

**NO
CLUE?**

No worries.

Wentworth has you covered.



Lots of people are asking
what you want to do with your life.
We've got a better question:

What are you interested in?

If you're not sure what to study, you're in good company. Many students are undecided after high school. College is a chance to learn about and explore the subjects you care about—the things that you think about in your free time, not just because they will be on the test.

We hope this brochure will help you connect the dots between your interests and the college majors focused on those topics. The good news: You can always change your mind (and your major). But when you chart your path according to the things that truly matter to you, you may not need to course correct at all.

TELL US ABOUT YOURSELF

Do you like to code

and explore the far reaches
of the internet?

SEE PAGE 14

Are you motivated

to make tomorrow safer, stronger,
and more sustainable?

SEE PAGE 5

Do you like to tinker,

fiddle, build, and perfect?

SEE PAGE 10

Is the health and happiness

of others the source of
your own joy?

SEE PAGE 9

Are you fascinated

by elegant design that combines
form and function?

SEE PAGE 18



SAVE THE PLANET



Are you motivated to protect the planet we share?

Do you imagine cities and cars that are designed to promote happiness and reduce pollution?

Do you want to create inventions that use green materials and sustainable processes?

There are countless ways to work toward a safer, brighter, and healthier tomorrow.

Maybe you've heard about environmental studies, but have you thought about areas like architecture or civil engineering? Finding new, cleaner ways to build structures, create products, and transport goods will have a positive impact on the environment and transform the way we live our lives.



If these ideas sound intriguing, you might be interested in:

Sustainability or Environmental Engineering:
Restoring and revitalizing landscapes



“I was taught that maintaining your equipment, vehicles, skateboards, etc. was part of being able to enjoy those things. It’s important to consider and appreciate the time and money spent generating new materials.”

A junior studying **construction management**, Parker Ryan '24 recently completed a paper titled “Construction Waste Recycling: The Importance of Recycling Building Materials.”



SMART BUILDINGS

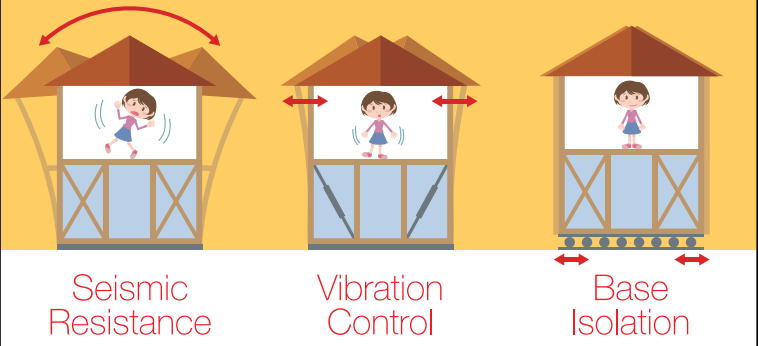


RENEWABLE ENERGY



Electrical or Electromechanical Engineering:
Building electric vehicles or renewable energy sources

EARTHQUAKE RESISTANT



Architecture or Construction Management:
Designing sustainable structures that stand the test of time

Civil or Mechanical Engineering:
Reducing pollution and waste

GREEN PACKAGING*



CLIMATE CHANGE



*Wentworth’s dining halls use sustainable and compostable food packaging—a simple but significant way to reduce our environmental footprint.



HELP AND HEAL



Do you want to help people live longer?

Are you passionate about curing the sick and healing the wounded?

Have you ever wondered how athletes test the boundaries of human endurance?

Breakthroughs in healthcare come from a wide range of disciplines—including some you might not have considered.

Doctors and nurses aren't the only experts helping people to live their best and fullest lives. For example, biomedical engineers design and develop many of the tools of modern medicine—from prosthetics and vaccines to wearable devices that help people track their health and fitness. The places we work and live also play an important role in supporting well-being. Creating the perfect floorplan is about much more than how a room looks: It also impacts how people feel, influences how much they move, and affects how healthy they are.



