Information Technology - Systems Administration

The Associate of Applied Science (AAS) degree in Information Technology–IT Systems Administration, trains students, using industry-based skill standards. Students will design, implement, secure, and support Microsoft, Unix/Linux, and other industry standard network, client, and server systems. Students will learn about the fundamental business context were IT systems function including business communication skills.

Classroom instruction and practical experiences are combined into a course of study that provides students with broad exposure to the principles of network management and basic a basic understanding of the current information technology business environment.

Degree & Certificate Options

- Information Technology-Systems Administration AAS Degree
- Information Technology-Systems Administration AAS-T Degree

Program: Information Technology

Type: Professional Technical Program

STUDENT LEARNING OUTCOMES
Student Learning Outcomes

Upon completion of this program, students will be able to:

- Determine the type of software or hardware necessary to complete an objective; understand the functions of different operating systems
- Access information from various storage mediums to locate and provide access to information in subdirectories
- Use an operating system to access a variety of software
- Solve problems using the appropriate operating system utilities; apply systematic approaches and logic to solving problems
- Synthesize and apply information to meet an identified need
- Ask questions and give answers using discipline-specific vocabulary
- Respond to a heterogeneous technology climate
- Plan, install, configure, and manage resources; connect and run applications; monitor, optimize, and troubleshoot network software and hardware
- Provide organizations a safe, secure, and redundant information system
- Consider ideas that conflict with individual value systems
- Design, configure, troubleshoot, and deploy computer networks