ACCREDITATION

PROFESSIONAL TECHNICAL

PROGRAM OUTCOMES

IT Systems Specialist Degree (AAS, AAS-T) (2012)

1. Identify hardware and operating system components and explain functions. (SLO 5.1 & 7.1)
2. Identify network devices and OSI components and systems (SLO 5.1 & 7.1)
3. Identify network devices and operating system combinations. (SLO 5.1 & 7.1)
4. Begin using software applications for utilitarian or presentation purposes. (SLO 5.1 & 7.2)
5. Learn and demonstrate common applications and presentation software. (SLO 1.2, 5.1 & 7.2)
6. Demonstrate knowledge of file systems and naming conventions. SLO SOL 5.1, 6.2 & 7.2)
7. Install and properly configure network devices and related operating systems. (SLO 4.1, 5.1 & 6.3)
8. Install and properly configure computer hardware components and operating systems. (SLO 4.1, 5.1 & 6.3)
9. Be able to install, configure, and use various Microsoft and open source operating systems. (SLO 4.1, 5.1 & 6.3)
10. Create basic database queries in Access; apply common controls and formulas. (SLO 4.1, 5.1 & 7.2)
11. Create and manage a small Access database and develop tables, queries, forms, and reports. (SLO 4.1, 5.1, 6.3, & 7.2)
12. Select, configure, and use different operating systems. (SLO 4.1 * 5.1)
13. Select, implement appropriate troubleshooting tools and methods for problem solving. (SLO 4.1, 5.1 & 7.2)
14. Be able to analyze and troubleshoot various Microsoft and open source operating systems (SLO 4.1 & 5.1)
15. Troubleshoot and solve problems occurring at any level of the OSI layers in a network in a small LAN or wireless environment. ((SLO 4.1, 5.1, 6.1 & 7.2)
16. Correctly add/remove/change users and computers, sites, and domains in a network. (SLO 5.1, 6.1, & 7.2)
17. Select components; install, configure, troubleshoot, and repair computers. (SLO 4.1, 5.1, 6.3 & 7.2)
18. Design a non-complex program in a structured modular/visual language. (SLO 4.1, 5.1, 6.3, & 7.2)
19. Use critical thinking for analysis of hardware, OS, or network problems. (SLO 4.1 & 5.1)
20. Access information efficiently and accurately to resolve computer problems. (SLO 4.1 & 7.1)
21. Work effectively with others to accomplish complex tasks, demonstrate logical thinking, and effective communication skills. (SLO 1.2, 3.1 4.1, 5.1, & 7.2)
22. Be able to explain and communicate problems accurately and the related solutions effectively. (SLO 4.1)
23. Use safety precautions while working in and around computers and people. (SLO 6.4)