If these ideas sound intriguing, you might be interested in:



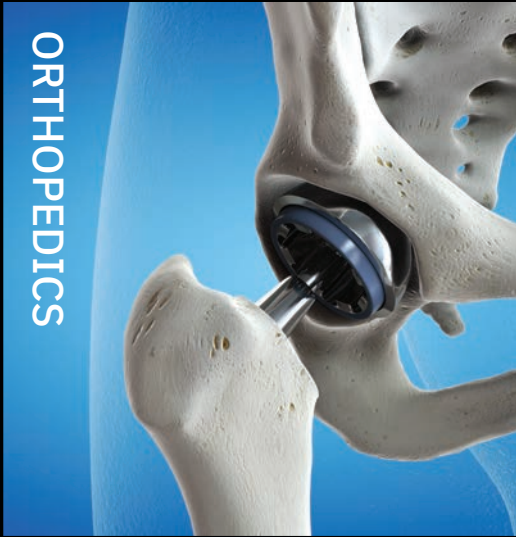

SURGICAL ROBOTS

Biomedical and Biological Engineering:

Developing medicines and medical devices

“When I was around 12 years old, I watched a movie about a dolphin getting a prosthetic tail, and decided right then that it was what I wanted to do. I’m currently interning at an orthopedic implant start up. I hope that after graduation I can continue working in research and development within the orthopedics industry.”

Allison Goudreau '23 is a **biomedical engineering** student who hopes to work at a medical device start-up company after graduation.



ORTHOPEDICS

Data Analytics:

Exploring trends and solutions that create healthier societies



CLEAN WATER



SYNTHETIC BIOLOGY*

Architecture and Industrial/Interior Design:

Creating accessible spaces that support healthy, happy lifestyles



ELECTRIC CARS

Applied Sciences:

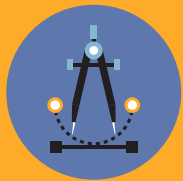
Combining biology, chemistry, and physics to improve lives



VACCINES

*Using the tools of biology to create healthier, heartier, and climate-resilient crops can help ensure we have enough food to go around—now and in the future.

ENGINEER FOR HUMANITY



Have you ever felt the urge to replace your own phone screen?

Or taken something apart just to figure out how it works?

Or debated the practicality of self-driving cars?

Then you already know how to think like an engineer.

Engineers use science and technology to make the world a better place. For example, engineers design roadways and the cars that drive on them. They build systems that clean water and machines that generate clean energy. And they create tools and devices that we rely on for both work and play—from computers to custom skis that bring out your best on the slopes.



If these ideas sound intriguing, you might be interested in:

Civil or Environmental Engineering:

Creating everything from roads to bridges to wind farms

ROLLERCOASTERS*



“Industrial design allows me to exercise my passion for the arts in a field with strong career prospects. There’s so much you can do, from designing toys and clothing to making automotive parts or—as I am currently—custom skis and snowboards.”

Zoe Graham '24 is an **industrial design** major from Bethel, Connecticut, and is currently completing a co-op with Parlor Custom Skis and Snowboards.



INFRASTRUCTURE

Mechanical or Electromechanical Engineering:

Building machines, materials, and devices of all varieties

NANOROBOTS



Biomedical or Biological Engineering:

Designing medicines and health devices

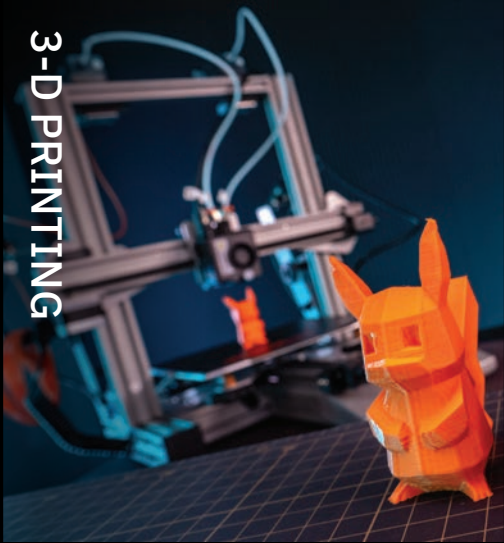
Computer Science or Robotics:

Writing code and making the machines that run it

SELF-DRIVING CARS



3-D PRINTING

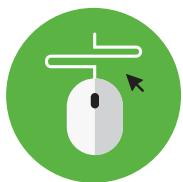


DRONES



*Rollercoaster designers get their start by earning degrees in areas such as mechanical engineering, structural engineering, civil engineering, and architecture.

CONNECT AND PROTECT



Are you fascinated by ChatGPT and the rise of artificial intelligence?

Do you love to make websites or write scripts to simplify your everyday activities?

Is your Minecraft server your happy place?

Digital technology and the internet have created a wave of new areas of study and career opportunities.

Jobs like website and software developers. IT specialists and network engineers. Cybersecurity professionals who keep us safe on the web and use their hacking skills for good. Whether you like to write code or want to build the servers that the code is stored on, there are countless ways to turn an interest in computers into a fulfilling future.



