

Cybersecurity

Online Bootcamp

12 Sessions, 10hours/week



Part-Time

Class commitment



Career Path Focus

Built into curriculum



Learn by Doing

Practice with real work examples

Join our global family and kick start your career path in tech focusing on Cybersecurity

Program Overview

The importance of cybersecurity today cannot be overstated. As our reliance on technology grows, there's a corresponding need to secure and defend networks and data against leaks, theft, and attacks. That's good news for cybersecurity specialists— the U.S. Bureau of Labor Statistics indicates employment of Information Security Analysts will increase 35% from 2021–2031.*

Industry Certifications.

Study skills applicable to certifications such as Security+, CISM, CISA, CRISC, CISSP etc.

Cyber-Specific Career Services.

Receive personalized career support from a dedicated cybersecurity career services manager, and keep your career service access for life

Learn By Doing.

Gain hands-on experience with a host of real world hands-on assignments.

End to-End, Extensive Curriculum.

Cover industry-relevant real world deployment of cybersecurity management practices, including defensive and offensive tactics, Risk Management Framework, NIST Cybersecurity Framework, and Third Party Risk Management



CERTIFIED
INFORMATION
SYSTEMS AUDITOR



CERTIFIED
INFORMATION
SECURITY
MANAGER



CERTIFIED IN RISK
AND
INFORMATION
SYSTEMS
CONTROL



CERTIFIED DATA
PRIVACY
SOLUTIONS
ENGINEER



CERTIFIED IN THE
GOVERNANCE OF
ENTERPRISE IT

The Curriculum Overview

Pre Course

Before the program, familiarize yourself with Cybersecurity, hardware basics and terminologies in Cybersecurity.

What You'll Focus On

- Getting organized

Sessions One to Three

Introduction of the program. Will get into the basics of Cybersecurity.

What You'll Focus On

- Cybersecurity & Information Security
- Software Development Lifecycle (SDLC)
- Risk Management Process
- System Interconnection
- Cybersecurity Terminologies
- Cyber Threats

Sessions Four to Seven

In this class, we will discuss the Risk Management Framework (RMF Process).

What You'll Focus On

- Risk Management Framework
- Preparation
- Categorization
- Control Implementation
- Control Assessment Authorization
- Continuous Monitoring

Sessions Eight to Twelve

This section will be discussing Third-Party Risk Management (TPRM)

What You'll Focus On

- Federal Risk and Authorization Management Program (FEDRAMP)
- Cybersecurity Maturity Model Certification (CMMC)
- Third Party Risk Management (TPRM)
- The International Organization for Standardization (ISO) 27001
- Health Insurance and Portability Accountability Act
- Payment Card Industry Data Security Standard (PCI DSS)

The Whole Curriculum

Session One

Basic Concept of Cybersecurity & Terminologies

- [] Why Cybersecurity? – Career Options/Certifications
- [] The Pillars of Cybersecurity
- [] CIA Triad
- [] Information Security Terminology
- [] Career & Certification path

Session Two

Governance Risk & Compliance (GRC)

- [] Governance overview
- [] Cyber threats
- [] SDLC
- [] Risk Assessments - Hands On

Session Three

Introduction to Risk Management

- [] Compliance Frameworks
- [] Risk Management Terminologies
- [] Risk Management Process & Interview Prep

Session Four

Risk Management Framework Overview

- [] RMF Overview
- [] RMF Steps
- [] Know your NIST Publications -
- [] CATEGORIZATION- Hands on
- [] ATO Process & Documents

Session Five

RMF Process – Step 1: Categorization

- [] Understanding the NIST 800-60rev2
- [] PIA & PTA – Hands On
- [] How to write an SSP – Hands on
- [] E- Authentication – Hands on

Session Six

RMF Process – Steps 2 & 3: Selection and Implementation

- [] Control Families & Classifications
- [] Selection of Controls – Hands on
- [] Tailoring of controls

