

The Center for Infrastructure Assurance and Security

Essentials of Community Cyber Security

AWR-136

About Us

The CIAS was formally launched in 2001 through a cooperative effort of representatives from industry, government, and academia. We are designed to leverage the Infrastructure Assurance and Security (IAS) strengths resident in San Antonio, Texas as part of the solution to the nation's Homeland Security.

With a grant from the Department of Homeland Security's Office of Training and Exercise Integration Secretariat/Training Operations (TEI/TO), formally the Grants and Training (G&T) Training and Education Division (TED), the CIAS has developed a robust set of Security Training courses designed to address cyber security issues from the beginner to the IA professional. Our focus is on assisting states and communities to prevent, detect, respond to and recover from cyber security incidents.

For more information about the CIAS, please visit our Web site: <http://cias.utsa.edu>.

Contact

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Overview

This ½-day lecture training course places the issues of cyber security in a community context and demonstrates how cyber attacks by terrorist organizations can impact, prevent, and/or stop business operations and emergency responses. The lecture covers cyber threats, vulnerabilities and countermeasures, explains how computer systems and networks are vulnerable, and how this vulnerability affects the organization. Students attending this course receive a Certificate of Completion.

Audience

Middle to upper level managers and decision makers who need to hit the ground running and fill gaps in their understanding or are new to information security should attend.

Prerequisites

No prerequisites.

Course Materials

Lecture and reference materials are provided.

Course Contents

- Threats and Vulnerabilities
- Impacts of Cyber Attacks
- Security Incidents and Trends
- Common Cyber Attack Techniques
- Introduction to Cyber Security
- CCSMM and Security Exercises
- Other Applicable Topics