THE BELL PROGRAM

Closing the gap between industry needs and engineering education

The Bell Program is a work–based way for junior and senior engineering students to complete a bachelors degree while learning on–the–job. Students in this program first attend the Bell Academy (in–person or virtually) where they gain a strong professional, technical, and design–based skill set. After the Bell Academy, students spend two years working for companies as engineering co–ops/interns around the world.

Benefits, Expectations, and Outcomes

Providing Value: Bell student engineers are capable of providing tremendous value to employers. They excel in skills such as project management, solving technical and open–ended problems, presentations, design work, utilizing modern tools, and verbal and written communication.
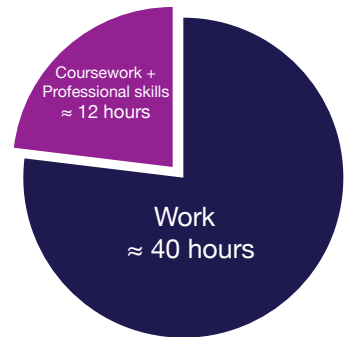
Revolutionary Learning: Bell student engineers learn through innovative strategies and arrive for their first day of work ready to contribute as an engineer.

Access to Technical Networks: The Bell Program employs PhD professors and numerous engineers with industry experience who act as liaisons between the student engineer and employers. The program networks reach beyond industry into research and academia.

Employer Time Obligations: Employers aren't required to provide any additional effort to meet educational requirements. The student's learning coach may reach out to the supervisor a few times per semester for feedback on the student.

Expected Co–op/Intern Outcomes: The curriculum requires that student engineers complete engineering work during the co–op/intern experience.

Weekly Hours Spent by Student Engineers

Coursework + Professional skills ≈ 12 hours

Work ≈ 40 hours

How do students take classes?	What is the duration of a typical co–op/intern relationship?	How much does a student co–op/ intern typically make?
Bell's hybrid courses offer a mixture of remote delivery, faculty–to–student learning conversation, and student–to–student collaborations.	Between 6–12 months (time period is flexible)	Between $18–$25 per hour (some employers offer housing or housing allowance in addition)

Types of Engineers: The Bell Program fosters all types of engineers including mechanical, electrical, computer, software, chemical, civil, aeronautical, biomedical, among others.

Award Winning Curriculum 2017 ABET Innovation Award Winner

ABET | Engineering Accreditation Commission

https://www.abet.org/awards/abet-innovation-award/

MIT Report 2018: "Emerging Leader" in Engineering Education

MIT

https://jwel.mit.edu/assets/document/global-state-art-engineering-education

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