



University of New Haven

TAGLIATELA COLLEGE OF ENGINEERING (TCOE)

FOR FAMILIES

Study Abroad in Engineering

Spring 2025 Cohort: First Year Students will continue to take math, science, and engineering or computing courses and stay on track to graduate.

Explore another country, embed yourself in another culture, and enhance your learning experience.

Next steps: start your application!

[Prato Semester application](#)



Savanna Pantoja, '26
Major: Mechanical Engineering
Study Abroad: Prato, Italy

My favorite memory from my time in Prato is when I climbed to the top of the dome of the Duomo (Cathedral) of Florence. We climbed over 450 steps to see the amazing view of the city.

Everyday during the summer, I used our snack vouchers to get gelato. I was able to try all 15 flavors!

Prato has a rich Italian scientific history such as the inventions of Galileo and Leonardo, and the chance to go to specific museums in Florence to see more about them. I went to the Leonardo De Vinci museum and got to see the sketches from his codices made into real life prototypes. I loved my semester in Prato so much, I went back to be an RA this summer!

College Structure and Overview

Office of the
Dean

Dean Ron
Harichandran

Associate Dean
Stephanie
Gillespie

Assistant to the
Dean: Dionne
Gray-Wilson

Chemistry and
Chemical
Engineering
and
Biomedical
Engineering
Dept (CCBM)

Chair: Dr.
Dequan Xiao

BS Chemistry

BS Chemical and
Biomolecular
Engineering

MS Biomedical
Engineering
(Dual Degree)

Civil and
Environmental
Engineering
Department
(CEE)

Chair: Dr.
Byungik Chang

BS Civil
Engineering

Sustainability
Minor

Environmental
Engineering
Minor

Engineering and
Applied Science
Courses (EASE)

Coordinator:
Professor Eric
Brisart

BS Engineering

EASC courses

Entrepreneurial
Mindset in STEM
Certificate

Electrical and
Computer
Engineering and
Computer
Science Dept
(ECECS)

Chair: Dr. Ali
Golbazi

BS Electrical and
Computer
Engineering

BS Computer
Science

BS Cybersecurity

Mechanical and
Industrial
Engineering
Department
(MIE)

Chair: Dr. Ganesh
Balasubramanian

BS Mechanical
Engineering

Classroom Technology – TCoE Laptop Policy

TCoE classes utilize a variety of technology and software during the class periods. We provide the software, but you will need to have a compatible laptop for the duration of your studies.

All Engineering Students:

Windows PC, Intel i7 processor, 16 GB or more RAM, 1TB or more SSD, Dedicated Graphics Card

Computer Science and Cybersecurity & Networks Students:

You have the option to purchase a Windows or Mac computer (check your email).

Chemistry Students:

No laptop required, but most college courses will benefit from personal ownership of a laptop.

Important to note for all academic programs: Chromebooks and Surface in S-mode tablets cannot run all required software and services and are not recommended.



Initial MATH Placement Matters

Placement was based on prior math courses and grades earned.

If you are not starting in the “expected” math course, you may need to catch-up or you won’t be able to graduate in 4 years.

Not happy with your placement? You can:

- Make sure we have your AP test results or college class transcript
- Study the available course materials online and take your challenge test (TBD).
- Accelerate through MATH 1110 + MATH 1115 in the fall semester with the Math Zone.



Before classes start

- Charge- In and Orientation sessions week before classes start
- Academic advisor may be available during email during summer, but expect delays
- Review your academic worksheet or degree audit for preview of all required courses in your program

Once classes start

- Visit faculty during office hours, or make an appointment
- Academic advising for Spring course registration will happen in October- must book an appointment to be able to register

**Getting
acquainted to
your
academic
program**

UNewHaven Academic Resources

Center for Student Success	Help with general study habits or college success, including college transitions. First year student schedule support.
Accessibility Resource Center (ARC)	Review and support learning accommodations to be successful in courses
Faculty Office Hours, Peer Assistants, Center for Learning Resources (CLR), MathZone	Free Tutoring. Students can get help with course materials from professors, peer tutors, or professional tutors.
Writing Center	Provide writing support for starting a term paper, grammar, or “too wordy” essays
Academic Advisors	Provide academic advice for course selection, career advice, or help navigating our university system.

College Professionalism-Courses

Helping your student understand college course responsibilities

- Attendance is expected, even in “remote” courses
- Cameras may be used for participation, exams, etc.
- Have policy/procedure/format questions? Check the syllabus first!
- They are responsible for your own education: track the assignment deadlines, review grades and feedback, and ask for help early and often

Grades

- It is okay for them ask for clarification on how an assignment was graded.
- Grading concerns should be brought to the professor first, then the chair, then the Associate Dean.
- Note we cannot discuss academic grades or educational records with family members unless FERPA release is signed each academic year.

