

## Extending Equity into the Digital Workforce

For a business major interested in gaining introductory knowledge in Computer Science (CS), Electrical Engineering and Computer Engineering (EECE), Electrical Engineering Technology (EET), and Information Technology (IT) at Northern New Mexico College, here are some potential courses they might consider:

- 1. Introduction to Computer Science (CS 101): This course typically covers fundamental concepts in programming, algorithms, and problem-solving. It's a good starting point for understanding the basics of computer science.
- 2. Introduction to Information Technology (IT 101): This course may provide an overview of IT infrastructure, networking concepts, and basic system administration skills. It's useful for understanding the technology behind business information systems.
- 3. **Digital Logic Design (EECE 201)**: This course introduces students to the basics of digital systems and logic design, including Boolean algebra, logic gates, and digital circuits. Understanding digital logic is essential for many aspects of modern technology, including computing and electronics.
- 4. Introduction to Electrical Engineering (EECE 101): This course may cover foundational concepts in electrical engineering, such as circuits, signals, and basic electronics. While more focused on engineering principles, it can provide valuable insight into the technology used in various business applications.
- 5. **Introduction to Engineering Technology (EET 101)**: This course might offer a broad overview of engineering technology principles, including topics like materials, manufacturing processes, and basic technical skills. It can provide a practical understanding of engineering concepts relevant to business operations.
- 6. Introduction to Programming (CS 110): This course could focus specifically on programming fundamentals using a particular language such as Python or Java. Understanding programming basics is increasingly important in various business contexts, such as data analysis, automation, and software development.
- 7. Introduction to Computer Networks (IT 220): This course might delve into the fundamentals of computer networking, including protocols, network architectures, and communication technologies. Knowledge of networking is valuable for understanding how information is transmitted and managed in modern businesses.

These courses can offer a solid foundation in technology-related disciplines, complementing a business major's understanding of management, finance, and marketing. However, it's essential for students to consult with academic advisors to ensure that these courses align with their academic and career goals.

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