Rowan University

## ELECTRICAL & COMPUTER ENGINEERING (ECE)

FUTURE IS WHAT WE DO

WELCOME!
CLASS OF 2028

Rowan University

✉ **Engineering Hall, 600 N. Campus Dr., Glassboro, NJ 08028**

☎ **(856) 256-5362** 🌐 **www.rowan.edu/ece**

Accredited by

ABET Engineering Accreditation Commission

Rowan University™

- Your new home for learning, adventure, building lifelong relationships and collaborations, and becoming a Rowan Engineer

- ECE Department: 3rd Floor, Engineering Hall (EH)
- ECE Admin Suite: EH 346
  - **Program assistant: Mrs. Nancy Stein, stein@rowan.edu**
  - **Phone: 856 256-5362**
- ECE Undergraduate Coordinator:
  - **Dr. Gina Tang, EH 331, tang@rowan.edu**
- ECE Technologist:
  - **Mr. Karl Dyer, EH 317, dyerk@rowan.edu**
- ECE Department Head:
  - **Dr. Robi Polikar EH 346B, polikar@rowan.edu**
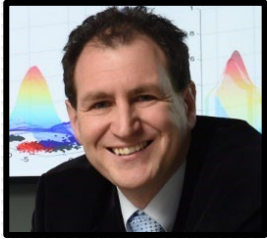
DR. ROBI POLIKAR, DEPT. HEAD
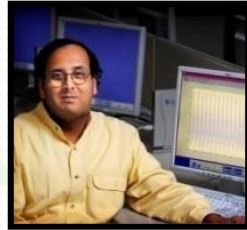*Computational intelligence, machine learning and signal processing*
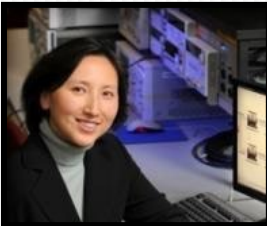
DR. GINA TANG, UG COORD.
Computer networking operational research Augmented reality

DR. NIDHAL BOUAYNAYA ASSOC. DEAN / RESEARCH
Complex and dynamical systems, optimization, AI

DR. JOHN SCHMALZEL, FOUNDING CHAIR
Smart sensors and systems, smart-grid

DR. RAVI RAMACHANDRAN
Speech processing, digital signal processing, speaker identification, xplainable AI

DR. JIE LI, GR COORD.
Power Systems, Microgrid, Power Distribution, Control Systems

DR. DWAIPAYAN CHAKRABORTY
Computer architecture, electronic design automation, post-Moore architectures
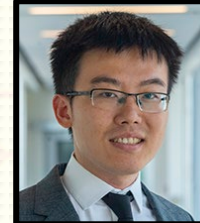
DR. YASHWANT SINHA
Off shore wind, renewable energy, power systems

MR. RUSSELL TRAFFORD
Digital and embedded systems, microprocessors, control systems

DR. BEN WU
Communications, cyber-physical systems, ultra-fast signal processing

DR. HUAXIA WANG.
Wireless Comm., Image Processing, Machine Learning, V2X Systems

DR. QIANQIAN ZHANG
Non-terrestrial & wireless communications, AI & ML

DR. MICHAEL MAUK
Electromagnetics, circuits, photonics, reliability eng.

MR. KARL DYER
Technical Support

MS. NANCY STEIN-PIZZO
Program Assistant

Mr. Adam Fifth
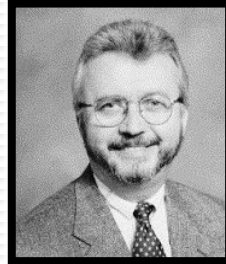*Electromagnetics, VLSI Design, Aerospace Systems*

Mr. Pete Mauro
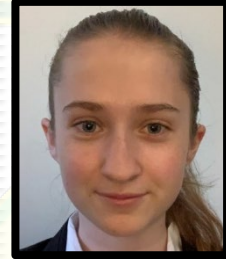*Cybersecurity, systems engineering*

Mr. Ajay Koliwad
Embedded Systems, Internet of Things

Mr. Ingar Blosfeld
Lockheed Martin
Radar Systems

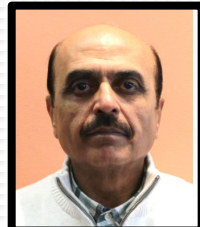**Dr. Bernie Pietrucha**
Electric circuits, electronics

Ms. Michelle Frolio
Impulse Dynamics
Electronics, PCB Design, Automation, Instrumentation

