

## Benefits of Enrollment

In consequence of the recent NSA designation of CSU-Pueblo as a Center of Academic Excellence (NSA-CAE) in Cyber-Defense Education, the CSU-Pueblo Extended Studies Division in cooperation with the Hasan School of Business is offering a professional “Certificate in Cyber Security Defense”.

This intensive one-week training seminar (32 CPUs or PDUs) will feature experts from the fields of Cyber Security and Homeland Security in an effort to incorporate both the technical and broader national issues related to these topics.

This program seminar is geared towards professionals and military personnel who currently work in the related fields of IT ops, information security ops and information assurance who are interested in pursuing a professional certificate from a NSA-CAE designated University.

The Certificate in Cyber Defense Security is designed and offered in collaboration with the faculty of the Hasan School of Business with coverage of all Knowledge Units (KUs) that were required for NSA-CAE designation.

## Southern Colorado's Best Value in Cyber Security Defense Education



### Who Should Attend?

Corporate, Public Sector, Military in the following areas:

- IT Personnel, IT Support
- IT Directors, IT Managers
- Cyber Security Professionals
- System & Network Admins
- Ethical Hackers
- Vulnerability Assessors
- Incident Response Handlers
- Forensic Analysts
- Security auditors
- Personnel needing CPUs or PDUs

### LOCATION

**CSU-Pueblo Division of Extended Studies**

**CSU-Pueblo Tower**

**2864 South Circle Drive Suite 200**

**Colorado Springs, CO 80906**

**719-442-2264**



## Certificate in Cyber Security Defense

**November 7-11, 2016**

**Colorado Springs,  
Colorado**



**CSU-Pueblo is a  
NSA-CAE  
designated institution**



## Optional Activities

### **Seven Falls**



Visit this magnificent series of waterfalls situated in a 1,250-foot-wall box canyon between the towering Pillars of Hercules.

### **Dinner at the Broadmoor**

Social networking opportunities after class at the most talked about restaurant in Colorado Springs!



### **Lodging at The Double Tree Hotel**



## Registration Information

To register for the Cyber Security Defense certificate course, please visit our web registration site at:

[extendedstudies.csupueblo.edu/NonCredit/Pages/default.aspx](http://extendedstudies.csupueblo.edu/NonCredit/Pages/default.aspx)



The Cyber Security Defense certificate will be held in Colorado Springs, Colorado during the week of November 7-11. This is an excellent opportunity for you to generate 32 CPUs or PDUs and update your cyber-defense knowledge skills as well as to connect with cyber-defense colleagues.

The Cyber Security Defense certificate is designed and offered in collaboration with the Faculty of the Malik and Seeme Hasan School of Business.

Conference activities will require use of a personal computing device that has USB capabilities.



## Knowledge Units Covered

Cyber Security and Network Threats  
Cyber and Network Defense  
IT System Components  
Networking Protocols for Security  
Information Assurance (IA)  
IA Architecture for Cyber Defense  
Security Network Design  
Probability Statistics Security  
Cyber Security Risk Analysis  
Disaster Recovery Planning  
Scripting and Programming in Cyber Security  
IA Legal, Ethical Compliance  
Operating System Concepts  
System NW Admin for Security  
Security in Database Design  
Tools for Computer Forensics  
Intro to Cryptography

