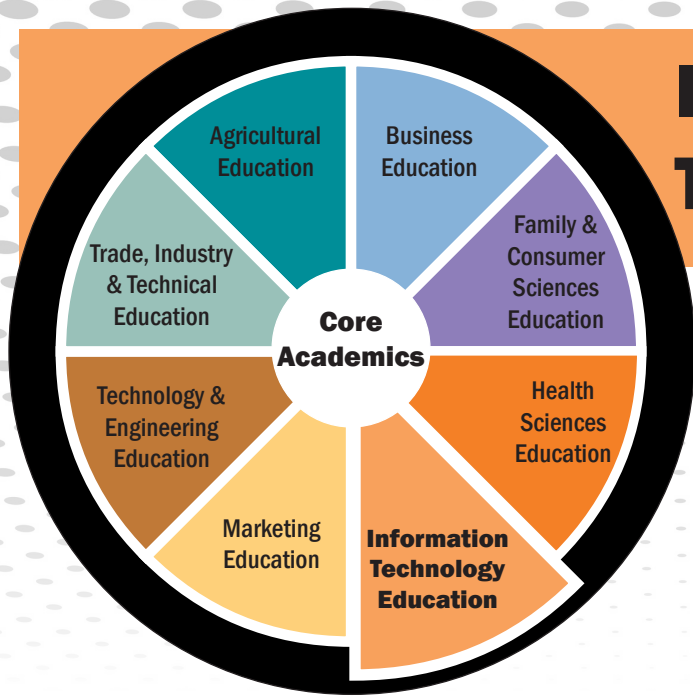


# Information Technology Education



## Information Technology Education Course Options

|   |                                 |
|---|---------------------------------|
| CCNA Connecting Networks                      | Internet of Things Fundamentals |
| CCNA Introduction to Networks                 | Intro to Cybersecurity          |
| CCNA Routing & Switching Essentials           | Intro to Networking             |
| CCNA Scaling Networks                         | Intro to Web Design             |
| Computer Gaming and Design                    | Intro to IT                     |
| Computer Hardware and Operating Systems (A+)  | Intro to Programming Languages  |
| Computer Software Application                 | IT Essentials 2                 |
| Data Modeling & SQL                           | Mobile Applications Development |
| Essentials of Desktop Operating Systems-Linux | Programming Essentials          |
| Essentials of Network Operating Systems       | Programming Essentials: C++     |
| Fundamentals of JAVA Programming              | Programming Essentials: Python  |
| Geographic Info Systems (GIS)                 |                                 |



## In-Demand Occupations

|  | Average Annual Wage | Average Annual Openings | Postsecondary Institution  | Degree or Certificate    | CTSO      |
|--|---------------------|-------------------------|--|--------------------------|-----------|
| Computer Network Support Specialist      | \$64,640            | 46                      | DSU, RC, TMCC  | Certificate<br>AAS<br>BS | SkillsUSA |
| Computer System Analyst                  | \$76,110            | 54                      | NDSCS, RC  | AAS<br>BS                | SkillsUSA |
| Computer User Support Specialist         | \$53,020            | 140                     | DCB, DSU, LRSC, NDSCS, NHSC, RC, SBC, UJ, UM, UTTC, WSC                  | AAS<br>BS                | SkillsUSA |
| Software Developer (Applications)        | \$80,620            | 133                     | RC, VCSU   | AA<br>BS                 | SkillsUSA |
| Computer and Information Systems Manager | \$124,450           | 51                      | DCB, DSU, LRSC, NDSCS, NDSU, NHSC, RC, SBC, UJ, UM, UND, UTTC, VCSU, WSC | AAS<br>BS                | SkillsUSA |



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