Dr. Cortney Bolden
Electronics, Rapid Prototyping, Fabrication, Control Systems

Dr. George Lecakes
Virtual Reality, Advanced Visualization

Dr. Azzam Ul-Asar
Power systems, energy storage

Mr. Mark Roman
NavSea
Cybersecurity, Model Based Systems Engineering

Mr. Simohamed Roudani
Cybersecurity, ethical hacking, forensics

Dr. Todd Schuck
Lockheed Martin Fellow
Systems Engineering

Ms. Maggie Bosak
RTM Vital Signs
Embedded Systems, Internet of Things, Microcontrollers

College of Engineering Leadership

Dr. Giuseppe R. Palmese
Dean of Engineering

Dr. Steven Chin
Vice Dean of engineering

ROWAN ECE CURRICULUM - ADVISING & PROGRESS SHEET w/ROWAN CORE
EFFECTIVE FALL 2024

| 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		
Calculus I (MATH 01.130)[1,2] **QUANTITATIVE**	4			**Calculus II (MATH 01.131)[1]**	4		
Intro. Mechanics I (PHYS 00.220)[2] **SCIENTIFIC**	4			**Intro Elec. & Mag. (PHYS 00.222)[1]**	4		
Computer Sci. & Prog (CS 04.103)	4			Intro. to Digital Systems (ECE 09.241)	2		
Total Units	16			Total Units	15		
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 III (MATH 01.230)[1]	4			Math for Eng. Analysis I (MATH 01.235)[3]	4		
Computer Architecture (ECE 09.243)[1]	3			Principles of Data Structures (CS 04.225)	3		
Electrical Circuit Analysis (ECE 09.203)[1]	4			Embedded Systems (ECE 09.342)	3		
				Electronics I (ECE 09.311)	3		
Total Units	15			Total Units	17		
THIRD YEAR							
Junior Engineering Clinic (ENGR 01.303)	2			Junior Engineering Clinic (ENGR 01.303)	2		
Signals & Systems (ECE 09.341)[1]	2			Systems & Control I (ECE 09.321)	3		
Science Elective[4]	4			Digital Signal Processing (ECE 09.351)	3		
Engineering Electromagnetics (ECE 09.303)	3			Modules in ECE (ECE 09.363)	1		
Mech. Engineering for ECEs (ME 10.320)[5]	3			ECE Technical Elective[7]	3		
Business Elective[6] **(Non program requirement)**	3			Prob & Stat for ECE (STAT 02.286) **(Non program)**	3		
Total Units	17			Total Units	15		
FOURTH YEAR							
Senior Engineering Clinic (ENGR 01.403)[WI]	2			Senior Engineering Clinic (ENGR 01.403)[WI]	2		
VLSI Design (ECE 09.414)	3			Professionalism & Consulting (ECE 09.461)	1		
Electrical Communication Systems (ECE 09.433)	3			Seminar: Frontiers (ECE 09.498)	1		
ECE Technical Elective[7]	3			ECE Technical Elective[7]	3		
ECE Technical Elective[7]	3			ECE Technical Elective[7]	3		
Rowan Core[2]	*3*			Rowan Core[2]	3		
				Rowan Core[2]	3		
Total Units	17			Total Units	16		

Out of Discipline Requirement	NA		NA

- This is one of the most important and critical documents you will need.

- Get the Advising & Progress sheet and complete it as you go through the program.

- Direct link QR code:
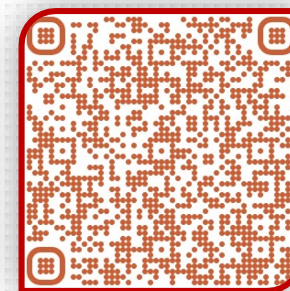
Scan for Advising & Progress Sheet

- ECE curriculum is always evolving. There may be minor changes to this curriculum – if and when that happens, you will be informed immediately.

- Courses listed in boldface need to be completed with a minimum grade higher than D+ (C or C-, depending on the course) to satisfy the prerequisites of one or more subsequent courses.

- Rowan Core requires six literacies: Communication, Quantitative, Scientific, Artistic, Global, Humanistic. The first three are satisfied by major courses. The remaining three must be taken from the appropriate bank of courses, one of which must carry the "Literature" attribute. Some business electives may satisfy HUML requirement.

- Science Elective: CHEM 06.100 College Chemistry I, BIOL 01.112 General Biology, Environmental Focus, BIOL 01.113 General Biology, Human Focus; BIOL 01.115 General Biology – Plants and People; BIOL 10.210 Human Anatomy and Physiology; PHYS 00300 Modern Physics; PHYS 00221 Introductory Thermo, Fluid, Wave and Optics.

