



San Juan College offers several introductory information technology (IT) and computer science courses that could complement a major in Energy. Here are some specific courses that might be relevant:

1. **CIS 110: Introduction to Computers:** This course provides a foundational understanding of computers, including hardware, software, and basic operating systems. It covers essential computer concepts and skills that are fundamental to many fields, including energy.
2. **CIS 115: Introduction to Programming and Problem Solving:** This course introduces students to the principles of computer programming using a high-level language such as Python or Java. Understanding programming concepts can be valuable in analyzing data and developing software solutions relevant to the energy industry.
3. **CIS 118: Introduction to Web Programming:** This course covers the basics of web development, including HTML, CSS, and JavaScript. In the energy sector, web programming skills could be useful for creating data visualization tools, monitoring systems, or communication platforms.
4. **CIS 119: Introduction to Cybersecurity:** As the energy industry becomes increasingly reliant on digital technologies, cybersecurity is a critical concern. This course provides an overview of cybersecurity principles and practices, helping students understand how to protect sensitive information and systems.
5. **CIS 211: Database Management Systems:** Energy companies often deal with vast amounts of data related to production, consumption, and distribution. This course introduces students to database concepts and tools for organizing, managing, and querying data effectively.
6. **CIS 212: Networking Fundamentals:** Understanding computer networks is essential in many industries, including energy, where networked systems are used for monitoring and controlling infrastructure. This course covers the basics of networking protocols, hardware, and troubleshooting.
7. **CIS 240: Introduction to Linux/Unix Operating Systems:** Linux and Unix operating systems are widely used in technical fields, including energy-related industries. This course provides an introduction to these operating systems, including basic commands, shell scripting, and system administration tasks.