- [] Learning How To Read & understand controls

- [] Writing implementation statements

- [] Interview Prep

Session Seven

RMF Process – Step 4: Assessment

- [] Assessment Steps and Methods
- [] How to conduct a kick off meeting
- [] Security Assessment Report – Hands on
- [] Authorization
- [] Filling out Traceability Matrix- Hands on

Session Eight

RMF Process – Continuous Monitoring*

- [] Continuous Monitoring Process
- [] Information System Environment Changes
- [] Ongoing Security Control Assessment – Hands On
- [] Ongoing Remediation Actions
- [] Vulnerability Management Program. – Hands On

Session Nine

FEDRAMP & CMMC

- [] Fedramp overview
- [] Fedramp ATO process – hands on
- [] CMMC & Interview prep
- [] Reviewing Fedramp required documentation

Session Ten

Third-Party Risk Management

- [] TPRM overview
- [] VRA & VTA process
- [] Steps in conducting VRA & VTA – hands on
- [] Documents reviewed

Session Eleven

ISO 27001, HIPAA, PCI & SOC2 Overview

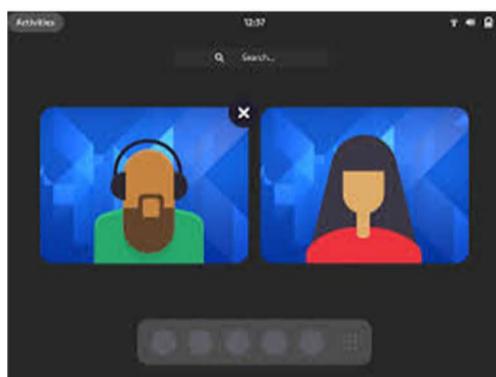
- [] ISO27001 & SOC 2
- [] PCI DSS, HIPAA & NIST CSF

An Example Day's Schedule in a Part-Time Program



24/7 Cohort Access

Your access to our LMS and Teams is available 24/7.



Self Study

Most students dedicate 30 – 35 hours a week to self-study, though you may need more or less depending on your learning style and experience.



Lectures

Live lectures are held three(3) times per week. Lectures days are Monday, Wednesday and Fridays.

Optional Office Hours

Need more assistance understanding a concept? Optional Office Hours are available Upon request.

Career Services

Career Services Support. Our experienced Career Services team provides guidance, strategy, and prep to help you in your job search whether it's post-graduation or later down the road.

1

Professional Profile & Portfolio Building

From day one, gain access to your Career Services Manager who will begin to guide you into creating your digital footprint, learning skills companies seek, and building a profile that communicates those points to recruiters. Milestones include:

- ✓ LinkedIn Profile Creation & Optimization
- ✓ Resume Development & Curation

2

Job Prospecting & Application Guidance

While learning popular programs in tech, you'll be working on your job search for when graduation approaches. Your Career Services Manager will work with you on potential job titles to seek, explain different role descriptions, and help guide you toward your long-term career goals. Milestones include:

- ✓ Real Job Search
- ✓ Sample Applications
- ✓ Hiring Manager Communication
- ✓ Job Title Refinement