- ECE electives are 400-level ECE courses that are not otherwise required as part of the ECE core curriculum. One non-ECE course may be taken toward ECE electives requirements if it is a relevant 400-level course. Most 400-level engineering courses qualify, but please check with ECE Dept. Head before registering if you want to take a non-ECE class towards ECE elective requirements. Some 300-level EET courses may also be used

- OOD / Multidisciplinary experience requirement can be satisfied by either
  a. Participating in one out-of-discipline clinic project
  b. Providing consulting services to a non-ECE clinic or another research project through Clinic Consultant;
  c. Taking a non-ECE class 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 field (which automatically satisfies item (c) above)
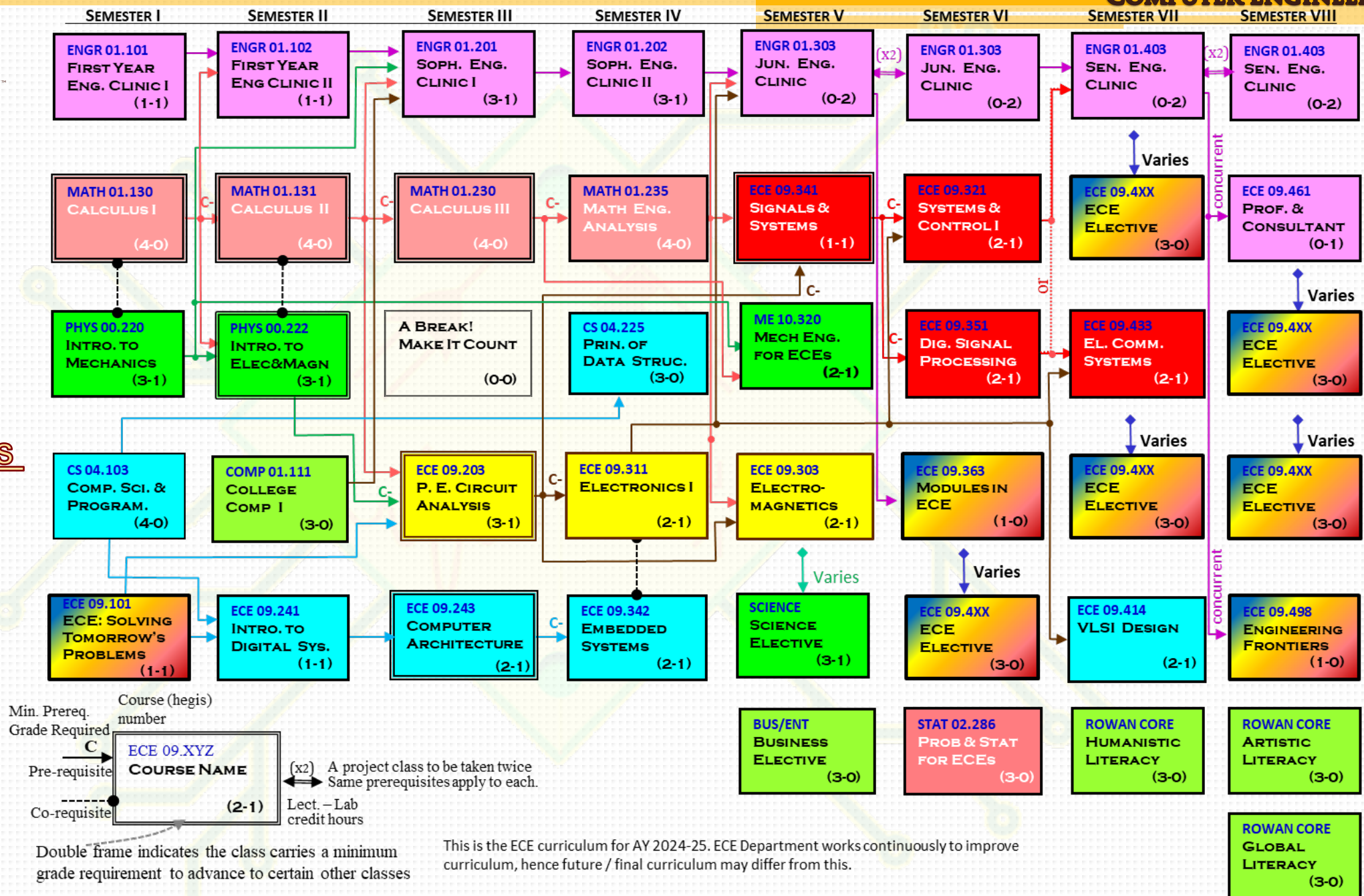
2024 ECE Curriculum Flow Chart

ELECTRICAL & COMPUTER ENGINEERING

Rowan University

↑ Scan for ↑ Flowchart

PREREQUISITES MATTER!

SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V	SEMESTER VI	SEMESTER VII	SEMESTER VIII
ENGR 01.101 FIRST YEAR ENG. CLINIC I (1-1)	ENGR 01.102 FIRST YEAR ENG CLINIC II (1-1)	ENGR 01.201 SOPH. ENG. CLINIC I (3-1)	ENGR 01.202 SOPH. ENG. CLINIC II (3-1)	ENGR 01.303 JUN. ENG. CLINIC (0-2)	ENGR 01.303 JUN. ENG. CLINIC (0-2) (x2)	ENGR 01.403 SEN. ENG. CLINIC (0-2)	ENGR 01.403 SEN. ENG. CLINIC (0-2) (x2)
MATH 01.130 CALCULUS I (4-0)	MATH 01.131 CALCULUS II (4-0)	MATH 01.230 CALCULUS III (4-0)	MATH 01.235 MATH ENG. ANALYSIS (4-0)	ECE 09.341 SIGNALS & SYSTEMS (1-1)	ECE 09.321 SYSTEMS & CONTROL I (2-1)	ECE 09.4XX ECE ELECTIVE (3-0)	ECE 09.461 PROF. & CONSULTANT (0-1)
PHYS 00.220 INTRO. TO MECHANICS (3-1)	PHYS 00.222 INTRO. TO ELEC&MAGN (3-1)	A BREAK! MAKE IT COUNT (0-0)	CS 04.225 PRIN. OF DATA STRUC. (3-0)	ME 10.320 MECH ENG. FOR ECEs (2-1)	ECE 09.351 DIG. SIGNAL PROCESSING (2-1)	ECE 09.433 EL. COMM. SYSTEMS (2-1)	ECE 09.4XX ECE ELECTIVE (3-0)
CS 04.103 COMP. SCI. & PROGRAM. (4-0)	COMP 01.111 COLLEGE COMP I (3-0)	ECE 09.203 P. E. CIRCUIT ANALYSIS (3-1)	ECE 09.311 ELECTRONICS I (2-1)	ECE 09.303 ELECTRO-MAGNETICS (2-1)	ECE 09.363 MODULES IN ECE (1-0)	ECE 09.4XX ECE ELECTIVE (3-0)	ECE 09.4XX ECE ELECTIVE (3-0)
ECE 09.101 ECE: SOLVING TOMORROW'S PROBLEMS (1-1)	ECE 09.241 INTRO. TO DIGITAL SYS. (1-1)	ECE 09.243 COMPUTER ARCHITECTURE (2-1)	ECE 09.342 EMBEDDED SYSTEMS (2-1)	SCIENCE SCIENCE ELECTIVE (3-1)	ECE 09.4XX ECE ELECTIVE (3-0)	ECE 09.414 VLSI DESIGN (2-1)	ECE 09.498 ENGINEERING FRONTIERS (1-0)
				BUS/ENT BUSINESS ELECTIVE (3-0)	STAT 02.286 PROB & STAT FOR ECEs (3-0)	ROWAN CORE HUMANISTIC LITERACY (3-0)	ROWAN CORE ARTISTIC LITERACY (3-0)
							ROWAN CORE GLOBAL LITERACY (3-0)

Legend:
- ENGINEERING CLINICS
- MATHEMATICS
- PHYSICAL & ENG. SCIENCES
- ELECTRICAL ENG. CORE
- SIGNALS & SYSTEMS CORE
- COMPUTER ENG. CORE
- ROWAN CORE
- ECE CROSS CUTTING

Min. Prereq. Grade Required — **C** — Pre-requisite →
Course (hegis) number
ECE 09.XYZ **COURSE NAME** (2-1)
Co-requisite ┄┄→
(x2) A project class to be taken twice — Same prerequisites apply to each.
Lect. – Lab credit hours

Double frame indicates the class carries a minimum grade requirement to advance to certain other classes

This is the ECE curriculum for AY 2024-25. ECE Department works continuously to improve curriculum, hence future / final curriculum may differ from this.

Mar, 2022

- You will be pre-registered for your first semester courses
  - This is the first and the last time you will be pre-registered for your courses.
  - Starting for Spring semester (sometime in October), you will register on your own.
    - **Make sure to visit your advisor each semester before registering to ensure that you are on track and you are taking the correct courses.**
    - **Also keep a copy of the Advising & Progress sheet with you at all times.**

- Make sure that you are registered for these first semester courses
  - You will later be able to make adjustments if you need to – for example, if you have AP credits or college credits for any of these courses. See Ms. Maria Perez Colon.

