At Dona Ana Community College, students majoring in Agriculture may find the following introductory information technology and computer science courses helpful:

1. **Introduction to Computers (CIS110)**: This course covers basic computer concepts, including hardware, software, operating systems, and productivity software applications like Microsoft Office. It provides a foundation for understanding computer technology, which is valuable in any field, including agriculture.
2. **Computer Science I (CSCI 151)**: This course introduces fundamental programming concepts using a high-level programming language like Python or Java. Students learn about variables, control structures, functions, and basic algorithms. Understanding programming principles can be beneficial for developing software tools or applications related to agricultural management or analysis.
3. **Database Fundamentals (CIS135)**: This course teaches the basics of database design, implementation, and management. Students learn about database models, SQL (Structured Query Language), and database administration tasks. Knowledge of databases can be useful for managing agricultural data such as crop yields, inventory, or livestock records.
4. **Web Development Fundamentals (CIS224)**: In this course, students learn the basics of web development, including HTML, CSS, and JavaScript. They gain skills in creating and styling web pages and learn about client-server communication. Understanding web development can be advantageous for creating online resources or tools for agricultural education or outreach.
5. **Introduction to Geographic Information Systems (GIS) (CIS209)**: This course introduces the principles and applications of GIS technology. Students learn how to capture, store, manipulate, analyze, and present spatial data. GIS skills can be valuable for spatial analysis in agriculture, such as precision farming or land management.

These courses provide a solid foundation in information technology and computer science that can complement studies in agriculture and open up opportunities for utilizing technology in various agricultural applications.

David Bowman,
Director: director@nmrec1.org
205 N. Auburn, Farmington, NM 87401
PR# S411B210027