COMPUTER FORENSICS AND INFORMATION SECURITY - UNDERGRADUATE CERTIFICATE

College of Applied and Technical Studies
www.kent.edu/cats

About This Program

The Computer Forensics and Information Security undergraduate certificate provides an introduction to information security and incident response, forensic preparation and data recovery and analysis.

Contact Information

- Lead Faculty: **Shelley Marshall** | skmarsha@kent.edu | 440-964-4348
- Speak with an Advisor
- Chat with an Admissions Counselor

Program Delivery

- **Delivery:**
  - Fully online

Examples of Possible Careers and Salaries*

Computer and information systems managers

- 10.4% much faster than the average
- 461,000 number of jobs
- $151,150 potential earnings

Computer network architects

- 5.0% faster than the average
- 160,100 number of jobs
- $116,780 potential earnings

Computer network support specialists

- 6.4% faster than the average
- 195,100 number of jobs
- $65,450 potential earnings

Information security analysts

- 31.2% much faster than the average
- 131,000 number of jobs
- $103,590 potential earnings

Network and computer systems administrators

- 4.3% about as fast as the average
- 373,900 number of jobs
- $84,810 potential earnings

Admission Requirements

The university affirmatively strives to provide educational opportunities and access to students with varied backgrounds, those with special talents and adult students who graduated from high school three or more years ago.

Kent State campuses at Ashtabula, East Liverpool, Geauga, Salem, Stark, Trumbull and Tuscarawas, and the Twinsburg Academic Center, have open enrollment admission for students who hold a high school diploma, GED or equivalent.

Some programs may require that students meet certain requirements before progressing through the program. For programs with progression requirements, the information is shown on the Coursework tab.

For more information on admissions, contact the Regional Campuses admissions offices.

Program Requirements

Certificate Requirements

Code	Title	Credit Hours
Certificate Requirements		
CRIM 26704	ISSUES IN LAW AND SOCIETY (KSS)	3
IT 11005	INTRODUCTION TO OPERATING SYSTEMS AND NETWORKING TECHNOLOGY	3
IT 11009	COMPUTER ASSEMBLY AND CONFIGURATION	4
IT 21002	NETWORK SETUP AND CONFIGURATION	3
IT 36320	COMPUTER FORENSICS	3
IT 36330	NETWORK SECURITY FUNDAMENTALS	3
IT 46331	NETWORK SECURITY AND FIREWALLS	3
Minimum Total Credit Hours:		**22**

Graduation Requirements

Minimum Certificate GPA	Minimum Overall GPA
2.500	2.000

Program Learning Outcomes

Graduates of this program will be able to:

1. Articulate core competency in computer security-related topics.
2. Describe the scope of the information security field and its impact on information technology.
3. Identify and analyze security risks to determine potential impacts.
4. Work with a team to develop plans to mitigate security risks.
5. Identify and complete work using professional, legal and ethical behavior.
6. Define steps of forensic investigations and proper chain of command techniques.
7. List common tools used to perform forensic investigations.