- To see your current registration, visit www.rowan.edu/selfservice

← Scan for
Advising &
Progress Sheet

ENGR 01.101
FIRST YEAR
ENG. CLINIC I
(1-1)

MATH 01.130
CALCULUS I
(4-0)

PHYS 00.220
INTRO. TO
MECHANICS
(3-1)

CS 04.103
COMP. SCI. &
PROGRAM.
(4-0)

ECE 09.101
ECE: SOLVING
TOMORROW'S
PROBLEMS
(1-1)

- If you start struggling on any issue: seek assistance immediately, do not wait until it becomes a problem. The earlier you seek help, the easier the solution!

- First-year advisors: Ms. Gabriel Garcia, **garciage@rowan.edu**,
Ms. Patty Dashefsky, **dashefskyp@rowan.edu**
  - **But, first send an e-mail to engr-advising@rowan.edu with your request, email must include full name and Banner ID.**

EH 147, 6-4815   **EH 146, 6-5837**

- ECE specific curriculum issues: Dr. Gina Tang, UG Coordinator, **tang@rowan.edu**

- Advising page on department webpage:
  - Main page → Advising

ECE Advising

- General engineering advising: https://engineering.rowan.edu/current_students/advising/

EH 331, 6-5339

- University Academic Advising & Support: https://sites.rowan.edu/student-success/advising/

- Student Self Service (registration, transcript, etc.): **www.rowan.edu/selfservice**

- Department webpage: **www.rowan.edu/ece**

- You are **always** welcome to visit the UG program chair, Dr. Gina Tang (**tang@rowan.edu**) and/or Dept. Head with any questions: Dr. Robi Polikar, 346B, **polikar@rowan.edu**
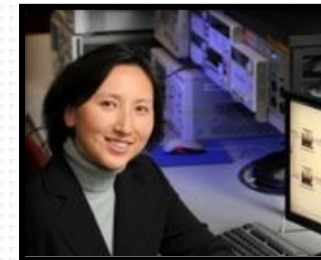
- Office of the Registrar: www.rowan.edu/registrar

- See the following resources:
  - How to register – **https://sites.rowan.edu/registrar/registration-information/how-to-register1/**
  - Section Tally: **https://banner.rowan.edu/reports/reports.pl?task=Section_Tally** where all courses are listed for each semester
    - **How to use Section Tally to search for courses: https://sites.rowan.edu/registrar/_docs/navigate-section-tally.pdf**
  - Dates and deadlines: **https://sites.rowan.edu/registrar/registration-information/registration-dates.html**
    - **Fall 24: https://sites.rowan.edu/registrar/_docs/fall-2024-8-8-24.pdf**
  - Transferring credits: **https://sites.rowan.edu/registrar/transferring-credits/**
    - **AP Credits: https://sites.rowan.edu/registrar/transferring-credits/non-traditional-transfer-credits.html**
  - Registrar Forms: **https://sites.rowan.edu/registrar/forms1/index.html**
    - **Registration related forms: https://sites.rowan.edu/registrar/forms1/registration-related-forms.html**

↑Scan for ↑
Office of Registrar

- You can use Degree Works shows all graduation requirements and your progress towards those requirements. It also shows any concentration or minor requirements, as well as several other useful information, including "what if analysis."
  - To get to Degree Works: Self Service → Student Tab→ Student Records → Degree Works

- Training material for Degree Works:
  - https://sites.rowan.edu/registrar/degreeworks/dw-training-for-students.html

- IMPORTANT DISCLAIMER:
  - Degree Works is not perfect, and does not know all scenarios or exceptions. You are encouraged to use this degree audit report as a guide when planning your progress toward completion of the above requirements. Your academic advisor or the Registrar's Office may be contacted for assistance in interpreting this report. This audit is not your academic transcript and is not official notification of completion of degree or certificate requirements.

- The following are optional, additional curricular programs available to you.
  - Concentrations, Co-op & Certificate Programs
    - **Minor in Systems Engineering**
    - **Certificate of Undergraduate Studies in Combat Systems Engineering (CSE)**
    - **Certificate of Undergraduate Studies in Machine Learning**
    - **Certificate of Undergraduate Studies in Power Systems**
    - **Certificate of Undergraduate Studies in Cybersecurity Engineering**
    - **Certificate of Undergraduate Studies in Wind Energy Systems**
    - **Co-op at Lockheed Martin (Requires CSE certificate)**
    - **Co-op at Atlantic City Electric (Requires Power Systems certificate)**
    - **4+1 BS/MS Degree and Senior Privilege**

  Scan for CUGS →

  ←Scan for 4+1 BS/MS

  - Additional information for these can be found at on our webpage:
    www.rowan.edu/ece → Undergraduate Programs → Minors, CUGS, Combined BS/MS Programs

  - Popular Minor programs for ECE students
    - **Computer Science**
    - **Math**
    - **Physics**
    - **Mechanical Engineering**
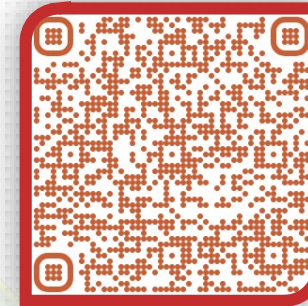
For any and all health-related issues (body & mind), there are several campus resources available to you. Take advantage of them. There is no reason for you to hesitate, feel ashamed to contact the good folks who are at these offices to help you.

