

A.A.S. Network Technician Degree

Program Outcomes

1. Identify hardware components and explain functions. (SLO 1.2)
2. Create directories, sub-directories, workbooks, and worksheets. (SLO 5.1)
3. Apply functions and formulas. (SLO 2.2 & 2.3)
4. Set up database systems and develop tables, queries, form and reports. (SLO 7.2)
5. Design a program in a structured modular language. (SLO 4.1, 5.1 & 7.2)
6. Develop algorithms and verify program outputs. (SLO 2.2 & 2.3)

7. Demonstrate file naming and file management techniques. (SLO 1.2)
8. Manipulate several different operating systems. (SLO 5.1 & 7.2)
9. Demonstrate troubleshooting competency in selection decisions, repair, installation and configuration of PC and related software. (SLO 4.1)
10. Demonstrate the assembly of an average personal PC and load operating system. (SLO 5.1 & 6.4)
11. Install and set up modem and communications software. (SLO 5.1 & 6.4)
12. Install master/slave hard drives. (SLO 5.1)
13. Assemble and configure multi-media P.C. (SLO 5.1 & 7.2)
14. Identify the safety precautions in handling computer hardware. (SLO 6.4 & 6.5)
15. Understand and demonstrate knowledge of the OSI reference model, data transmission and translation, and network structures. (SLO 1.2 & 5.1)

A.A.S. Network Technician Degree

Student Learning Outcomes (SLO)

STUDENT LEARNING OUTCOMES are the knowledge and abilities every student graduating with a certificate or degree from South Seattle Community College will have. Students will achieve these outcomes as well as the specific curriculum outcomes for their academic or technical area of study.

1. Communication

- 1.1 Read and listen actively to learn and communicate.
- 1.2 Speak and write effectively for personal, academic and career purposes.

2. Computation

- 2.1 Use arithmetic and other basic mathematical operations as required by program of study.
- 2.2 Apply quantitative skills for personal, academic, and career purposes.
- 2.3 Identify, interpret and utilize higher level mathematical and cognitive skills (for those students who choose to move beyond the minimum requirements are stated above).

3. Human Relations

- 3.1 Use social interactive skills to work in groups effectively.
- 3.2 Recognize the diversity of cultural influences and values.

4. Critical Thinking and Problem-Solving

- 4.1 Think critically in evaluating information, solving problems and making decisions.

5. Technology

- 5.1 Select and use appropriate technological tools for personal, academic and career tasks.

6. Personal Responsibility

- 6.1 Be motivated and able to continue learning and adapt to change.
- 6.2 Value one's own skills, abilities, ideas and art.
- 6.3 Manage personal health and safety.
- 6.4 Be aware of civic and environmental issues.

7. Information Literacy

- 7.1 Access and evaluate information from a variety of sources and contexts, including technology.
- 7.2 Use information to achieve personal, academic, and career goals, as well as to participate in a democratic society.

