

Student Study Guide

The following are terms and concepts which will be utilized in the Network Technology and Management Capstone class. New concepts related to various aspects of Requests for Proposals (i.e., Responding, developing and creating RFP) are introduced in this class. Many other terms and concepts would have been introduced in previous courses or will be discussed at length during the Capstone class. Students are expected to recall terms and concepts evaluated and utilized in previous network technology classes. In addition, each student will be encouraged to access past resources utilized in previous courses such as textbooks, papers, projects, professors and colleagues in order to perform hands-on activities to continue to master the use of devices, software and associated tools utilized in network technology. Students will be able to access the prior mentioned items easily via Canvas which contains class data including the prerequisite courses CIS 253 and CIS 257. This list is to be used to aid the student in continually evaluating their levels of understanding concerning the design, creation and implementation of various elements required in the installation of a functioning corporate network infrastructure.

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| 1. ERP | 28. Teamwork | 55. Physical Addressing |
| 2. Project Life Cycle | 29. Accountability | 56. Power users |
| 3. Task | 30. Interdependence | 57. Print Management |
| 4. Resource | 31. Groupwork | 58. Print Server |
| 5. Schedule | 32. Goals | 59. Web Printer |
| 6. Performance risk | 33. Participation | Management |
| 7. Scope and scope creep | 34. Communications | 60. Public IP |
| 8. Critical path | 35. Administrative tools | 61. Remote Access |
| 9. Milestone | 36. Certifications | 62. Server Manager |
| 10. Deliverable | 37. Video Server | 63. Sh dhcp binding |
| 11. Phase | 38. Domain | 64. sh ip int brief |
| 12. Scope Creep | 39. Domain Users | 65. sh ip route |
| 13. Dependencies | 40. File Server | 66. Sh run |
| 14. Baseline | 41. Forest | 67. Shared directory |
| 15. Criteria | 42. Home folders | 68. Static Route |
| 16. Change Request | 43. Host/node/client | 69. Straight cable |
| 17. Constraints | 44. Intermediary Device | 70. Subnet Mask |
| 18. Critical path | 45. Static IP address | 71. Switch |
| 19. Duration | 46. IP Address | 72. TCP/IP |
| 20. Time to Completion
(TTC) | 47. IP Classes | 73. Telnet |
| 21. Flow/Gantt/Pert Chart | 48. IPv4 - 6 | 74. Teraterm |
| 22. Lag | 49. Logical Addressing | 75. TFTP |
| 23. Matrix | 50. Media | 76. Traceroute |
| 24. Output | 51. Net share | 77. UNC |
| 25. Variance | 52. netsh advfirewall set
allprofiles state off | 78. User Profiles |
| 26. Life Cycle | 53. Network drive | 79. FQDN |
| 27. Mitigation | 54. password-encryption | 80. Wireless (802.11+) |