

Welcome to the Bootcamps!

CCDC/CPTC Informational Meeting

NON-CPP VPN Access

[link](#)



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CCDC/CPTC Informational Meeting

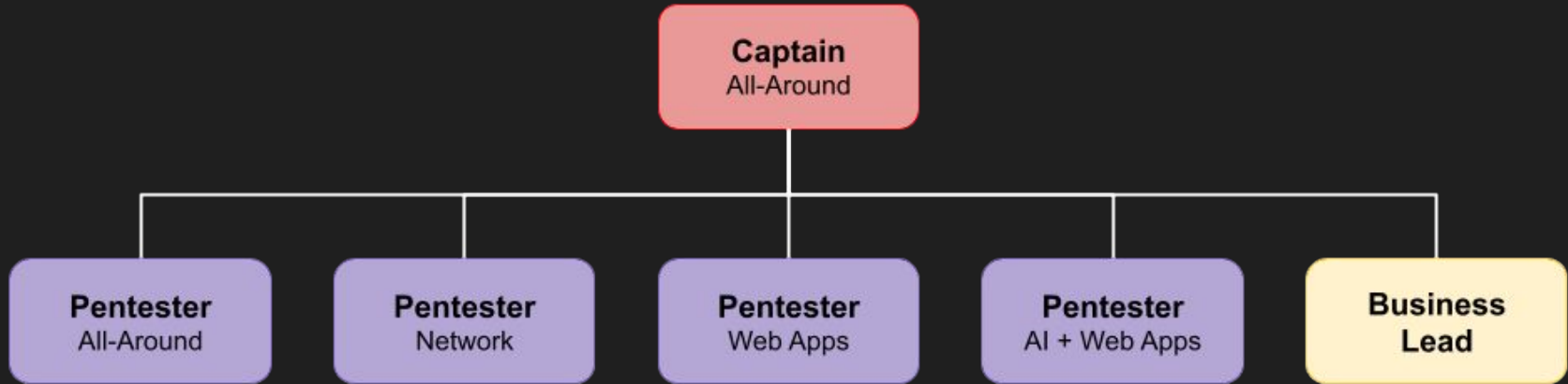


What is CPTC?

- Collegiate Penetration Testing Competition
 - International competition
 - World champions x2
- Focuses on penetration testing, IT infrastructure, social engineering, and scripting/reverse engineering
- **OFFENSE**
- Simulates pentest engagements
- Providing business value
- 6 main roster, 2 alternate
- <https://cp.tc/>



Team Structure



THINGS YOU'LL LEARN

Network Penetration Tooling & Methodology

Active Directory Abuses (ADCS, Kerberos, Credential Harvesting, Relaying)

Windows & Linux exploitation & post-exploitation

Impacket, Ghostpack, Command & Control

Web Application Methodology

Fuzzing, Injections, OWASP stuff

Burpburpburpburpburpburpburpburpburpburpburpburpburpburp (Burp Suite)

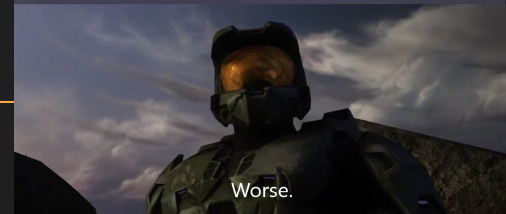
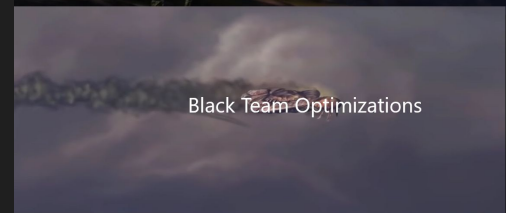
And some more... (report writing, interacting with clients)

What is CCDC?

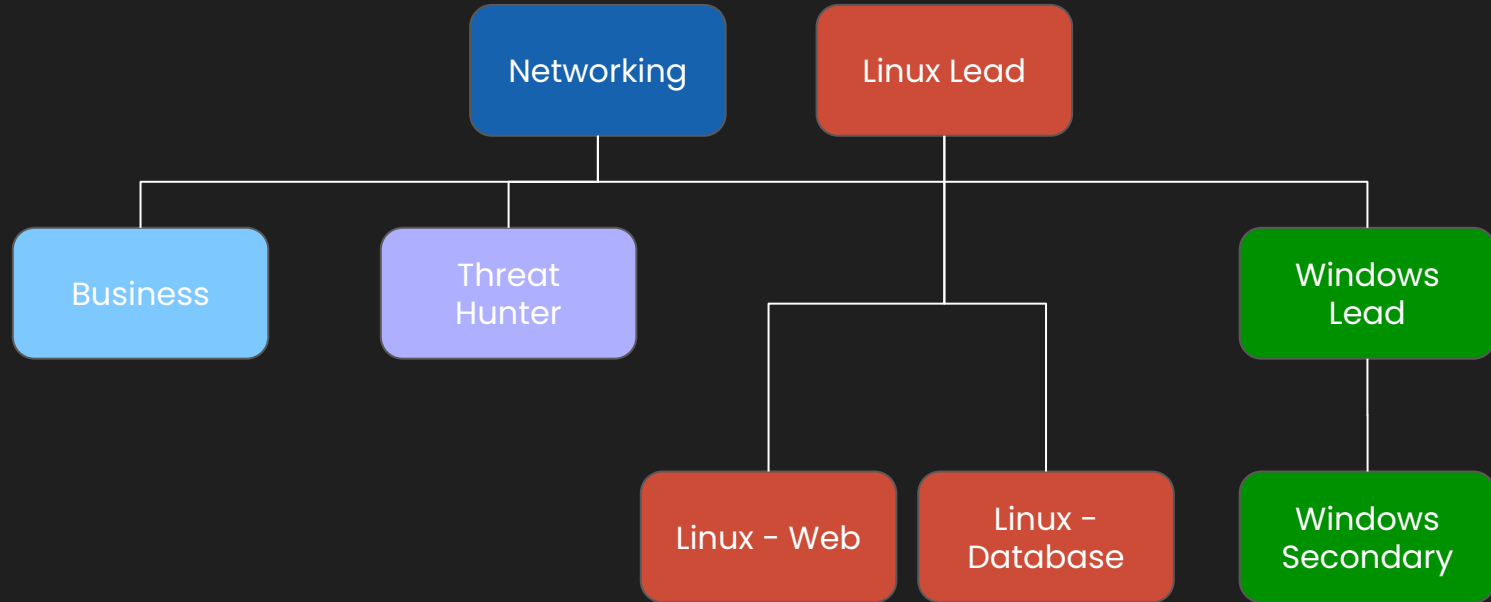
- Collegiate Cyber Defense Competition
 - National competition
 - 2x National Runner-up
- Focuses on system administration, incident response, computer networking, and cloud engineering
- **DEFENSE**
- Simulates IT/incident response teams
- Build, secure, and defend various business infra
- 8 main roster, up to 4 alternate



