



## Extending Equity into the Digital Workforce

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Western New Mexico University may offer introductory information technology and computer science courses that could complement a major in horticulture. Here are some potential courses a student might consider:

1. **Introduction to Computer Science (CIS 100):** This course typically covers fundamental concepts in computer science, such as algorithms, programming languages, and problem-solving techniques. It could provide a good foundation for understanding basic computer science principles.
2. **Introduction to Information Technology (CIS 101):** This course might introduce students to the basics of information technology, including topics like computer hardware, software, networks, and databases. Understanding these concepts could be beneficial for managing technology in horticultural settings, such as using software for crop management or monitoring environmental conditions.
3. **Programming Fundamentals (CIS 110):** Learning a programming language like Python or Java could be valuable for horticulture students, as it opens up possibilities for developing software tools or analyzing data related to plants, soils, or agricultural processes.
4. **Database Fundamentals (CIS 220):** Understanding databases and how to manage and query data could be useful for horticulture students who need to organize and analyze large datasets, such as crop yield data or soil composition information.
5. **Web Development (CIS 250):** This course could introduce students to the basics of web development, including HTML, CSS, and JavaScript. Knowing how to create and manage websites could be beneficial for horticulture students interested in online marketing, e-commerce, or sharing information about their work.

David Bowman,  
Director: [director@nmrec1.org](mailto:director@nmrec1.org)  
205 N. Auburn, Farmington, NM 87401  
PR# S411B210027