

**POWER THE
DIFFERENCE**

OUR CAMPAIGN FOR ILLINOIS TECH

You Can Advance Innovation for All

A Hands-on Learning Experience for Tomorrow's Engineers



ILLINOIS TECH

Armour College of Engineering



“The best way to think outside the box is to not create the box

in the first place.”

—Marty Cooper (EE '50, M.S. '57), father of the cell phone and Board of Trustee member

Armour College of Engineering is driving world-changing innovation.

In the last few decades alone, inventions like Amazon's Alexa, Wi-Fi connectivity, and the cell phone have forever transformed how we live our lives and connect with each other. Each of those inventions are the result of Illinois Tech alumni who understand that innovation doesn't happen in a vacuum.

As technology continues developing at a rapid pace, we need engineers who understand trends and markets, as well as how to shape and improve lives. We need engineers who prioritize inclusive innovation. That's the kind of engineer who we graduate from Armour College, and we're on the cusp of an exciting new chapter.

The future of engineering will be powered by an entrepreneurial mindset, collaboration, and interdisciplinary thinking—**all key aspects of the Armour College of Engineering experience.**



The Next Renaissance of Engineering Starts Here

To meet the demands of the modern world, our college is more agile, more adaptive, and more collaborative than ever before. Armour College of Engineering solves problems by tapping into the knowledge and resources across our university and by working alongside both industry partners and our community.

As part of our educational experience, we launched the Armour Academy for Experiential Learning and Student Success to give students hands-on opportunities early in their academic career. Working alongside expert engineers from the worlds of business and academia, Armour Academy students receive the access and encouragement that they need to develop core skills and to pursue their specific interests.

This commitment to student success will continue to transform the lives of future engineers and further Illinois Tech as a national leader in economic mobility—elevating students from the bottom 20 percent of income to the top 20 percent in one generation.

Enriching Experiences for Tomorrow's Engineers

“They had a lot of classes every semester that took your theoretical learnings and put them to work in real-world applications. It was invaluable.”

—A recent Armour College of Engineering graduate

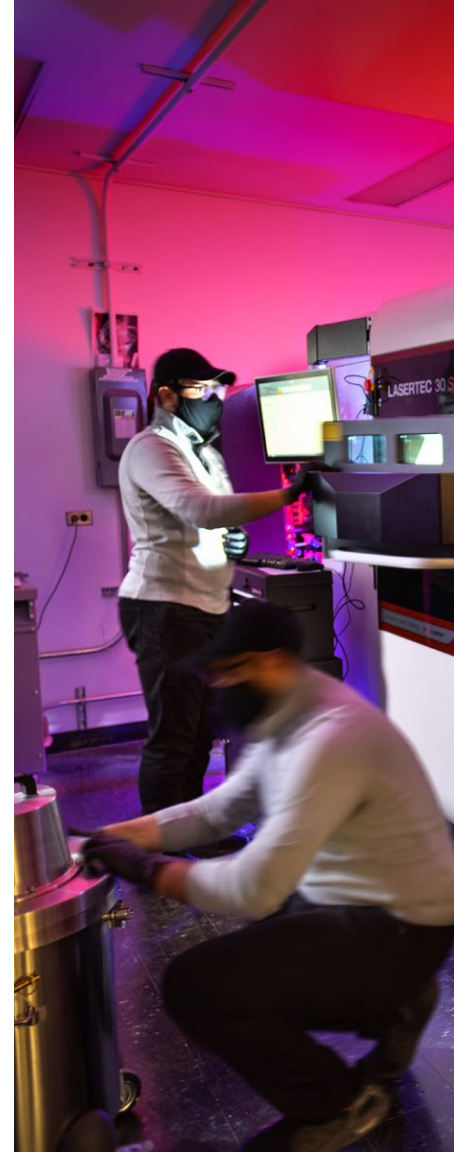
To help our students leverage both the head and the heart, we imbue our courses with hands-on learning experiences that are focused on global issues such as water, health, energy, and security. But their learning isn't confined to the classroom.

Greta Vasiliauskaite (EE 4th Year), a DACA student, gained real-world skills and experience by working with an engineering consulting firm while she is still in school.

