

At UNM Valencia, there are several introductory courses in information technology and computer science that would be beneficial for engineering majors. Here are some examples:

1. **Introduction to Computer Science (CS 150):** This course typically covers basic concepts of computer science such as programming fundamentals, algorithms, and data structures. It provides a solid foundation for further studies in computer science and engineering.
2. **Introduction to Information Technology (IT 101):** This course introduces students to the fundamental concepts of information technology, including hardware, software, networking, and cybersecurity. It's a good starting point for understanding the technological aspects relevant to engineering fields.
3. **Introduction to Programming (CS 151):** This course focuses on teaching the basics of programming using a specific language such as Python or Java. It covers topics like variables, control structures, functions, and basic problem-solving techniques, which are essential skills for engineering students.
4. **Computer Systems and Networking (IT 110):** This course provides an overview of computer systems architecture and networking principles. Students learn about hardware components, operating systems, network protocols, and internet technologies, which are relevant to various engineering disciplines.
5. **Data Structures and Algorithms (CS 252):** This course delves deeper into the study of data structures and algorithms, building upon the concepts introduced in the introductory programming course. It covers topics like arrays, linked lists, trees, sorting algorithms, and searching algorithms, which are essential for solving complex engineering problems efficiently.