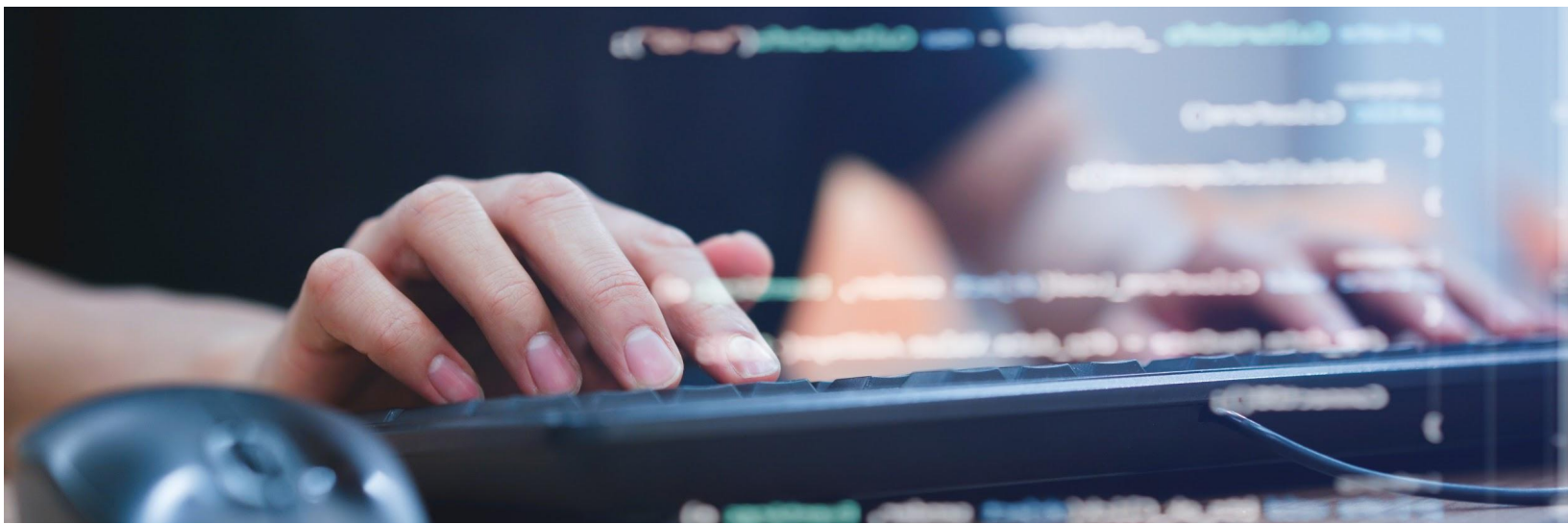# The Cyber Bootcamp at the University of North Florida

June 2021 COHORT

COHORT STAFF

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BOOTCAMP INFORMATION

Schedule and Modalities:

June 7, 2021 to December 11, 2021
Mondays and Wednesdays
- *6:30p to 9:30pm EST (via Zoom)*

Saturdays
- *9am to 1pm EST (via Zoom)*

Holidays (no class on these days):

Juneteenth: June 19th

Independence Day: July 5th

Labor Day: September 6th

Part 1: Course Information

Quizzes:

There will be five short quizzes over the span of Foundations, which cover Foundations out-of-class material. You will receive an invitation link to each quiz and complete the quiz in HackerRank. Quizzes will be open and available for a few days, but must be completed in one sitting. The lowest quiz score will be dropped.

Foundations Grade:

The Foundations grade is based on five quizzes and two assessments (breakdown below). The assessments cover in-class material and must also be completed in one sitting.

An overall Foundations grade of 70% is needed to move on to the next phase of the program.
  ● Quizzes - 60% of Foundations grade (lowest quiz score is dropped)
  ● Linux Assessment - 25% of Foundations grade
  ● Python Assessment - 15% of Foundations grade

Achievements:

After Foundations, there are four achievements. **All achievements must be completed and submitted by the deadlines to be eligible to receive a certificate of completion.** Completion includes demonstrating effort (showing work via explanations and screenshots), even if the student is not able to find the solution. The achievements are intended to highlight areas for improvement, and students may request feedback on topics and additional support from instructional staff.
  ● Security Essentials Achievement
  ● Red Team Achievement
  ● Blue Team Midterm Achievement

- Blue Team Final Achievement

Blue Team:

Blue Team ties together concepts learned across the bootcamp. There will be a mid-term and a final assessment to demonstrate understanding of concepts, and also to prepare students for certification exam conditions.