Daniel Rappoport (CE '21) built the skills that now help him design rail systems across the United States, connecting passengers and families with his engineering gifts.

And Esteban Lopez (ME '20, M.S. MAE '22) complemented his coursework with a job designing 3D systems and durable products alongside professionals at Boeing. When he finished his degree programs, Boeing hired him for a full-time position.

Engaging the head and the heart, the Armour Engineer merges their passions with the practical skills that are needed to make a lasting impact in their career, community, and the world.



The Difference You Power

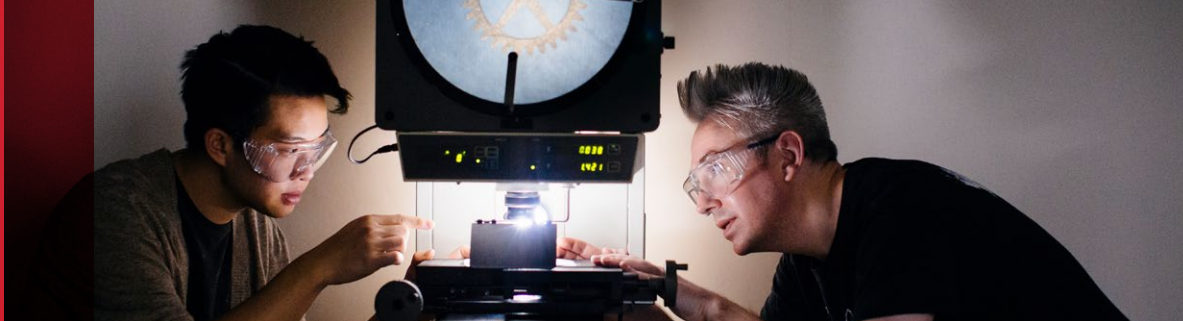
When you contribute to the Power the Difference campaign, you can advance a legacy that begins in Chicago and expands far beyond.



Your investment will power:

- **Forward-thinking initiatives** that put engineers in the driver's seat of their own projects while continuously growing our college. We take a “learn-by-doing approach” through integrated and open-ended projects (Interprofessional Project Program courses) that help students develop the skills that employers covet.
- **Experiences like the Armour Research and Development program**, where students learn how to leverage science and engineering to improve the health of our communities. In recent years, students like Maddy Urig (ME '23) and Demetria Boatwright (ARCE, STE '18) have worked with the R&D program to address, respectively, fatigue-driven bone fractures and renewable energy.
- **Robust infrastructure and equipment, including top-tier labs and facilities.** These growth opportunities are vital to recruiting talented students and hiring world-class faculty, who can impact students' lives for decades.
- **Expansive and hard-earned scholarships** that make higher education a reality for students with big dreams throughout Chicago, Bronzeville, the United States, and beyond.

Turn Passionate Students into Thriving Professionals



After spending some time at NASA, Honeywell, and the health care company Baxter International, aspiring aerospace engineer Seth Graham noticed something: The professionals around him didn't treat him like a student or an intern. They listened when he spoke up and shared ideas, and they were eager to collaborate with him. In other words, he was an integral part of the team. And even though he had yet to graduate college, Seth was helping make decisions that dealt with mechanics, manufacturing, and Mars. He supported the research and development of a touch-based EKG app, and he developed trajectory analysis for retrieval spacecraft that visit other planets.

That's the advantage of the Armour Engineer—and it's an advantage investors like you make possible.

“ When people talk to me, they're talking to a professional. Internships help you ask the right questions and make you more career-oriented.”

—Seth Graham
(MAE, M.Eng. MAE '22)

Invest in Tomorrow's Engineers

Here at Illinois Tech, we believe an education is at its best when it includes rich, real-world experiences. Armour College of Engineering embodies that belief. And like our engineers know, every innovation is driven by humans: talented, hard-working people who are passionate about building something that makes life better for us all.

That can be you.

You can be the engine that powers a practical, transformative education. You can help students gain in-depth, interdisciplinary knowledge and skills through a hands-on, “learn-by-doing” approach.

With your investment in Armour College of Engineering, you can power the difference.



Make a difference now.
iit.edu/engineering