- Wellness Center: **https://sites.rowan.edu/wellness/**

- Counseling & Psychological Services:
  https://sites.rowan.edu/wellness/counseling
  https://sites.rowan.edu/wellness/counseling/services/

- Accessibility Resources:
  https://sites.rowan.edu/accessibilityservices/

Scan for →
Wellness Center

We See You.
We Hear You.
We Support You.

- First, ignore naysayers and doomsayers, who argue that engineering is very difficult.
  - Engineering is not any more difficult than many other disciplines, but it does require hard work, critical thinking, good time management

- **<u>Time management is critical</u>** – Be smart, methodical, and timely in your studies.

- Stay on top of your classes - It is easier than catching up if you fall behind.
  - Helpful tip
    - At a minimum, take a critical and honest look at each assignment <u>on the evening that is assigned</u>
    - Try to understand how long it will take to complete it
    - Make a plan, write it down.
    - Make sure to account for unexpected delays

- Biggest and common mistake for those who fall behind:
  - Having enjoyed being at or near the top of your class throughout high school, you believe the same amount time/method for being successful in HS is also what is needed in college.

- University classes are different than high school. You may need to change the way you are used to learn.
  - Do not expect the professor to tell you everything you need to know.
    - **That is not how learning happens in life. Be prepared to play a much more active role in your own learning.**
    - **A lecture should not be the first time and place you see any of the topics in class. Come prepared!**
    - **In high school you were taught. In college, you will learn!**
  - Do not expect the problems assigned to be similar to what is done in class.
    - **None of the problems you encounter in your career will be similar to a problem solved in a book or class.**
  - Your professor will guide you and will teach you how to think critically and how to learn, but you will need to read, explore, investigate, try, fail, try again, ask questions and find answers to solve problems.

Academic dishonesty is not tolerated.

The consequences are serious and lasting. Don't even think about it!

See Rowan academic integrity policy:

https://confluence.rowan.edu/display/POLICY/Academic+Integrity+Policy

- **Generally speaking:**
  - Presenting or submitting someone else's work, even if you have their permission, as if it is your work (this is also called **plagiarism**)
  - Unauthorized use of generative AI
  - Making up data
  - Inappropriately adjusting, modifying, "cooking" data
  - Not properly citing / referencing other people's work

  are all forms of academic dishonesty.

- Be aware of distractors
  - Make sure to balance your time with curricular, extracurricular and social events
  - Get your work done first!

https://smallbiztrends.com/category/social-media

- A common motivational motto says *always give 100% to everything you do, unless you are donating blood*.

- I suggest a different motivational motto:
  - **Do the best you can, and then do a little bit more.**

- Do not cut corners, look for shortcuts.
  - Give every topic, assignment, and project the full amount of time and effort it needs and deserves.

https://www.teecafe.co.uk/
always-give-100-percent-unless-youre-giving-blood-joke-t-shirt-14415-p.asp

- Participate in ECE (and other) student club activities:

  - IEEE Student Branch
  - Robotics and Automation Society
  - Women in Engineering
  - Society of Women Engineers
  - ProfHacks 2025
  - American Institute of Aeronautics and Astronautics (AIAA)
  - ... many others

- ...but pace yourself. Start with one or two at most, then judge based on your time management.
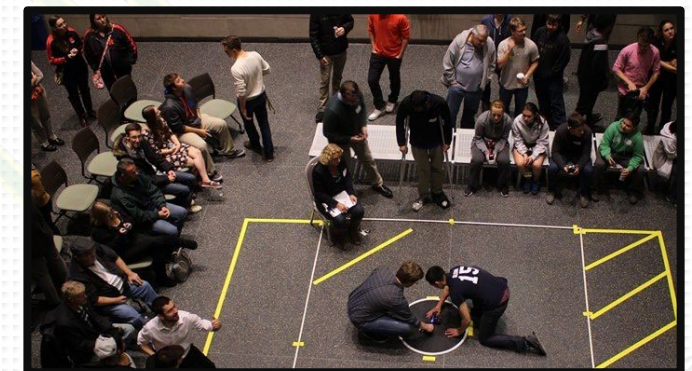
IN CASE OF EMERGENCIES DIAL 856-256-4911