The last three weeks of Blue Team is spent on your Final Project. During this stage, students will work in groups to apply cyber analyst concepts to a fictional scenario. The Final Project also entails learning how to present technical material. Final Projects will be recorded and shown at graduation, and are also excellent to use during career success coaching to show future employers your expertise.

Accommodations for Students with Disabilities

If you are a student with a disability inquiring about reasonable accommodations during this bootcamp, please contact our Student Affairs Manager, Jessica Wein, at jessica.wein@fullstackacademy.com. **Please also cc your Program Lead. (andrew.whitson@fullstackacademy.com)**

Part 2: Course Policies

Attendance:

This is a bootcamp environment, where a substantial amount of material is covered in each class. Because of this, **students can only miss up to two days within a 30-day period**, and **no more than eight days total for the entire bootcamp**. Three partial absences (being tardy / leaving early) are equivalent to one full absence. Please ensure you are punctual for all classes. *(Note: Please see the "Zoom Details" section for more information regarding attendance requirements in the virtual classroom.)*

It is not recommended to miss class unless absolutely necessary. In the event that you need to miss a day, please let both your instructor and program lead know via Slack or email.

Drop Deadline:

Students may "drop" the bootcamp with a full refund, less the non-refundable registration fee, through the end of the first week (**Monday, June 14, 2021**). As long as a Slack message/email is received through this day, it will be honored. After this date, students may withdraw but **are not eligible for a refund.**

Transfers:

Transfers to the next cohort are permitted through **Monday, June 14, 2021** at no charge. **(**If a student is awarded a tuition discount applied towards tuition in their original cohort, the discount transfers with them.)
- Upon transferring, a student is no longer eligible for a refund.
- A student may only transfer once.
- **After June 14th, transfers are granted on a case by case basis and will be assessed a $1,000 transfer fee. Students will only be considered for a transfer if they have not violated the attendance and academic policies of the course.**
- Transfer fees cannot be paid via credit card.

Classroom Etiquette:

We pride ourselves on creating a supportive learning environment, so our community norms are extremely important. We expect you to be professional and treat each other with respect. Everyone here comes from a variety of different backgrounds, and that diversity makes us stronger. We don't tolerate *-isms* of any kind (racism, sexism, ageism, etc.). Be aware of your own biases and if you make a mistake, own it and apologize.

If anything occurs during your time with us, you can file an incident report via Learndot under "Support", and/or speak with a member of your program staff.

What We Expect From You:

- You're about to embark on an incredibly rigorous journey, so be patient with yourself.
- Make the most out of all class time by ensuring you're here on time and ready each day.
- You're not going to get everything on the first try, but that's okay. Don't be afraid to ask questions when you don't understand something.
- Maintain professionalism by being respectful of others and remaining open-minded to different perspectives.
- You are ultimately responsible for your own learning. Make sure to stay current with material by submitting work on time, completing the pre-work before each class, study material outside of class, and asking questions when you feel stuck or overwhelmed.

Academic Integrity

Students are responsible for the honest completion and representation of their work and for respect of others' academic endeavors. Violations of ethics including, but not limited to, illegal hacking, bypassing cheating restrictions, and other digital attacks on any staff or students is grounds for immediate dismissal. Please reference **Appendix A: Academic Policies** of your Student Enrollment Agreement for further details.

Part 3: Technology

Zoom Details:

For remote classes, we use Zoom. Please create a free account (https://zoom.us/signup) and download Zoom before your first class. For assistance, please reference this Zoom Setup Guide: https://support.zoom.us/hc/en-us/categories/200101697-Getting-Started

We ask all students to turn ON their webcam during class. This creates a friendlier learning environment and ensures students are participating. **Students who do not turn their camera on will be marked absent for that particular class.** (If you *must* leave your video off, please inform your instructional team and program manager ahead of class.) Please also remember to mute your microphone when an instructor is teaching so we can prevent background noise.

