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<tr>
<td><strong>Spring Semester</strong></td>
<td><strong>16</strong></td>
<td><strong>Spring Semester</strong></td>
<td><strong>17</strong></td>
</tr>
<tr>
<td>First Year Clinic II (ENGR 01102)</td>
<td>2</td>
<td>Sophomore Clinic II (ENGR 01202)</td>
<td>4</td>
</tr>
<tr>
<td>Calculus II (MATH 01131)</td>
<td>4</td>
<td>Math for Engr Analysis (MATH 01235)</td>
<td>4</td>
</tr>
<tr>
<td>College Comp I (COMP 01111)</td>
<td>3</td>
<td>Material Science &amp; Mfg. (ENGR 01283)</td>
<td>3</td>
</tr>
<tr>
<td>Introductory Mechanics I Lect/Lab (PHYS 00220/PHYS 00220)</td>
<td>4</td>
<td>Dynamics (ENGR 01291)</td>
<td>2</td>
</tr>
<tr>
<td>Intro to Mech. Design (ME10101)</td>
<td>3</td>
<td>Intro Thermal Fluid Sciences (ME 10310)</td>
<td>4</td>
</tr>
</tbody>
</table>

**Total Credits** 120
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
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.
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

Support Desk - support@rowan.edu or call: 856-256-4400
RECOMMENDED CALCULATOR
TEXAS INSTRUMENTS

TI Nspire CA
or CX CAS*

TI-89

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

KEEP CALM
AND
DO THE MATH

Rowan University
ORIENTATION
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
Email **engr-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.*
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).