

CYBERSECURITY - ADVANCED TECHNICAL CERTIFICATE (ATC)

Explore More About This Program: <https://cwi.edu/program/cybersecurity>

Certificate Plan: Fall Start

The course sequence listed below is strongly recommended in order to complete your program requirements. Many Career and Technical Education (CTE) courses have prerequisites and/or corequisites that have been accounted for within this course sequence plan. Please register for your major requirements each semester as shown below using the Student Planning tool in myCWI. Consult your advisor for any questions regarding this plan.

NOTE: The required general education courses may be completed during any semester the student prefers, including summer semesters.

NOTE: The certificate plan below is for the traditional, in-person option. Students interested in the accelerated option should meet with their advisor for additional information and assistance with course planning.

First Year

Fall	Credit Hours
First 8-Week Course Session	
CSEC 115 Introduction to Networks	4
Second 8-Week Course Session	
CSEC 119 Introduction to Internetworking	4
Full 16-Week Course Session	
CSEC 111 Cybersecurity Essentials	4
GEM 3 - Mathematical Ways of Knowing course	3
Total Semester Credit Hours	15
Spring	
First 5-Week Course Session	
CSEC 127 Server Operating Systems	4
Second 5-Week Course Session	
CSEC 129 Fundamentals of Linux	4
Third 5-Week Course Session	
CSEC 131 Introduction to Information Security	4
Full 16-Week Course Session	
Select one of the following:	3
GEM 1 - Written Communication course	
GEM 2 - Oral Communication course	
Total Semester Credit Hours	15

Second Year

Fall	Credit Hours
First 8-Week Course Session	
CSEC 248 Advanced Cybersecurity	4
Second 8-Week Course Session	
CSEC 252 Introduction to Programming for Cybersecurity	4
Full 16-Week Course Session	

CSEC 246 Securing a Directory Services Infrastructure	4
GEM 6 - Social & Behavioral Ways of Knowing course	3
Total Semester Credit Hours	15
Spring	
First 8-Week Course Session	
CSEC 257 Introduction to Digital Forensics	4
Second 8-Week Course Session	
CSEC 290 Cybersecurity Capstone	4
Full 16-Week Course Session	
CSEC 255 Ethical Hacking and Countermeasures	4
Total Semester Credit Hours	12
Minimum Credit Hours Required	57