Interested in getting involved in information security and digital forensics? Want to learn how to defend against cyber attacks and protect yourself online?

At Norwich University’s week-long GenCyber pre-college program, you will learn, explore, experiment and apply basic concepts of forensics and cryptography, through a series of gaming, modeling, and simulation activities with your peers and faculty mentors.

GenCyber@NU features:

- An intensive introduction to data security and cyber forensics through a combination of lectures, labs and guest speakers
- Hands-on activities that reveal the inner workings of computers, networks, security and forensics in the cyber security ‘war room’
- Real-world experts who will share their insights and experience on this growing industry, career paths, and day-to-day experiences
- Topical competitions and exercises, with awards for top performers!
- An off-campus excursion to Vermont Crime Lab, etc.

GenCyber participants will be provided with the hardware and guidance to build your own computer, which you’ll keep at the end of the program!

Ready to Apply?

Applications are invited from high school students who will be entering their junior or senior year in the fall of 2015. GenCyber@NU is funded by a grant from the National Security Agency and National Science Foundation – and is FREE for attending students. All expenses for the week-long program, including tuition, room and board, round-trip airfare and transportation to and from the Norwich University campus (as applicable), field trips, and other program fees are at no cost to GenCyber participants.

Applicants should submit a letter of interest, letter of recommendation and an unofficial high school transcript via email to gencyber@norwich.edu. Letter of recommendation may be submitted separately as long as the student’s full name is clearly indicated in the subject line and body of the correspondence.

The application deadline is May 1, 2015.

To apply, please visit profschools.norwich.edu/business
Schedule of Events

Sunday June 21:
Registration Day; Students will arrive on campus and be assigned dorm rooms.

Monday June 22:
Students will have orientation in the Cyber Weapons Range War Room. During orientation, students will interact with the virtual environment set up in the War Room, learn to build a PC, and be introduced to the Linux operating system.

Tuesday June 23:
Students will split into two groups based on the student’s interest, Cyber Forensics and Information Security. There will be an introductory class in the student’s chosen “major” that will be taught by Norwich students and professors. Cyber Forensics students will begin a simple exercise in the War Room while the Information Security students will be doing an exercise on penetration testing and security with the computers built the day before.

Wednesday June 24:
Students will be introduced to guest speakers from law enforcement and the security community.

Thursday June 25:
Final Lab prep day.

Friday June 26:
Final Lab competitive exercise. Capture the flag for Security students or Cyber Forensics Treasure Hunt for the Forensics students.

Saturday June 27:
Final Day. Pack, prepare computers for shipping, and return home.