

Computer Network Administration

With the power of telecommunications touching virtually every corner of our global community, computer networks are appearing everywhere, from financial service companies to non-profit agencies.

When you graduate from St. Ambrose with a CNA major, you'll be prepared to assume an entry-level position on a network administration team in nearly any type of organization.

Contact us

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St. Ambrose University

518 West Locust Street

Davenport, Iowa 52803

Visit the Computer and Information
Sciences Department Web site at

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

www.sau.edu

Degrees offered and required credit hours

St. Ambrose University offers a Bachelor of Arts in Computer Network Administration (CNA). There also is a minor in this discipline.

The CNA degree requires 42 credit hours of classes including 27 credit hours of computer courses, 15 credit hours of communication, English and business courses. A computer network administration internship is recommended.

See our course catalog at www.sau.edu/catalog for a full description of required and elective courses.

Program highlights and courses

Many schools now offer programs that teach the basic computer skills necessary for network administration. St. Ambrose went beyond that by consulting with regional business leaders on their need for network professionals. As a result, the CNA major at St. Ambrose gives you a solid technological background and, just as important, skills in business communication and management.

The CNA curriculum incorporates courses from the Departments of Communication, Computer Science, English, and Business. Within these disciplines, students take courses that teach the fundamentals of computer networking, how to work effectively in groups, how to write clearly and concisely, and how to thrive in a business environment.

Students round out their CNA studies with a capstone seminar that integrates aspects of these disciplines as they apply to the field. As part of the curriculum, students also complete on-the-job training in the form of an internship, co-op or part-time job. Your advisor will assist you in finding the work experience that best meets your needs.

Internships

The Computer and Information Sciences Department encourages students to participate in internship programs to receive quality hands-on experience. CNA students from St. Ambrose have landed internships at various regional and national corporations, including NASA, Deere and Company, Alcoa, and Genesis Health System.

Alumni

Graduates with CNA degrees currently work at HON Company, Deere and Company, Caterpillar, CNH, Sears Manufacturing Company, MidAmerican Energy, Musco Lighting, Kraft Foods, Oscar Mayer and various regional and national corporations.

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.

Killian 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.