

SUMMER SPRINGBOARD
Look Inward. Go Upward.

Cybersecurity Infosheet

New student admissions for Summer 2027 are open

2-Week Course

This is a two-week program where you'll focus on one course for the entire duration.

Program Highlights

- Discover cybersecurity basics, key terms and envirnoment set up
- Learn Encryption, Hashing, and Encoding Fundamentals
- Understand common security failures
- Group challenge using Open Source Intelligence "OSINT"
- Students will work collaboratively in a live hacking challenge
- Explore career possibilities such as security analyst, ethical hacker, digital forensic investigator, or Chief Information Security Officer (CISO)
- Coding experience helpful, but not required

2027 Dates

MIT Campus

- July 18 - July 30

Academic Program Overview

Cybersecurity is a rapidly growing field that plays a vital role worldwide. It requires bright minds to tackle major global challenges, and corporations are hiring cybersecurity professionals at a fast pace. The Summer Springboard Pre-College Program in Cybersecurity introduces students to foundational concepts, commonly used tools, key technical skills, and potential career pathways. Students will engage in hands-on exercises and fun hacking challenges to test their knowledge, leaving the program with technical skills and creative thinking applicable across university courses and professional industries.

Academics in Action

Explore Cybersecurity through afternoon activities, guest speakers, and educational excursions in the Cambridge and Boston areas. In the past, students have had visits to Harvard's IT Department and Amazon's data centers, where students spoke with staff about how they protect students, faculty, and company systems from cyber threats, among other topics.Through instructor-led activities and independent study, students will connect classroom concepts to real-world practices and explore careers in the field.

Past Instructors (2026)

Bobby Rauch and Brady McNitt

Bobby is a Boston-based offensive security engineer, red teamer at a Fortune 500 company, and security researcher. He has discovered high-severity vulnerabilities in major Fortune 500 firms, including Microsoft, Apple, and Oracle. His work has been featured by the Boston Globe, Brian Krebs, Bleeping Computer, Ars Technica, and other major tech outlets. His technical blog posts have over 200,000 reads, and he has spoken at global offensive security conferences such as Hardwear.io, m0lecon Turin, and BSides London. He designed and recorded an introductory cybersecurity course for LinkedIn Learning and mentors people entering the cybersecurity field. Bobby holds a Computer Science bachelor's degree from MIT and the OSCP and OSWE certifications.

Brady has over 15 years of experience in security and technology, focusing on securing and enabling business at development speed. He has provided guidance and expertise across public and private sectors, including financial services, higher education, and local and state government. He holds a bachelor's degree from Louisiana State University and SANS certifications, including GPEN and GWAPT. He is an active member of OWASP, InfraGard, and the SANS GIAC Advisory Board. In his spare time, he competes in cybersecurity CTFs, most recently the SANS NetWars Tournament of Champions, and attends training, conferences, and meetups such as Black Hat, DEFCON, and BSides. Brady is passionate about mentoring and preparing the next generation for evolving cybersecurity challenges.

Tuition Information:

Apply by November 30 to lock in the lowest prices of the year. Tuition increases on December 1

Residential Students:

- **Includes:** all meals, lodging, excursions, academic course, weekend excursions
- **Excludes**: optional airport pickup and drop off service (available for an additional fee)
- **Price**: $6,798

Commuter Students:

- **Includes:** lunch, academic course, excursions, programming from 9am to 5pm, Monday-Friday
- **Excludes:** lodging, breakfast, dinner, weekend excursions
  - Weekend excursions can be added on for $125 per day
- **Price**: $3,298

Supplements:

- **Application fee**: Starting at $99 (mandatory, non-refundable)
- **Tuition Protection Plan**: Allows for cancellation for any reason up until the day of the program. Click here for more info.

More info on Airport Transfer

More info on Unaccompanied Minor Service

Apply Now!

Course Structure

There are nine 3-hour class sessions over the two-week course. During week one, students have class from 9am-12pm Monday - Friday. During week two, students have class from 9am-12pm Monday through Thursday. Afternoons in both weeks are dedicated to students' preferred College Readiness Workshops (CRW), True You, and Academics in Action, with Academics in Action including academic excursions, guest speakers, and course-related activities, such as an instructor-led project or student-led, independent study.

Typical Schedule

8AM	Breakfast
9AM	Academic Course / Commuter Student Arrival
12PM	Lunch
1:30PM	Academics in Action or Recreational Activity
3:30PM	CRWs, True You, or Academics in Action
5-5:15PM	Commuter Student Departure
6PM	Dinner
7PM	Clubs
10:30PM	Night Checks

Schedule above is a sampler; real schedules may vary based on program and academic track.

Summer Springboard programs are not run by our campus locations. Universities and their affiliated departments are not responsible for the Summer Springboard program in any way. This program is not sponsored by MIT.