Professionals in the field of informational technology think analytically, enjoy problem-solving, and boast sharp attention to detail.

Do you have any of the aforementioned qualities? If so, this may be the field for you!

Pathway Description:

Information technology refers to the preparation of students to meet the computer technology needs of business, government, health care, schools, and other kinds of organizations.

IT professionals select and integrate hardware and software products with organizational needs and infrastructure. They install, customize and maintain those applications, thereby providing a secure and effective environment that supports the activities of the organization's computer users.

Key Competencies:
- Understand fundamentals of computer hardware and software.
- Knowledge of computer technology, networking, security & communications.
- Successfully complete Comptia A+ certification exam.

Courses (HS Credits):
9612   IT Essentials I: PC Hardware & Software (1)
X066   Internship - Semester 1 (1)
9622   IT Essentials Advanced: PC Hardware & Software (1)
X067   Internship - Semester 2 (1)
9695   Configuring Windows (1)
9G96   Fundamentals of Network Security (2)
900K   Cybersecurity - PLTW (2)

Total College Credits: 14

Annual National Average Salary for Entry Level Developers: $65,000

Career Opportunities:

Computer and Information Systems Manager	Software Engineer
Database Administrators	Information Security Analyst
Computer Hardware Engineer	Web Developers
Computer Support Specialists	Computer Network Architects

SIOUX CITY CAREER ACADEMY
Pathways to the future