

# Computer Investigations and Criminal Justice

*Criminals have learned to perpetrate conventional crimes using computers as tools, causing extensive loss to the nation's economy. The Computer Investigations and Criminal Justice major is the only program in the region that provides you with both a criminal justice and computer security background to be effective in the prosecution of these crimes. You will learn to discover, analyze and reconstruct evidence extracted from computer systems, networks, peripherals and other electronic data devices and systems.*

## Contact us

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Visit the Computer and Information  
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[www.sau.edu/cis](http://www.sau.edu/cis)  
For general information about  
St. Ambrose or how to apply:  
Admissions Office  
563/333-6300 or 800/383-2627  
email: [admit@sau.edu](mailto:admit@sau.edu)  
[www.sau.edu](http://www.sau.edu)

## Degrees offered and required credit hours

St. Ambrose University offers a Bachelor of Science in Computer Investigations and Criminal Justice (CICJ).

The CICJ degree requires 51 credit hours, including 21 credit hours in computer and network security, 24 credit hours in criminal justice, and six additional credit hours in computer science.

## Program highlights and courses

Students who pursue their CICJ degree at St. Ambrose University master the fundamentals of computer security and digital investigations with criminal justice. They study the tools and techniques needed to investigate misuse of stand-alone and networked computer systems. Students also learn methods to protect computer systems from attack.

The criminal justice component provides students with the background needed to process evidence in either a corporate or law enforcement setting.

See our course catalog at [www.sau.edu/catalog](http://www.sau.edu/catalog) for a full description of required and elective courses.

## Internships

Students are encouraged to participate in internship programs to receive quality hands-on experience. CICJ students have received internships with private computer investigation firms and local law enforcement agencies.

## About the faculty

**Kenneth R. Grenier MA**, Assistant Professor and Department Chair

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Prof. Grenier holds a master's degree in applied science from Augustana College and an MBA from the University of Iowa. He has 25 years of major industry experience in the computer systems design and support areas. Additionally, Prof. Grenier is a partner in a local business-consulting firm serving small businesses in the Quad Cities area. He teaches core courses in the CNA and CIS degree programs and has been teaching at the college/university level since 1992. He has taught at St. Ambrose since 1998.

**Kevin Lillis MA**, Assistant Professor

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Prof. Lillis worked professionally for 14 years as an electrical engineer in the field of commercial nuclear power generation and has been a member of IEEE since 1981. He currently teaches undergraduate and graduate level courses in computer science and networking. He holds a master's degree in Computer Science from Marycrest International University and is pursuing his doctorate at the University of Iowa. He has taught at St. Ambrose since 1999.

**Mark McGinn MA**, Assistant Professor

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Prof. McGinn has worked in the computer field for 25 years. In addition to teaching full-time, he has done contract work for various accounting firms, the U.S. Army and

Deere and Company. He holds master's degrees from Illinois State University, Marycrest College and the University of Iowa. He has been a member of the Association for Computing Machinery (ACM) for over 20 years. He mainly teaches courses in the Computer Network Administration and Master of Science in Information Technology Management programs with expertise in computer and network security. He has taught at St. Ambrose since 1998.

**Gary Monnard** PhD, Associate Professor

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Prof. Monnard teaches Introduction to Computer Science and Computer Systems. His professional interests include programming languages, artificial intelligence, and legal and ethical issues in computing. He holds a master's degree in computer science from Wright State University and a doctoral degree in philosophy from the University of Notre Dame.

Prof. Monnard began teaching at St. Ambrose in 2004.

**Killion Roh** PhD, Professor

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Prof. Roh's professional experience spans more than 25 years at St. Ambrose University alone, where he teaches programming languages, algorithms and data structures, computer organizations, operating systems theory, and Internet and World Wide Web programming. He also develops computer science curricula. Prof. Roh is a member of IEEE Computer Society and ACM. He earned his master's at the University of Illinois and his PhD at the University of Iowa.