



Cyber Saturdays

Spring 2025 – Saturdays 10:00 AM to 1:00 PM

Newport Campus – Room - NE-257A – Cyber Range

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Cyber Saturday Description: The Cyber Saturday weekly event is scheduled to allow students to learn, network, practice, and compete in cyber-related challenges using the CCRI advanced range systems. The coaches are available to mentor and assist students in specific topics identified in the schedule and non-specific topics for introducing advanced students in an ungraded environment. The Spring Semester focuses on the National Cyber League Ethical Hacking competition to find solutions in a Capture the Flag format. Attendance is voluntary.

Course delivery mode: The format is mainly in-person, but online capabilities can be used to accommodate special circumstances.

Course expectations: Students must follow the rules stated in the Student Handbook and on the NCL Website. (http://www.ccri.edu/advising/student_services/handbook.html).

Learning Outcomes: Depending on their experience level, students will use the Cyber Skyline NCL Gymnasium to learn specific ethical hacking techniques. Introductory students will benefit from networking with the more advanced students and from online and coach-presented topics. They will also compete in three events.

- Practice Team Competition
- Individual Competition
- Team Competition

Required Textbook and Material: No textbooks or materials are required to participate. The students must register to compete with the NCL online and will be assigned a coach to assist in completing objectives and interpreting their scores and assessment data.

Registration is open from January 27 to March 21, and participation costs \$35.

Late registration is March 22 - 25, and the cost increases to \$45.

There is a plan to pay for all students using school resources, so talk to a coach.

Conduct and Cheating: The meetings are modeled to represent a future or potential job environment. Inappropriate behavior may result in a student's removal from the Cyber Saturday Events and NCL Competition. The competition is highly monitored, and cheating will result in the team's disqualification, removal from the competition, and removal of the competition score. Individuals should only collaborate and share their Flags within the team. As a rule, no competition information can be shared across teams or individuals. Sportsmanship and respect shall be adhered to, or students can be removed from the Cyber Saturdays.

Planned schedule:

Week	Meeting and Topic schedule
1 (25 Jan)	Rogers Student Competition NCL Students and Parents (Optional) Getting Started and Introduction
	Jan 27 – March 21: Registration opens
2 (1 Feb)	Open-Source Intelligence
3 (8 Feb)	Cryptography
4 (15 Feb)	Password Cracking
5 (22 Feb)	Forensics
6 (1 Mar)	Log Analysis (part 1)
7 (8 Mar)	Log Analysis (part 2)
8 (15 Mar)	SPRING RECESS School not Accessible
9 (22 Mar)	Network Traffic Analysis
10 (29 Mar)	Scanning & Reconnaissance (Part 1)
	Practice Game March 31 – April 6
11 (05 Apr)	Web Application Exploitation
	Individual Game April 11 – 13
12 (12 Apr)	Wireless Access Exploitation
13 (19 Apr)	Enumeration & Exploitation
14 (26 Apr)	Team Game April 25-27
15 (03 May)	Results and Awards