If these ideas sound intriguing, you might be interested in:



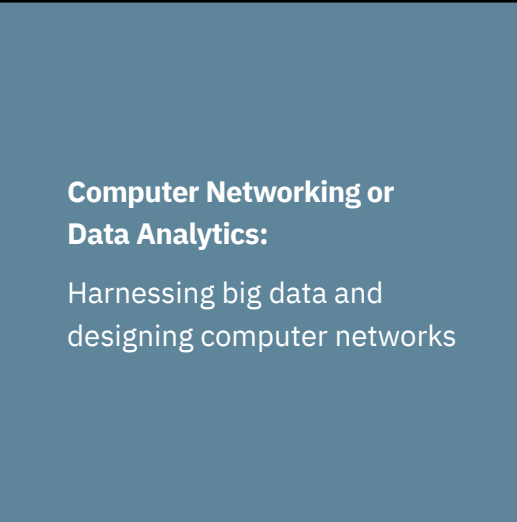
CYBERSECURITY

Cybersecurity or Computer, Science, and Society:

Exploring how computers transform our lives

“One of the coolest projects I worked on at Wentworth was a deep neural network that performs image classification to determine what hand sign a user is showing the camera. This allowed us to play ‘rock-paper-scissors’ with a computer.”

Michael Shepherd '23 chose to study **computer science** at Wentworth so that he could explore his lifelong interest in computers at a school that prioritized hands-on, real-world learning.



Computer Networking or Data Analytics:
Harnessing big data and designing computer networks



AIR TRAFFIC CONTROL



ARTIFICIAL INTELLIGENCE*

Computer Science:

Learning about the theory (and practice) behind computers and code



DALL-E



VIRTUAL REALITY

Information Technology or Computer Information Systems:

Supporting hardware and software solutions for businesses and individuals

*From Google results and Netflix “watch next” recommendations to the order of your TikTok, Instagram, and Twitter feeds, the modern world runs on machine learning.

WITH DESIGN PURPOSE



Does LEGO still hold a special place in your heart (or in your home)?

Do you get lost in the art of Instagram or TikTok?

Is the layout of your bedroom a point of pride?

Does modern architecture stop you in your tracks?

Making the world a better-looking place can also make the world a better place.

For example, by using sustainable design principles to build structures that are durable, dependable, and good for the environment. The same goes for the products you buy and the tools you use every day. How a device is made, shipped, powered, and recycled matters, and getting it all right relies on everything from industrial design to electrical and mechanical engineering.



If these ideas sound intriguing, you might be interested in:

Architecture or Civil Engineering:

Creating a built world that is both sustainable and responsive to people’s needs



“I have always loved building. By studying to be an architect, I get to enjoy what I do each day, growing in ways I never thought I could. Furthermore, at Wentworth, I quickly learned how big an impact architecture can have on the environment, which inspired me to pursue a minor in sustainability through the Colleges of the Fenway.”

Architecture student Chrisoula Moraitis '23, recently completed a co-op at the Boston-based architecture and design firm DiMella Shaffer.



TOY DESIGN



Mechanical Engineering or Industrial Design:

Building products or production lines

INTERIOR DESIGN

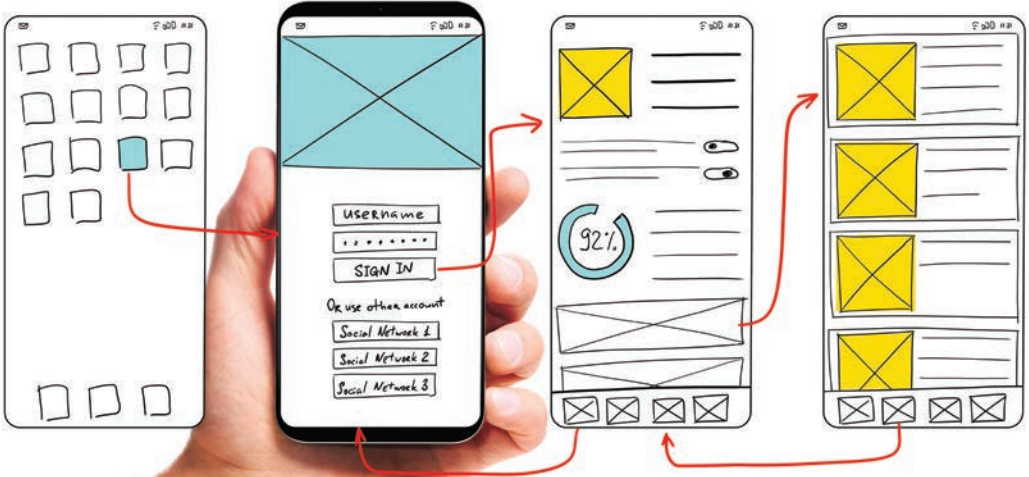


Interior Design:

Making beautiful, functional spaces to live, work, and play

Electrical or Electromechanical Engineering:

Creating devices and the systems that power them



*Wentworth graduate and architect Carla Gautier Castro '16 M.Arch '17 constructs durable, affordable homes using shipping containers in Puerto Rico.