The link to access your video classroom is found on LearnDot (learn.fullstackacademy.com). **Click the green button for "Video Classroom"** (available on the first day of class). Remember to login each class using this link - this is also how we keep attendance!
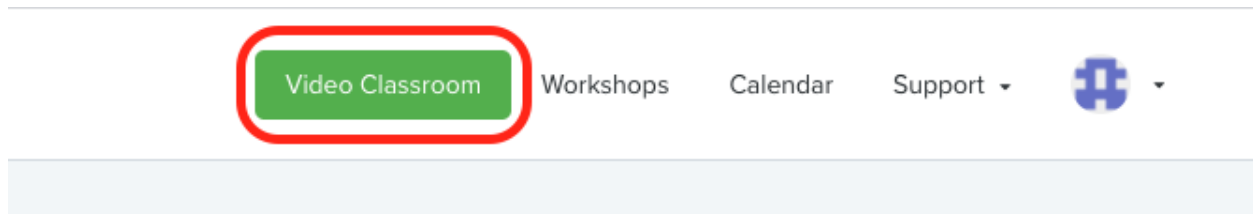
Learndot:

In addition to your Video Classroom button, LearnDot (https://learn.fullstackacademy.com/) is where your workshops are found. This is also where you can schedule Office Hours (https://learn.fullstackacademy.com/officehours) with your instructional associate.

Cyberlab:

Cyberlab (https://cyberlab.fullstackacademy.com/) is where you will complete capture-the-flag exercises throughout the course. Please register via **this link** to get started (note: sign up as a "Student" and provide "Fullstack Cyber Bootcamp" as your school!). Once you have an account, you can **join your cohort** through the following steps:

      1. Navigate and log into cyberlab.fullstackacademy.com

      2. Click your username

      3. Enter the following information and click **Join**:

            Cohort Name: 2106-UNF-RM-CYB-PT

            Cohort Owner Username: veer

Slack:

Slack is our primary source of cohort communication during the bootcamp. Pre-Work information, links to recorded sessions, and cohort announcements will all be posted here. Please have Slack open when in class, and set up notifications so you don't miss anything!

If this is your first time using Slack, I highly recommend checking out this Slack 101 guide for more information: https://slack.com/resources/slack-101

Slack is also a great option for students to receive support outside of class. If you have questions about the curriculum, concepts, or have technical problems, your first instinct should be to post on Slack. Slack is a great place to get help from your fellow students, and we highly encourage all students to help their classmates as much as they can. You can learn a lot from teaching others!

Lastly, Slack is searchable! This means you can check if similar questions have been asked in the past, and see how other cohorts worked through it.

Logging Into Slack:

You should have already received an invitation to join our Slack workspace and cohort channel. Try logging into our workspace at https://slack.com/signin, and let us know if you experience any trouble!

Workspace: codingbootcampatunf.slack.com

Channels*: #2106-cyber-pt, #general, #random

You may also be added to other channels throughout your time with us.

GitHub (Cohort Repo):

We will lightly use GitHub during this course, primarily with our cohort repository. The repository is where recordings, slides, solution code, and other resources will be stored for your cohort. Make sure to create a GitHub account at https://github.com/join and integrate your account with Learndot here: https://learn.fullstackacademy.com/settings/integration.

Part 4: Topic Outline / Course Schedule

Overview:

Here is an overview of your curriculum over the course of the bootcamp.
This schedule is subject to change, and you will receive a more detailed schedule approximately one week before each phase begins.

Your instructor will open workshops as your cohort progresses through the bootcamp.

Curriculum Phase	Topics Covered	Key Items Due
Foundations *Weeks 1-7*	- Computing, Networking - Security Terminology - Python Fundamentals - Linux Fundamentals	5 quizzes (lowest is dropped) Linux Assessment Python Assessment
Security Essentials *Weeks 8-12*	- Scripting for Security - Practical Networking for Security	Security Essentials Achievement
Red Team *Weeks 13-15*	- Pen Testing Methodology - Real-world attacks	Red Team Achievement
Blue Team *Weeks 16-26*	- NIST Cybersecurity Framework - Security Analysis - Scenarios to simulate job experiences - Hiring/Interview Prep	Blue Team Mid-Term Achievement Blue Team Final Achievement Final Project Career Success Programming
Flight *After graduation*	- Job Search - Career Success Programming	Attempt Cybersecurity Analyst /CySA+ Certification *(Optional)* Project Demo Day