

# Washburn University

## Computer Information Science Certificates

### ARTIFICIAL INTELLIGENCE LITERACY AND APPLICATION

**Required Courses: 9 hours**

AI108 AI Fundamentals: Machines, Minds, and Society (3)  
AI208 AI Methods: From Concepts to Applications (3)  
PH329 AI Ethics (3)

### CYBERSECURITY

**Choose one technical foundation course from the following: 3-4 hours**

CM105 Introduction to Computer Science (3)  
CM111 Intro to Structured Programming (4)  
CM290 Introduction to Python Programming (3)  
CM203 / CJ290 Digital Forensics I (3)

**Take both of the following courses: 6 hours**

CM261 Networked Systems (3)  
CM361 Cybersecurity (3)

**Choose one law & policy course from the following: 3hours**

CJ351 Legal Issues in Cybersecurity (3)  
CJ382 Security Technologies (3)  
CJ425 White Collar Crime (3)  
TA340 Technology Policy (3)

**Choose one cybersecurity specialization course from the following: 3 hours**

CM 303 / CJ 390 Digital Forensics II (3)  
CM 341 Ethical Hacking (3)  
CM342 Information Security Governance (3)  
CM370 Information Technology Project Management (3)  
TA410 Technology Planning (3)

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