

MERRITT COLLEGE CYBERSECURITY

COLLEGE PROCESS

Year One

All students are in one cohort (Application & Infrastructure Track) to gain an understanding of basic cybersecurity concepts

Both tracks take one of these classes
 CIS 5, 6, 7, or CS 20 (16 weeks)
 Can be taken concurrent with
 CIS 71 – 3 units (first 6 weeks)
 CIS 72 – 3 Units (Second 6 weeks)

FALL YEAR ONE

Both tracks take these classes
 CIS 55 – 3 Units (first 6 weeks)
 CIS 60 – 3 units (Second 6 weeks)

SPRING YEAR ONE

STUDENTS DIVIDE INTO THEIR CHOSEN CONCENTRATIONS

Infrastructure Track
 CIS 53 - 3 Units (First 6 weeks)
 CIS 52 – 3 Units (Second 6 weeks)

FALL YEAR TWO

STUDENTS DIVIDE INTO THEIR CHOSEN CONCENTRATIONS

Application Track
 CIS 56 – 3 Units (First 6 Weeks)
 CIS 59 – 3 Units (Second 6 weeks)

FALL YEAR TWO

Infrastructure Track
 CIS 58 – 3 Units (first 6 weeks)

SPRING YEAR TWO

Application Track
 CIS 57 – 3 Units (first 6 weeks)

SPRING YEAR TWO

Both tracks take this class
 CIS 54 –3 Units (Second 8 weeks)

SPRING YEAR TWO

Both Tracks
 All students take CIS 221
 Code Path and /or COPED
 469 – 3 Units (16 week class)

FACT

COPED 469
 Occupational Work
 Experience in Security
 Administration Required for
 graduation

FACT

Optional class-Both Tracks
 CIS 247 (NCL) 1 unit but you
 can take it 4 times will not
 substitute for COPED

FACT

- CIS 5 Intro to Computer Science-ONLINE
- CIS 6 Intro to Computer Programming-ONLINE
- CS 20 Python Application Programming-ONLINE
- CIS 52 Cloud Security-Friday 9-2:50p P218
- CIS 53 Intrusion Detection In-Depth-Friday 9-2:50p P103
- CIS 54 IT Security Strategic Planning, Policy, and Leadership
- CIS 55 Hacker Techniques, Exploits & Incident Handling- Friday 9-2 P218
- CIS 56 Secure Coding in Java and .NET- Friday 9-2:50p P107
- CIS 57 Web Application PEN Testing
- CIS 58 Hacker Guard
- CIS 59 Applications in Info Security-Friday 9-2:50p P10
- CIS 60 Computer Forensics Fundamentals
- CIS 71 Intro to Info Systems Security- Friday 9-2:50p P111
- CIS 72 Systems & Network Admin- Friday 9-2:50p P111
- CIS 221 Cyber Safety-Friday 9-2:50p P218
- CIS 247 Info Systems Skills Challenge-NCL-ONLINE

[Petition-for-Pre-Requisite-or-Co-Requisite](#)

<https://www.merritt.edu/counseling/>

[FALL 2023 Class Search](#)