NATIONAL
COLLEGIATE
CYBER
DEFENSE
COMPETITION



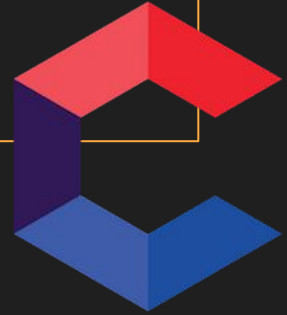
Team Structure



THINGS YOU'LL LEARN

- Services
 - a. Active Directory
 - b. DNS
 - c. HTTP
 - d. SQL
 - e. SSH
 - f. Email
 - g. SMB
 - h. Database
 - i. And more...
- Tools
 - Group Policy
 - Nmap
 - Sysinternals
 - VPN
 - Firewalls
 - Tmux
 - And more...
- Procedures
 - User management
 - Incident Response
 - Patching / Hardening
 - Creating and restoring backups
 - Inventory
 - And more...
- OS's
 - CentOS, Ubuntu, Alpine Linux, Debian, Slack, Rocky
 - Windows Server, Windows Workstation

Meet the Teams!



CCDC



Natalie
Tran



Annabel
Wen



Adam
Cheung



Anthony
Rivera

Special Mentions



Anson Ng



Daniel Lee

CPTC



Anthony
Rivera



Ryan
Miller



Ryan
Wong



Roberto
Castro



Warren
Maxwell

Agenda

1

Objectives

Key goals for the bootcamp

2

Timeline

Content and schedule

3

Tryout Info

Requirements and other details



1

Bootcamp Objectives

Our goals for you

Cyber Bootcamp Objectives



Learn to Learn

Gain confidence in your ability to learn rapidly, and independently



Build Team Skills

Build relationships and showcase interpersonal skills



Prepare for the Future

Set a solid foundation and discover opportunities in cybersecurity



2

Bootcamp Timeline

Time commitments

Weekly Schedule

Date	CPTC (10AM-12PM)	CCDC (1PM-4PM)
July 11th	Cyber Bootcamp Kickoff!	
Jul 18	Intro to Pen Testing	Business Week
Jul 25	Hacking Web Apps	Introduction to Networking
Aug 1	Hacking Linux	Securing Linux
Aug 8	Hacking Windows	Securing Windows
Aug 15	Consulting	Common Services
Aug 22-23	CPTC Tryouts (All day)	
Aug 29-Sep 12		CCDC Fall Bootcamp
Sep 19-20		CCDC Tryouts (1-5 PM)

CPTC/CCDC Team Schedule

- Meet at least once a week (usually Saturdays) for practice
 - The more the better!
- Competition weekends

Month	CCDC	CPTC
November	Invitationals #1*	Regionals
December	Invitationals #2*	None
January	Invitationals #3*	Globals
February	Regional Qualifier	Season over
March	Regional Finals	Season over
April	National Finals	Season over



3

Tryout Details

How to get on the teams

August 22–23

CPTC Tryout Date

September 19 or 20

CCDC Tryout Date

Selection Requirements

CCDC Team

- **Full-time** CPP Student (Attend **Fall 2026** & **Spring 2027**)
 - non-masters :(
- **Good** academic standing (2.0 GPA)
- Stand out during the bootcamp

CPTC Team

- **Full-time** CPP Student (Attend **Fall 2026**)
- **Good** academic standing (2.0 GPA)
- Stand out during the bootcamp

CPTC Rubric

Homework	25%
Attendance	10%
Teamwork	10%
Tryouts	55%

CCDC Rubric (Fall)

Homework	30%
Teamwork	20%
Participation	15%
Tryouts	35%

Bootcamp Tips

- Be involved
- Take notes and research out of class
- Stay organized
- Google things and ask questions
- Work well in a team
- Stay determined/committed

And the most important thing:

- Bring a growth mindset





Q&A

Any questions for the teams?

HW

Homework: <https://jessh.zip/2026bootcamphw-1>

(This week's Homework is the same for both bootcamps)

VPN Access (NON-CPP):

