



## Extending Equity into the Digital Workforce

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San Juan College offers several introductory courses in information technology (IT) and computer science that could complement a communication major. Here are some examples:

1. **IT101 - Introduction to Information Technology:** This course typically covers basic concepts of information technology, including hardware, software, networks, and information systems. It can provide a foundational understanding of IT principles and terminology.
2. **IT111 - Introduction to Programming:** This course introduces students to the fundamentals of programming, often using a language like Python or Java. Students learn basic programming concepts such as variables, control structures, functions, and data types.
3. **CS151 - Introduction to Computer Science I:** This course focuses on fundamental concepts in computer science, including problem-solving techniques, algorithms, and data structures. It may involve programming assignments and projects to reinforce learning.
4. **CS152 - Introduction to Computer Science II:** Building on the concepts from Introduction to Computer Science I, this course delves deeper into programming and problem-solving. Topics may include object-oriented programming, recursion, and more advanced data structures.
5. **IT120 - Introduction to Web Development:** This course introduces students to web development technologies and techniques, covering HTML, CSS, and JavaScript. Students learn how to create basic web pages and understand the principles of web design.
6. **IT130 - Introduction to Database Concepts:** This course provides an overview of database management systems and concepts. Students learn about database design, querying languages (such as SQL), and database administration basics.
7. **CS160 - Introduction to Game Design and Development:** For students interested in multimedia communication, this course introduces the basics of game design and development. Topics may include game mechanics, storytelling, graphics, and game engines.

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