



Las Positas College

CYBERPATRIOTS

CYBER CAMP

SUMMER 2018



REGISTRATION

Cost is \$100 per student per camp, payable through Las Positas College Community Education: <http://lpcazure.laspositascollege.edu/cybersecurity/> Enrollment is limited to

Cyber Camp is a five-day technology event designed to excite students new to cybersecurity about STEM career opportunities and teach them important cyber defense skills through hands-on instruction and activities.

Through the camp, students will learn how to protect their personal devices and information from outside threats, as well as how to harden networks running Windows and Ubuntu operating systems. Daily sessions include instructor demonstrations, team-oriented research, hands-on lab activities, plus peer team building.

Cyber Camp culminates in an exciting final team competition that simulates real cybersecurity situations faced by industry professionals and mimics AFA's Cyber Patriot National Youth Cyber Defense Competition.

NOW OPEN TO LPC COLLEGE STUDENTS

CYBER CAMP INFORMATION

Participants

Open to incoming (2018-2019) 9th-12th graders

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Location

Las Positas College, Livermore, CA
Building 700, Room 714

Levels

Introduction: No Experience Necessary

June 18-22, 2018

9:00 AM-3:00 PM

Advanced: Requires Completion of Intro Camp

June 25-29, 2018

9:00 AM-3:00 PM

Lunches included

CAMP AGENDA

Intro Cyber Camp

Monday - Intro Cyber Patriot, cybersecurity careers, cyber ethics, online safety, how computers work, and cyber threats

Tuesday - Cybersecurity principles, virtual machines, basic Windows 10 security policies, tools, account management

Wednesday - Windows file protections, auditing, monitoring, and intro to Linux

Thursday - Ubuntu 16 terminology and concepts, basic graphical user interface security, basic command line security, and intermediate Ubuntu security

Friday - Mini-Cyber Patriot Competition. Students will compete against their fellow campers on Windows 10, Ubuntu 16 advanced Competition images

Advanced Cyber Camp

Monday - Cyber Ethics, Windows 10

Tuesday - Windows 10, Ubuntu 16

Wednesday - Ubuntu 16

Thursday - Cisco Networking Modules 1-3

Friday - Mini-Cyber Patriot Competition. Students will compete against their fellow campers on Windows 10, Ubuntu 16 advanced Competition images

<https://www.uscyberpatriot.org/>

Questions?? Contact Debbie Fields
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