Your student's four-year college to career plan

First Year:

- Engineering LLC
- Intro courses
- Get involved in student orgs
- Meet your academic advisor
- Create your LinkedIn Profile

Third Year:

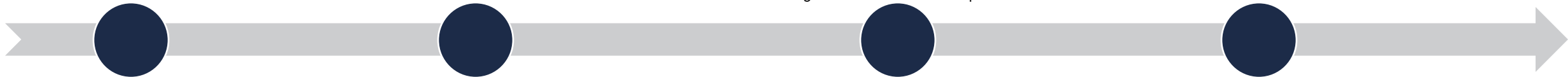
- Begin to choose technical electives
- Continue extracurricular and leadership activities
- Consider undergraduate research
- Continue to build your professional network
- Determine direct to industry or grad school
- Find your internship

Second Year:

- Update your resume from HS to College
- Expand into technical courses
- Take on leadership roles
- Begin meeting companies at events
- Visit Career Development Center for resume workshops and interviewing workshops

Fourth Year

- Capstone design experience
- Job applications or grad school applications
- Continued networking with technical societies and speakers on campus



Learning happens outside of the classroom too

Diversity Organizations

- Society of Women Engineers (SWE)
- Society of Hispanic Professional Engineers (SHPE)
- National Society of Black Engineers (NSBE)
- Women in Cybersecurity (WiCyS)

Professional Organizations

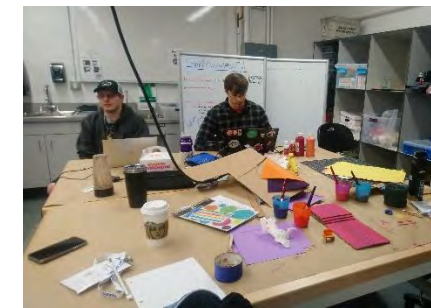
- ACS (Chemistry)
- AIChE (ChemE)
- ASCE (Civil)
- ASME (MechE)
- Engineers Without Borders (EWB)
- IEEE (ElecEng.)
- IISE (Ind. & Syst. Eng)
- Robotics Club
- Hacking Team

Honor Societies

- Eta Kappa Nu
- ECE
- Pi Tau Sigma
- MechE
- Theta Tau
- all Engineering
- Upsilon Pi Epsilon
- CompSci

General Opportunities

- Makerspace
- Engineering Student Ambassadors
- EASC Course Peer Assistants
- Summer Undergraduate Research Fellowship (SURF)



Dual Degrees

Interested in also earning a MS Degree?

To enter the direct-entry dual-degree program and ensure proper advising, you must opt-in before add/drop (first week of school).

If students do not opt-in now, their next window will be junior year

Email Rob Holub (rholub@newhaven.edu) to learn more.



UNewHaven Support Resources

- Hungry or missing meals: **Campus Pantry**
- Need clothing for an interview: **Career Closet**
- Someone to listen- stress, anxiety, mental health, etc.: **Counseling and Psychological Services**
- Death of family member, or illness that needs doctors note for missing class: **Dean of Students Office**
- Don't know where to start: **TCoE Associate Dean**
- Report bias, inappropriate conduct, etc.: **Report It forms or Dean of Students**
- Supplies available for check-out from Dean's Office: Graphing and Non-Graphing Calculators, Padfolios (for interviewing), Arduino Kits, Laptops*

Connect with a Peer Mentor

TCoE First Year Mentoring program

- Incoming students are mentored by sophomores and juniors (transfer mentors available)
- Mentor/mentee pairing is based on interests of both parties
- Texting, meeting in person, or emails – you choose how often you talk and for what reasons. Start building connections **this summer!**

Signup link: bit.ly/NHFYEmentee

Note this program is separate from the mentoring program sponsored by the Myatt Center for Diversity and Inclusion.



3 tips to support your student:

Students resist asking for help.

- Encourage them to visit faculty, the CLR, or peer assistants for help if they begin to struggle academically.

Students don't get involved, missing out on making friends, study groups, and meeting faculty.

- We recommend they join 1-2 student organizations in their first semester, ideally a TCoE student org

Students feel like no one cares because their professors/advisors don't respond to email immediately

- Plan ahead: allow at least 2 business days for email responses
- Schedule meetings directly, stop by their office, or call their office number



Keeping in Touch

Your student will receive a follow email from the Tagliatela College of Engineering with this presentation and signup links for our mentoring program!

Send your questions to:

Dr. Stephanie Gillespie,
Associate Dean, TCoE

sgillespie@newhaven.edu

