**Computer Networking**

**Business Division**

This certificate is designed for those individuals who desire an understanding of personal computer networks and their use in the workplace. The course of study will provide the student with a thorough knowledge of local area network design, network management, installation, servicing and support. Students will possess an understanding of PC network technology and programming, set-up, communications, utilities, and system management.

Please see advisor for alternative classes.

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| **Course No.** | **Title** | **Credits** |
| CSC\*H205 | Visual Basic I |  |
|  | or |  |
| CSC\*H113 | Programming I | 3 |
| CST\*H120 | Intro to Operating Systems | 3 |
| CST\*H130 | Network Essentials I | 3 |
| Three Elective Courses (9 credits) from this list |
| CST\*H235 | Network Systems | 3 |
| CST\*H236 | Advanced Network Systems | 3 |
| CST\*H239 | Servicing & Support of LANS† | 3 |
| CST\*H274 | Network Security Technology | 3 |
| CST\*H248 | Practices in Security Management | 3 |
| CSC\*H101 | Introduction to Computers | 3 |
|  | Total Credit Hours | 18 |

†Please see advisor for alternative classes.

Program Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Provide the student with the personal computer skills necessary to effectively function in today’s workplace.
2. Offer a “hands-on” learning experience in the personal computer networking software most commonly used in business and industry.
3. Provide the opportunity for a more advanced technical understanding of personal computer local area networks, their design, installation and management.
4. Provide entry-level opportunities to individuals seeking positions requiring computer networking skills.
5. Upgrade the personal computer knowledge and skills of individuals currently employed.