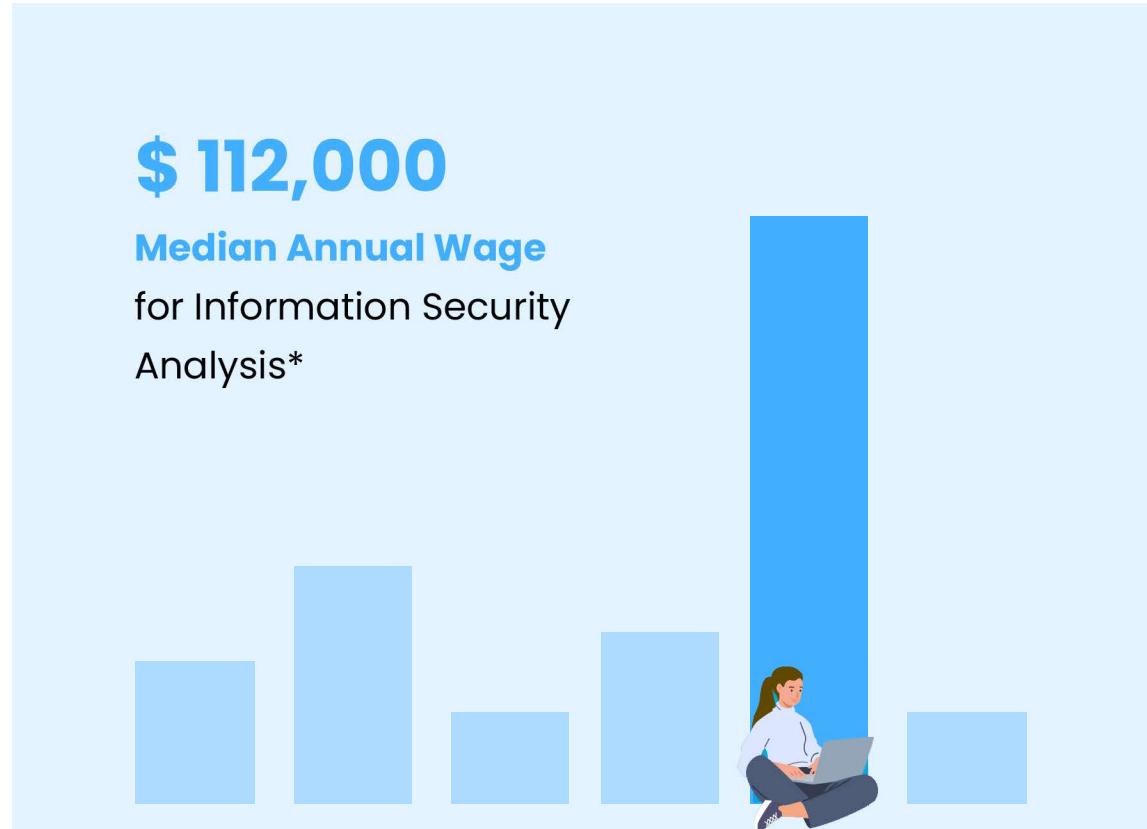
3

Interview Prep & Negotiation

One of the largest complaints by tech recruiters is it's easy to find people who can code, perform data analysis, and set up a Cybersecurity framework, but most of these people can't communicate or work in teams. Whether you're an introvert or a natural leader, our Career Services team will help you to show up as your best self in essential interviews and your day-to-day work. Milestones include:

- ✓ Mock Job Interviews
- ✓ Technical Job Skills Tests
- ✓ Target Compensation Management
- ✓ Contract Negotiation

Industry Trends



SOURCE: *Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, Information Security Analysts, at <https://www.bls.gov/ooh/computer-and-information-technology/information-security-analysts.htm> (visited September 6, 2023). This data represents national figures and is not based on school-specific information. Conditions in your area may vary. Some career paths may require further education or job experience.

How to Enroll



Do Your Research

- Explore our programs on our website and view other program overviews.
- Schedule a call with one of our Admissions Advisors who will talk through your future career goals and what program may best suit you.
- Attend an Open House to meet directly with our Instruction and Career Service Managers.

Submit Application

- Submit your application! The application process takes less than 5 minutes and does not include a technical assessment.
- Complete a quick 30-minute interview with our Admissions team.
- Receive your decision within 2-3 business days.

Explore Financing Options

- Our Admissions Advisors will help you explore our financing options.
- Fourth IT Academy offers a variety of payment options, financing partners, and partial - scholarships for those who qualify.

Finalize Your Enrollment

- Submit your deposit, confirm your financing, and sign your Enrollment Agreement to reserve your seat in class!
- Your Admissions Advisor will introduce you to your Student Experience Manager who will help you get ready to start bootcamp.

Financing Options



Installment Plans

Spread tuition payments out over your program with customizable installment plans.



Third-Party Financing

Finance your bootcamp with a third-party loan from a variety of vendors or source your own.



Pay in Full

Pay your tuition in full and get started

Schedule a call with an Admissions Advisor to discuss which payment or financing option is right for you.

[Chat with Admission](#)