



While it might seem unrelated, integrating IT and computer science courses with a welding major can enhance your skill set and make you more versatile in the job market. At San Juan College, here are some introductory IT and computer science courses that could complement a welding major:

1. **Introduction to Computer Science (CSCI 115):** This course typically covers fundamental concepts of computer science including algorithms, problem-solving, and basic programming principles. Understanding these concepts can help you develop problem-solving skills applicable across various disciplines.
2. **Computer Applications (CAPP 156):** Learning about computer applications like Microsoft Office Suite can be beneficial in any career, including welding. Proficiency in software applications can streamline administrative tasks, communication, and documentation, which are essential in the welding industry.
3. **Introduction to Information Technology (ITEC 101):** This course introduces students to the basics of information technology, including computer hardware, software, networking, and cybersecurity. Understanding IT fundamentals can be advantageous in fields where technology is becoming increasingly integrated, such as welding automation and robotics.
4. **Web Page Design (CAPP 158):** While welding may seem like a hands-on profession, having knowledge of web page design can be beneficial for marketing your services, showcasing your portfolio, or even starting your own welding business. This course would introduce you to HTML, CSS, and web design principles.
5. **Introduction to Programming Logic (CSCI 130):** Even if you don't plan on becoming a software developer, understanding programming logic can enhance your problem-solving abilities and enable you to automate tasks or work with welding-related software and CNC machines.
6. **Digital Media Fundamentals (DMDA 105):** This course provides an introduction to digital media creation, including graphics, audio, and video production. Understanding digital media fundamentals can be useful for creating instructional materials, documenting welding projects, or communicating ideas effectively.
7. **Introduction to Database Management Systems (CSCI 225):** Database management systems are used in various industries for storing and retrieving data. Knowledge of database fundamentals can be valuable for managing inventory, tracking projects, or analyzing welding data.