

*The IT courses in following career studies certificate may be used to complete the AAS degree in Information Systems Technology, or the program may be taken on its own.*

**INFORMATION SYSTEMS TECHNOLOGY:**

**Network Administration**

Career Studies Certificate

**AL, AN, LO, MA, WO**

*Purpose:* This career studies certificate provides the student with a broad background in networking technologies, administration, and support. The material presented in the certificate provides the foundation knowledge covered in a variety of networking certifications, including CompTIA's A+, Network+, and CISCO certifications.

| <b>One Year</b>  | <b>Credits</b> |
|--|----------------|
| <b>1st Semester</b>                                    |                |
| <sup>1</sup> ENG/SPD Elective                          | 3              |
| ITN 101 Introduction to Network Concepts               | 3              |
| ITN 107 Personal Computer Hardware and Troubleshooting | 3              |
| ITN 170 Linux System Administration                    | 3              |
| ITN 260 Network Security Basics                        | <u>3</u>       |
| <b>Total</b>   | <b>15</b>      |
| <br>   |                |
| <b>2nd Semester</b>                                    |                |
| ITN 106 Microcomputer Operating Systems                | 3              |
| ITN 200 Administration of Network Resources            | 3              |
| ITN 208 Protocols and Communications                   | 4              |
| ITN 245 Network Troubleshooting                        | <u>3</u>       |
| <b>Total</b>   | <b>13</b>      |

**Total Credits for the Career Studies Certificate in Network Administration = 28.**

**IT courses used for this program may not be more than 10 years old, unless approved by division dean.**

<sup>1</sup> ENG/SPD elective must be selected from the following: ENG 111, SPD 100, 110, 115, 126, 227 or 229.