Make it here.

Wentworth Institute of Technology is a college for thinkers and doers, for dreamers and builders. For students who want to make an impact and who want to have fun doing it. If that sounds like you, we hope you'll add Wentworth to your list of desired college destinations!

Learn what you love.

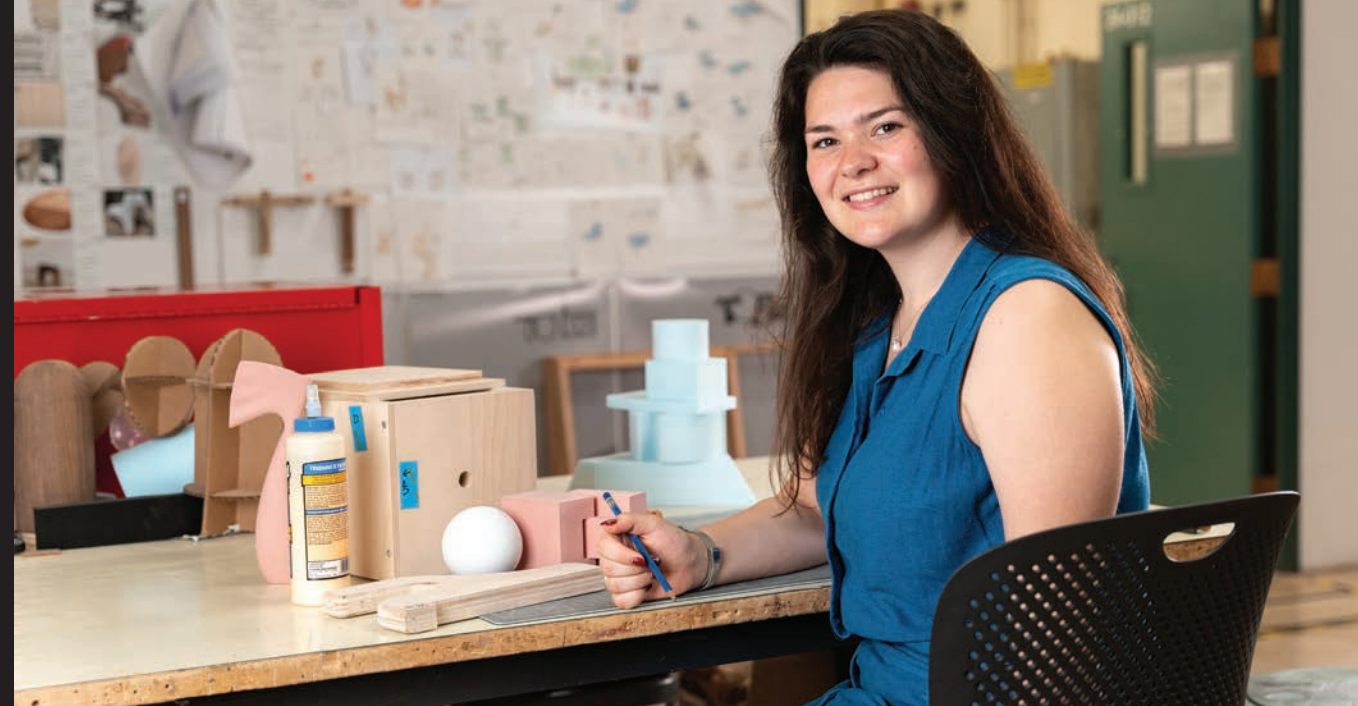
Wentworth guarantees real-world experience through our co-op program. Every student has the chance to work with real companies to learn how their classes relate to the jobs they may get after graduation.

Welcome to Boston.

Boston is one of the best college towns in the United States—and Wentworth is right at its heart. Our students have access to world-class cultural experiences, great food, a thriving community of fellow students, and professional opportunities with leading companies.

Discover Wentworth.

Visit wit.edu to learn more and to schedule a visit.



WANT TO LEARN MORE?



Wentworth

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