

FAQ—The ImpactLab Experience

Will the courses include tests and exams?

No—these non-credit courses will not require quizzes, tests, or homework. ImpactLab is all about exploration. Each course will have some lectures but will emphasize hands-on experiences with extensive project work.

Is this a residential program?

Yes, we wanted you to be able to try a true college experience on for size, so we have arranged for you to stay in Wentworth's air-conditioned residence halls.

Who will I be working with?

You will work closely with your peers in the program, with Wentworth undergraduates, and with full-time and adjunct Wentworth faculty.

Where will the courses take place?

In the state-of-the-art labs and classrooms of our Boston campus. Our neighbors include Boston University, Northeastern University, the Museum of Fine Arts, and Fenway Park.

Is this program open to international students?

Yes! International high school students heading into their equivalent junior or senior year are encouraged to apply to ImpactLab. The application process is the same for all students regardless of citizenship status.

Will I have fun?

ImpactLab will be stimulating, fun, and action-packed. Each course is centered around hands-on projects and field trips. The program also offers a wide array of social activities on and off campus.

What's the cost?

Tuition is \$3,495 for one two-week session and a discounted rate of \$6,495 for two sessions.



ImpactLab: The Fun, Action-Packed Introduction to a Meaningful Future.

Look around—maybe it will take a second and third look—and you will find people who want to make a difference while solving problems. Technological problems. Social problems. Design problems.

If that's you, consider Wentworth Institute of Technology's ImpactLab. It's an exciting two-week residential summer experience that lets you try college on for size. But not just college. At ImpactLab, you can try a career on for size. Do you want to help make the world better with engineering solutions? Design solutions? Scientific solutions?

ImpactLab is a head start on figuring out what you want to do with your life. But it's also a summer program, so there's plenty of fun on the agenda. AND, best of all, it's two weeks living and collaborating with new friends who share your interests. Problem solvers like you.



What makes ImpactLab such a great adventure?

> **Enjoy** two weeks investigating a possible career while you test drive college life.

> **Make** the most of your summer—from video game tournaments to tours of historic Boston, you will have the time of your life while exploring your future.

> **Start** prepping for your college application process and get an inside scoop on the admissions process.

> **Work** closely with peers, faculty, and Wentworth undergrads on exciting hands-on projects.

> **Live** and study in the heart of Boston, getting to know new friends, and enjoying all that this student-focused city has to offer.

> **Add** an impressive experience to your resume and college applications.

Wentworth
INSTITUTE OF TECHNOLOGY

It's easy to apply, and there's no application fee.

Visit wit.edu/impactlab and submit your online application today!



Wentworth's pre-college adventure

in science, engineering, and design.





Here's How it Works

1. When/

Choose between two sessions:

Session #1: July 9–July 21, 2023 / **Session #2:** July 23–August 4, 2023

Our application is open now.

2. Where/

Wentworth Institute of Technology, in the heart of Boston. We're just steps from the world-renowned Museum of Fine Arts, iconic Fenway Park, and a city rich with history and student-oriented activities.

3. Who/

Open to rising high school juniors and seniors from across the country and around the world.

4. What/

Choose from an exciting array of academic experiences as well as college planning sessions, social activities, and field trips around Boston.

5. Why/

Try a high-impact career on for size. Supercharge your resume or your college application. Collaborate with peers on fascinating projects. Make this summer count.

6. How/

Apply now on the ImpactLab website.

Check out the ImpactLab website for in-depth info on what to expect.

wit.edu/impactlab

Learn More!



Choose one of these two-week-long

summer adventures in

science, technology, and design.

The Art & Science of Making

In this creative adventure, you will explore techniques in Computer-Aided Design (CAD), laser cutting, 3D printing, and other tools and practices for designing and making your own inventions.

Be Your Own Shark: Exploring Business and Entrepreneurship

This program will guide you through the entrepreneurial process: from how to come up with ideas and evaluate their feasibility to become a business, to how to raise funds all the way to market launch. Alongside Wentworth faculty, you will create your own business idea and bring it to life at the culminating pitch competition.

Computer Science & Programming Fundamentals

Whether you are a beginner with programming or looking to refresh your knowledge of computer science, this program is geared toward all levels of computer expertise. You will explore python and cover concepts such as programming structures, data types, loops, conditionals, and functions while building a computer project of your choosing alongside Wentworth faculty.

Computer Science & Society

How do we use digital tools to make the world a better place? Digital humanities might hold the key. At the intersection of computing and humanities, this course explores the use of technical tools to study social problems while also exploring the computer science behind the tools.

CSI Wentworth

This is a project-oriented course and will introduce you to analyses of forensic evidence from a biological science perspective. You will also explore criminological research, theories, and criminal court procedures from a social science perspective.

Cutting Edge Construction

Learn about construction methods and materials. Explore the use of cutting-edge technologies in construction such as drones, robotics, and 3D modeling. Visit an active Boston construction site to see the construction process in real-time.

Engineering Exploration

Think you want to be an engineer but aren't sure what area is right for you? Spend a few days exploring civil, mechanical, electrical, and biomedical engineering to find out which engineering field is the best fit.

Game Development & Multimedia Studio

This program provides a guided introduction to the concepts and skills behind game development and multimedia applications using the Unity game engine and C# programming language. You will learn to take a game from concept to creation, learn about the mechanics of game development, AI for games, 2D and 3D art animations, sound, and visual effects, and multimedia programming.

The Hidden Universe of Cybersecurity

Your social media accounts, your cell phone, your computer, your shopping habits—all are under threat from cybercriminals. Explore the techniques hackers use to gain access to personal information and how cybersecurity professionals work to identify and mitigate those risks.

Introduction to Architecture and Design

Architecture, Industrial Design, and Interior Design include the design of products, games, environments, buildings and cities. Through hands-on experience drawing and making, you will build your portfolio and learn how each discipline, and design at every scale, makes the world a better place.

Introduction to Building Sciences

Interested in the intersection of the fields of architecture, engineering, and construction management? In this program you will learn how science and technology affect building performance in order to create an energy-efficient built environment.

Introduction to Robotics Engineering

Find out what makes a robot tick. You'll discover the secrets to building the world's most advanced robots using innovative technologies, and the interplay in the application of electrical engineering, computer programming, and mechanical engineering towards robotics.

Video Game Physics

You probably know how to play video games, but have you ever stopped to think logically about how they work? Perhaps the most important concept is motion, whether it is conveyed in the arc of Mario's jump or by moving the world backward when the gamer has Link run forward. In this program you will learn some basic laws of motion and develop the skills you need to design a basic playable video game!

Women Innovators: Build, Lead and Grow!

Whether you're an inventor, innovator, or entrepreneur, generating ideas and solutions that solve real-world problems can be a game-changer! Come learn more about the process of innovation and entrepreneurship while digging deeper into women's leadership and the unique skills and strengths you already have, which will help you reach your goals.

> Visit wit.edu/impactlab for details on session offerings.