- All safety protocols must be followed at all times in the labs. Do not access ceiling-level services. All class/lab doors shall remain closed and locked at all times. In case of (electrical) emergency, kill the power by hitting the **EMERGENCY STOP** button **and** call 6-4911
- **You must take the ECE Safety Training every year**, and pass the safety test to work in the labs.
- Transportation devices (bikes, skateboards, etc.) are not permitted in the building.
- Backpacks are not to be worn in labs, hand-carry only, and are to be placed under desks – aisles shall remain clear
- You may only use equipment for which you have completed proper training. Seek assistance if unfamiliar with an instrument.
- **No one shall be operating equipment or working in a lab without another person present.**
- Closed-toe shoes and long pants/skirts must be worn in all labs. Food and drink are prohibited in all labs at all times
- Always clean up after yourself. Leave your workplace cleaner than you found it. Anything left in the labs will be discarded!
- All students should have their own basic tools. IEEE will provide you with more information early in the semester.
- Our technologists and staff members treat all students in a friendly and professional manner; however, they are not your friends. They are professionals working in a professional setting - and they are to be treated with utmost respect, just like you would treat a faculty member or the Dean. They are to be addressed and respected in a manner that is commensurate with the professional nature of the work they are doing. They should be addressed as Mr. *** Ms. ***, etc., and not by their first name. Student staff members are also working in a professional capacity, treat them with respect.
- If any faculty or technologist asks you to leave a laboratory for violation of any safety or laboratory policy, you must do so immediately or you will be removed by public safety. Any form of verbal or physical harassment will be handled directly and immediately by public safety.
- Be professional – our laboratories house some of the most advanced instruments available today. It is your lab and mostly your responsibility to keep them clean, safe, and functional.

PROFESSIONAL COURTESY & ETIQUETTE

- ABCs of Professional Etiquette: Appearance, Behavior and Communication

- Addressing professors and staff members

- Use of mobile devices in classroom

- Asking questions in classroom

- Use of e-mail as a professional communication tool

- Coming to class prepared

- Understand what constitutes academic dishonesty, and avoid it at all costs.

- Be civil, kind and courteous to each other.

- Respect everyone's individuality, preferred names, pronouns, culture, as well as intellectual curiosity.

- Be generous with your time when helping others.

- E-mail is for professional communication, and it is forever!

- Do not write/send anything you will later regret.

- Do not send any e-mail before thoroughly reading it first.
  - Set "cancellation period" to 30 seconds just in case.

- Every e-mail **must** have:
  - Proper and descriptive subject line;
    - **Do not introduce new topic in an e-mail reply, different than what the subject line indicates. Start a new thread!**
  - A formal greeting
    - **For example, "Dear Dr. Polikar", and not "Hey!" or "Listen, Robi, help me out here…";**
  - Proper and formal language
    - **No acronyms like LMK, LOL, IMHO, TTFN, etc.**
    - **No unprofessional language such as "we're cool", "yeah"**
    - **And certainly, no profanity / disrespectful language.**
  - a formal closing and signature line
    - **For example, "sincerely", "thank you", or "regards"**
    - **Include your name, last name and Banner ID**

Full departmental e-mail etiquette guidelines
https://engineering.rowan.edu/_docs/electrical computer/e-mail-etiquette.pdf

- We, the ECE Family, form a close-knit community.
  - We help each other, lift each other.
  - Many of the friendships you form here will stay with you for the rest of your lives!
    - **Some of you will become business partners of each other**
    - **Some of you will be colleagues working at the same company**
    - **...and yes, some of you may even marry each other! It did happen.**
  - If you are competitive,
    - **there are plenty of opportunities available – join student clubs and attend competitions,**
  - but leave your competitiveness outside when coming into class, lab, or study sessions.
    - **Always offer to help your fellow ECE students**
    - **You figured something out, and your fellow students have not, do not try to take over the work.**
    - **Help them and give them time, space and opportunity to learn, particulate and contribute.**
      - ... except in exams

