

# CITY - NETWORK SECURITY - CERTIFICATE OF PERFORMANCE

## PROPOSAL INFORMATION

**Action Proposed:**New Program

**Proposal Originator:**Rose LaMuraglia

**Origination**

**Date:**04/11/2016

**Proposed Start:**Fall 2017

### **Need for Proposal:**

Create a certificate of performance in Network Security to prepare students for local entry-level job opportunities and further study in the field.

## PROGRAM & AWARD INFORMATION

### **Award Description:**

### **Program Description:**

This certificate provides students with a cybersecurity foundation through courses focusing on industry standard certifications in Information Security. The courses offered to obtain this certificate provide students the entry-level skills to set-up a secure computer network and network security knowledge including Windows security, Firewalls, Intrusion Detection Systems and Intrusion Prevention Systems, Security policies and procedures, e-mail security and wireless security principles and best implementation practices.

### **Program Goals:**

The goal of this certificate is to prepare students for entry-level positions in Information Security and for further study in the area of Information Technology.

### **Program Emphasis:**

### **Career Options:**

Some careers in the Information Technology field require education beyond the associate degree in either Business, Computer Information Systems, Information Technology, Electronics, Cybersecurity, or Computer and Information Sciences. Careers in the Information Technology field include computer consultant, help desk technician, instructional lab technician, sales specialist in computer hardware and software, support technician, computer assembler, systems integrator, network administrator, network specialist, systems engineer, systems administrator, database professionals, and web designers. Most careers in the field of Information Decision Systems require education beyond the associate degree. Careers include network specialist, network technician, computer support technician, information security technician.

### COURSES REQUIRED FOR THE MAJOR:

### UNITS

INWT 135	Certified Secure Computer User (CSCU) *Active*	3
INWT 200	Certified Ethical Hacking (CEH) Certification Training *Active*	4

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Total Units 7

## DATES & CODES

**CIC Approval:** 12/08/2016

**Board Approval:** 03/16/2017

**State Approval:**

**TOP Code:** 0708.00

**State Approval (Unique) Code:**

Subject Area: Information, Network, and Web Technologies

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# Sciences