(SU) NETWORK ADMINISTRATOR CERTIFICATE
18 credits

This program answers a need in the local region from educational and financial institutions as well as small business for people with the basic skills to effectively manage microcomputer networks. SUNY Ulster is designated as a Regional Academy for Cisco Systems training and a member of the Microsoft IT Academy program, and students have a choice in which training they wish to pursue.

OPEN-SOURCE NET INFRASTRUCTURE
Students learn how to set up and manage a network infrastructure with FreeBSD. This class also includes coverage of installation, networking, add-on software, security, network services, system performance, kernel tweaking, file systems, SAMBA, Apache, upgrading, monitoring, crash debugging, BSD in the office, and emulating other Operating Systems. Students will learn how to configure a FreeBSD-based server as a firewall, a DHCP server, a DNS server, a file server, and a web server. Prerequisite: CIS116 or prior UNIX or Linux experience or by advisement.

NET216-51	F	1/22-5/16	6-8:45pm	SRC	$603

(UB) SECURITY+ FAST TRACK
This course will provide students with the knowledge and skills required to identify risk, participate in risk mitigation activities, and provide security for applications, infrastructure, operations and information. Students will learn how to maintain confidentiality, integrity and availability by applying appropriate security controls. They will also identify technologies and products that are appropriate, while considering the policies, regulations and laws that are applicable. This course investigates network security, compliance and operational security, threats and vulnerabilities, application data and host security, access control and identity management, and cryptography. **Instructor: K. Landers**

IT224-0206CT	T	2/6-3/22	5:30-9pm	CT	$637

(SU) NEW! CONTROL SYSTEMS, NETWORKING & PROGRAMMING
Setting up and testing lighting control systems for live event production used to be pretty simple, and it's increasingly becoming more digital and networked. This 3-day class covers how to set up, test, and troubleshoot DMX, Ethernet, and Art-Net systems, use RDM to quickly and remotely configure and monitor your equipment, as well as program and run the lighting from a console or computer running lighting control software with an emphasis in hands-on activities and learning. The programming portion focuses on workflow and less on syntax, although some basic console-specific syntax will be covered in order to complete the exercises. Hogs and grandMA are usually available for this class although any PC version of a lighting console can be used.

This course covers topics that are listed as being in the content outline for the ETCP Entertainment Electrician Certification Exam and the ETCP Portable Power Distribution Certification Exam. If you are already ETCP certified, it counts as 21 recertification credits for Entertainment Electricians, Portable Power Distribution Technicians, Arena Riggers, and Theatre Riggers. Students should bring a PC to class.

DCB 2193-01	M-W	6/25-27	9am-5pm	KCSU	$349

(SU) INTRO TO PROJECT MANAGEMENT WORKSHOP
Place holder text till instructor sends actual text. The first step in turning an idea into reality is to understand product management. Saying, "All I need is a team" is a bit like saying, "I want to construct a building from the ground up and all I need is a construction crew." There is a huge amount of work between the idea stage and the delivering stage, and this course will help you understand what needs to be accomplished.

DCB 2188-01	T	4/10	9:30am-4pm	KSU	$149

PROJECT MANAGEMENT
An introduction to the concepts of Project Management with an overview of techniques applied and tools available. Students will be exposed to typical approaches employed with Project Management of small as well as large projects. Reviews of both successful and unsuccessful project initiatives will provide insights into strategy alternatives and explore best practices with respect to these alternatives. The course will explore the application of this theory to project scenarios through the use of various software tools. Topics will include project planning, team building, project deliverables, risk assessment, conducting successful meetings, managing conflict, software tools, and certification.

DCB 2189-01	T	1/9-2/13	1-5pm	KSU	$399

M - MONDAY • T - TUESDAY • W - WEDNESDAY • R - THURSDAY • F - FRIDAY • S - SATURDAY • U - SUNDAY

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