

Cybersecurity (CYBR)

CYBR 155 Foundations of Information Security 3 Credits (3,0)

Survey of information security and assurance. Definitions, ethical and legal issues, risk management, and the role of the U.S. Department of Homeland Security in securing information infrastructure.

Course Offered at: Daytona Beach, Worldwide

CYBR 199 Special Topics in Cybersecurity 1-6 Credit (1-6,0)

Individual, independent, or directed studies of selected topics in cybersecurity.

Course Offered at: Daytona Beach, Prescott

CYBR 235 Computer and Network Technologies 3 Credits (3,0)

Computer and network technologies. Understanding computer operation, user interaction, data storage, communication networks, the Internet, and TCP/IP protocols.

Course Offered at: Daytona Beach, Worldwide, Asia

CYBR 299 Special Topics in Cybersecurity 1-6 Credit (1-6,0)

Individual, independent, or directed studies of selected topics in cybersecurity.

Course Offered at: Daytona Beach, Prescott, Worldwide

CYBR 335 Information Security Tools and Techniques 3 Credits (3,0)

Information security concepts; methodologies used to exploit computer-enabled devices, data, and networks; policy that governs choices organizations make to defend their information integrity. Provide insights into information security policies and the best mix of hardware, software, and people.

Prerequisites: CYBR 235

Course Offered at: Daytona Beach, Worldwide, Asia

CYBR 365 Introduction to Digital Forensics 3 Credits (3,0)

Digital forensics for gathering and interpreting evidence for courts, intelligence, and incident response. Legal aspects, file systems, operating systems, and forensic tools. Includes demonstrations and hands-on exercises.

Prerequisites: CYBR 235

Course Offered at: Daytona Beach, Worldwide, Asia

CYBR 399 Special Topics in Cybersecurity 1-6 Credit (1-6,0)

Individual, independent, or directed studies of selected topics in cybersecurity.

Course Offered at: Daytona Beach, Prescott, Worldwide

CYBR 465 Cybercrime and Cyberlaw 3 Credits (3,0)

Forms of cybercrime, including identify theft, fraud, intellectual property theft, and internet scams. Laws and policies governing cyberspace, defining criminal activity and providing direction for law enforcement investigations; U.S. legal precedents that influence search and seizure of digital devices and information; international legislation pertinent to computer-related crime and privacy issues as well as regulations concerning social media and national security; exploring rapidly developing laws and policies associated with emerging technologies.

Daytona Beach Prerequisites: CYBR 235

Prescott Prerequisites: CYBR 235

Worldwide Prerequisites: CYBR 235 and CYBR 365

Course Offered at: Daytona Beach, Worldwide, Asia

CYBR 480 Disruptive Technology 3 Credits (3,0)

Providing future decision makers with the tools and models to determine if a technology is disruptive, while identifying the processes that bring disruption to life. Case studies on disruptive technologies unpack the complex relationship between technological progress and the operational environment.

Prerequisites: CYBR 235

Course Offered at: Daytona Beach

CYBR 485 War, Terrorism and Diplomacy in Cyberspace 3 Credits (3,0)

Cyberdiplomacy; cyberwar; cyberterrorism. Definitions, examples, and uses in illegal, violent actions for ideological, economic, or political objectives. Impact of cyberspace on modern warfare, terrorism, and diplomacy.

Daytona Beach Prerequisites: CYBR 235

Worldwide Prerequisites: CYBR 465

Course Offered at: Daytona Beach, Worldwide, Asia

CYBR 499 Special Topics in Cybersecurity 1-6 Credit (1-6,0)

Individual, independent, or directed studies of selected topics in cybersecurity.

Course Offered at: Daytona Beach, Prescott, Worldwide