Network Administration AAS, AAS-T (2012)

1. Identify hardware and operating systems components and proper combinations. (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 systems combinations. (SLO 5.1 & 7.1)
4. Begin using software applications for utilitarian or presentation purposes. (SLO 4.1, 5.1 & 6.1)
5. Install and properly configure network devices and related operating systems. (SLO 4.1, 5.1 & 6.1)
6. Install and properly configure computer hardware components and operating systems. (SLO 4.1, 5.1 & 6.2)
7. Build, configure, and prepare a server for a given role. (SLO 4.1, 5.1 & 6.3)
8. Be able to install, configure, and use Microsoft and open source operating systems (SLO 4.1, 5.1 & 6.3)
9. Create basic database queries; apply functions and formulas. (SLO 3.3, 4.1, 5.1 & 7.2)
10. Create and manage databases and develop tables, queries, forms, and reports. (SLO 3.3, 4.1, 5.1 & 7.2)
11. Select, configure, and use different operating systems. (SLO 4.1, 5.1, 6.3 & 7.2)
12. Select, implement appropriate troubleshooting tools and methods for problem solving. (SLO 4.1, 5.1, 6.3 & 7.2)
13. Be able to analyze and troubleshoot various Microsoft and open source operating systems. (SLO 4.1, 5.1, 6.3 & 7.2)
14. Troubleshoot and solve problems occurring at any level of the OSI model in a network. (SLO 4.1, 5.1, 6.3 & 7.2)
15. Correctly add/remove/change users and computers, sites, and domains in a network. (SLO 4.1, 5.1, 6.3 & 7.2)
16. Setup, configure, insert, and provide basic security and traffic control using Cisco routers and switches. (SLO 4.1, 5.1, 6.3 & 7.2)
17. Be able to secure and monitor activities on computers and networks. (SLO 4.1, 5.1, 6.3 & 7.2)
18. Accurately discuss the advantages/disadvantages, platform and costs of Cloud Computing. (SLO 5.1 & 7.1)
19. Accurately discuss advantages/disadvantages of the different types and brands of virtualization and implement one application layer virtualization package. (SLO 1.2, 4.1, 5.1 & 7.2)
20. Design a non-complex program in a structured modular/visual language. (SLO 4.1, 5.1, 6.3, & 7.2)
21. Use critical thinking for analysis of hardware, OS, or network problems. (SLO 4.1, 5.1, 6.1 & 7.2)
22. Access information efficiently and accurately to resolve computer problems. (SLO 5.1 & 7.2)
23. Work effectively with others to accomplish complex tasks, develop and demonstrate logical thinking skills and effective communication skills. (SLO 1.2, 3.1, 3.2, 4.1, 5.1 & 6.3)
24. Be able to explain and communicate problems accurately and the related solutions effectively. (SLO 1.2, 3.1, 4.1, 5.1 & 6.5)
25. Use safety precautions while working in and around computers and people. (SLO 5.1 & 6.5)