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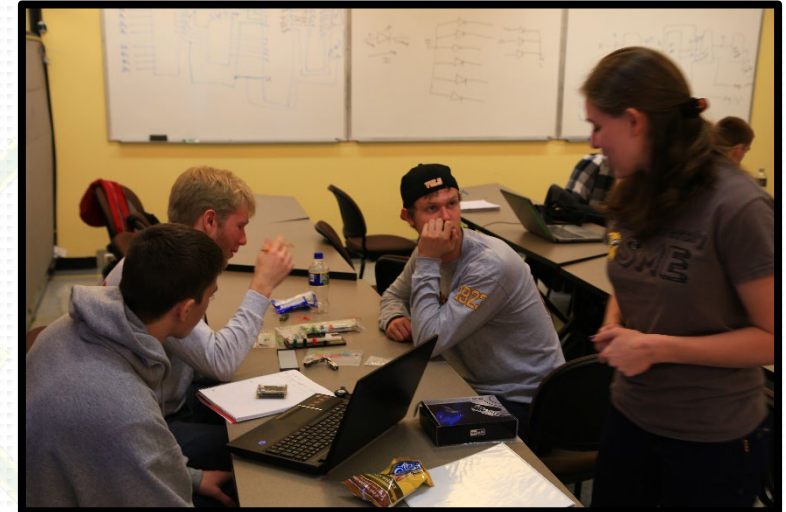
- Everyone in this department is here based on their merits. There is not a single student admitted based on anything other than her/his background and potential to be successful in the ECE program.
  - Treat everyone with respect and dignity
  - Be courteous not just to ECE faculty and staff, but to everyone in our program, college, university, and community
  - In ECE Department we celebrate our diversity. We welcome anyone and everyone who contributes to scholarly activities and learning endeavors of this department, and the betterment of our community ...
    - **... regardless of their ethnic background, race, nationality, sexual preferences, gender or gender identity, religious beliefs or lack thereof**
    - **... and we expect – and demand – every member of our community to do so as well!**
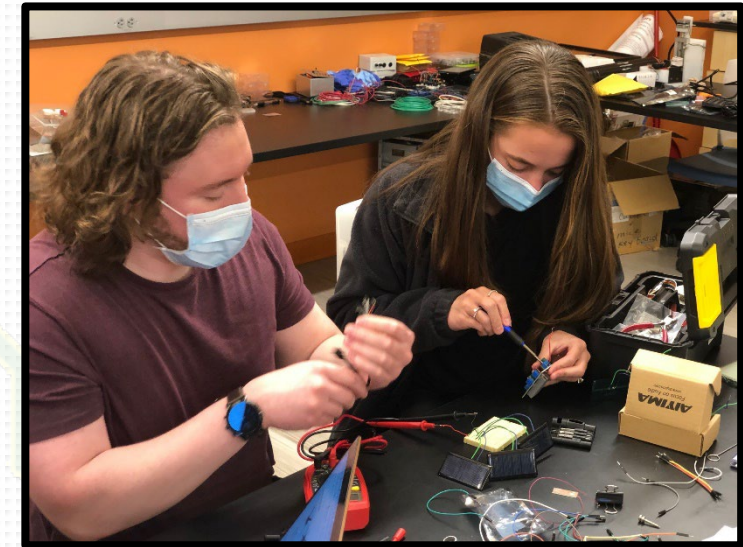
- Worth repeating: Treat everyone with respect and dignity. Everyone has the same right to be here as you do, regardless of their academic or personal background.

- Be an ally: if you see or observe unkind, insensitive, derogatory, biased behavior – even if unintended or non-malicious – do or say something.
  - Learn to recognize implicit bias and consciously work against it.

- Practice equity, inclusion, and justice in everything you do.

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10. Treat everyone with respect and courtesy, just the way you would like to be treated.

9. Stay on top of your classes. It is far easier to do so, than catching up.

8. **Read every e-mail** that comes from me, faculty, or the university carefully and fully.

7. Join a student club. Participate in extracurricular activities.

6. Always come to class prepared, having previewed that day's topic. The time a topic is introduced in a class should never be the first time you hear about it!

5. Read, understand, and follow e-mail etiquette in every e-mail you send. Never send an e-mail without proofreading it first. Be known for your professional courtesy.

4. Take advantage of minors, certificate programs, 4+1 programs, internships, co-ops, etc. Get everything you can get out of your college experience. Go above and beyond the minimum!

3. Seek help when you need it and offer help when others ask for it.

2. Make academic integrity your guiding principle.

1. Follow safety rules and regulations at all times. If you see something that is not safe, inform a faculty or staff member immediately.

http://www.rowan.edu/ece

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ECE Main page

ROBI POLIKAR, PH.D., DEPT. HEAD

✉ **polikar@rowan.edu** ☎ (856) 256-5372

Gina Tang, Ph.D., Undergraduate Coordinator

✉ **tang@rowan.edu** ☎ (856) 256-5339

Gabriel Garcia, First-year Advisor

✉ **garciaga@rowan.edu**

Patricia Dashefsky, Second-year Advisor

✉ **dashefskyp@rowan.edu**

Nancy Stein, Dept. Admin. Assistant

✉ **stein@rowan.edu** ☎ (856) 256-5330