

Networks, Security Networks, and Cybersecurity

AN EDGEWOOD COLLEGE COMPUTER & INFORMATION SCIENCES SERIES
OPEN TO ALL | 90% ONLINE | JANUARY–FEBRUARY, 2019

These three unique workshops provide a jump-start into the field of networks, network security and cybersecurity. Designed to be practical, they blend theory with hands-on activities, to allow participants to experience, first hand, what it means to be engaged in the rapidly expanding field of computing.

Introduction to Networks

Kathleen Kelm

January 7–February 25, 2019

For: Those already working with computers who wish to expand their knowledge in the area of networks and network configuration. Particularly suitable for IT professionals, holding roles such as IT Help Desk, or IT Desktop Support

This course provides a basic introduction to networks, with a focus on the core features and functions of the Internet, currently available networking technologies used in the workplace and the use of networks and implications on the ethical use of information. While the content is not vendor specific, the topics align with aspects of the CCNA criteria for certification.

Familiarity with and use of a computer is a prerequisite. Use of a personal laptop is required.

REGISTER

Face-to-face session:

Monday, February 25, 2019, 6-9 pm
Edgewood College Deming Way Campus

Introduction to Network Security

Hector Laguna

January 8–February 26, 2019

For: Those already working with networks and having some experience in configuring security at personal computers, working with routers, or assigning and managing the deployment of computers within an organization. It is particularly suitable for IT professionals holding roles such as Network Engineer or Network Administrator who want to expand upon their knowledge of configuring security, and designing and applying security standards.

This course provides a basic introduction to network security, with a focus on network security fundamentals, network protocols and operating systems integration, encryption standards, and development and implementation of security plans for information systems. While the content is not vendor specific, the topics align with aspects of the CISSP criteria for certification.

Participants must have at least 1 years' experience actively working with networking environments. Use of a personal laptop is required.

REGISTER

Face-to-face session:

Tuesday, February 26, 2019, 6-9 pm
Edgewood College Deming Way Campus

Introduction to Cybersecurity

Hector Laguna

January 9–February 27, 2019

For: Those already working with networks and having experience in configuring security policies, working with routers or deploying enterprise networks within an organization. Particularly suitable for IT professionals who have experience with security management and wish to strengthen their cybersecurity practice, such as individuals holding the roles of IT Director/Manager, Security Analyst and/or Security Auditor.

This course provides an introduction to cybersecurity within all cyber-physical systems. Topics include cryptography, policies and procedures, legal considerations & regulatory compliance, network communication and cybersecurity management. While the content is not vendor specific, many of the topics align with the essential components of the CISSP certification.

Participants must have at least 1 years' experience actively working within security elements of a networking environment. Use of a personal laptop is required.

REGISTER

Face-to-face session:

Wednesday, February 27, 2019, 6-9 pm
Edgewood College Deming Way Campus

- Registration cost: \$595 for each course
- Three graduate credits are available for each course at \$185/credit.
- The choice for credits or no credits is made by which course section is selected.
- Format: predominantly online with weekly group and individual coursework, and one face-to-face session.
- Total contact hours for each course: 20
- Content questions? Contact the instructor: kkelm@edgewood.edu or hvelasco@edgewood.edu

Register at Quick Enroll: <http://pd.edgewood.edu>



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