Master Syllabus

Course Number: CIS 219
Course Name: Advanced Server Technologies
Credits: 3
Contact Hours: 1 Lecture; 4 Lab

Course Description: This course features Windows and Linux servers as the local area network operating system. Students will complete hands-on tutorials to plan and implement Windows and Linux servers. The course includes an introduction to configuring protocols such as TCP/IP. The course also includes how to configure DNS, vital services such as PowerShell, email collaborations, remote install, WSUS, WDS, and other advanced tools.

Prerequisites: CIS 213

Textbooks: http://bookstore.wdt.edu

Materials: Program toolkit and laptop computer (consult your instructor or the WDT IT department for specifications)

Student Learning Outcomes:
- Explain the advanced configuration of Windows and Linux servers
- Manage advanced features of Windows and Linux servers
- Evaluate the similarities and differences of Windows and Linux servers

Assessment: The core abilities of life skills, analytical skills, teamwork techniques, employability, communication skills, social values, and technology skills will be assessed throughout this course.

ADA Accommodations: Students Rights to Assistance or Accommodations: Western Dakota Technical Institute (hereinafter WDT) does not discriminate on the basis of disability. If you have a disability as defined by federal or state law, including a temporary disability related to pregnancy and/or parenting as a result of a medical necessity due to childbirth, WDT will provide reasonable accommodations including but not limited to architectural access, aids and services necessary for effective communication, and modification of its policies and procedures. Students with a disability who are requesting an accommodation should contact your instructor and the Student Success Director who serves as the disability coordinator as early as possible in the semester.

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December 2016