NATIONAL CYBER LEAGUE

NCL IN THE CLASSROOM
PLANNING GUIDE
NCL in the Classroom Planning Guide
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NCL in the Classroom Planning Guide

Purpose

To provide faculty and coaches a set of practices for planning, implementing, and instructing/facilitating/coaching courses using the NCL competition as a demonstrated skills experience for the students including a career development experience for their resumes.

Planning

1. Review the NCL website pages.
2. Determine course length, schedule and if the NCL competition timeframe aligns with your course schedule. (check on NCL website).
   
   Note: Consider extending course to align with NCL competition.

3. Instructors need to become familiar with the coach’s roles and the NCL rules.

4. Develop a course syllabus and course content based on schedule and resources provided on the NCL website page (see the “Classroom Resources” tab). Example course syllabi viewed and downloaded on the NCL website under resources.

Implementation/Instruction/Facilitation/Coaching

1. Batch registration/payment services for easy registration of multiple participants. (See the attached “Coach’s Registration” flow charts below for further instructions.)

2. Hands on preparation for Security+™ and Certified Ethical Hacker™ certification exams with hosted lab exercises and game play including ENMU-Ruidoso NDG hosted labs.

NOTICE

National Cyber League does not provide labs like NDG Netlabs or InfoSec Labs. Your institution will need to supply labs as part of the classroom content and active learning tools.

3. It’s recommended that students use SLACK to communicate during the team competition because it provides the instructor with logs of their conversation. Additionally, this helps document teamwork, collaboration, and insight into how they were trying to capture flags. This type of tool is critical for online students in diverse location.

4. Conducting weekly status meeting with students and instructor/coach is critical from the beginning of the course and before and after individual and team competition.

5. Having students share their scouting reports and scores is also important in the success of the course and the students.
Coach Registration Directions Flow Chart

Coach, Team and Batch Registration Directions

Start at:
nc.Lyberskyline.com/events/nc/fall/register

Do you have a cyberskyline account?
No → Create an account.

Yes → Log in.

Fill out your demographic information.

Do you want to pay for your students?
No → Click "Confirm Registration"

Yes → Are you paying with a credit or debit card?
No → Click "Confirm Registration"

Yes → Click "I want to pay for my students."

Enter Payment Info.

Distribute Game Codes to students.

Done.

Email info@nationalcyberleague.org for invoice or PO options.

Done.
Student Registration Directions Flow Chart

You may print this out and distribute to your students.