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| Course Information: |
| College:  | Northeast Wisconsin Technical College |
| Course Title:  | IT:Network: Microsoft Server 2 |
| Course Number:  | 060136 |

**Textbook:**

ReganPatrick.  *Administering Windows Server 2012 R2*;Microsoft Press (publisher). 2014. ISBN:978-0-7356-8469-0

Microsoft Online Labs Access Code ISBN: 9781118882894

**Course Competencies**

Competencies are what learners will be able to do as a result of the learning experience. In this course, the competencies that you must demonstrate are:

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| **#** | **Course Competency:** |
| 1: | Configure servers |
| 2: | Configure monitoring for servers |
| 3: | Configure local storage |
| 4: | Configure DNS server resources and records |
| 5: | Configure Domain Controllers |
| 6: | Manage and maintain Active Directory |
| 7: | Configure Group Policies |
| 8: | Manage Group Policy Objects |
| 9: | Configure Group Policy Preferences |
| 10: | Automate administrative tasks using PowerShell |
| 11: | Manage and secure servers and desktops |

**Course Schedule**

| **Week(s)/ Session:** | **Learning Plan/Description:** | **Targeted Competencies: (#)** | **Assessment Activities**  |
| --- | --- | --- | --- |
| 1 | Install Servers | 1;10 | Install Servers PATNetlabs in-class activity |
| 2 | Monitor servers | 2;10 | Monitor Servers PATNetlabs in-class activity |
| 3 | Configure distributed file system | 3 | Configure DFS PATNetlabs in-class activityWritten Quiz |
| 4 | Configure FSRM | 3 | Configure FSRM PATNetlabs in-class activity |
| 5 | Configure File Services and Disk Encryption | 3;11 | Configure File Services and Disk Encryption PATNetlabs in-class activity |
| 6 | Configure Advanced Audit Policies | 7;8;11 | Configure Advanced Audit Policies PATNetlabs in-class activity |
| 7 | Review | 1;2;3;10;11 | Review for midterm assessments |
| 8 | Midterm Assessment-Written/Lab | 1;2;3;10;11 | Skills demonstrated through mid-term lab assessmentSkills demonstrated through mid-term written assessment |
| 9 | Configure DNS Zones and Records | 4 | Configure DNS Records and Zones PATNetlabs in-class activity |
| 10 | Configure Domain Controllers | 5;6 | Configure Domain Controllers PATNetlabs in-class activity |
| 11 | Maintain Active Directory and configure Account Policies | 6;10 | Maintain Active Directory and Configure Account Policies PATNetlabs in-class activityWritten Quiz |
| 12 | Configure Group Policy Processing and Settings | 7;8 | Configure Group Policy Processing and Settings PATNetlabs in-class activity |
| 13 | Manage Group Policy Objects and Preferences | 7;8;9;11 | Manage Group Policy Objects and Preferences PATNetlabs in-class activity |
| 14 | Final Project/Review | 4;5;6;7;8;9;10 | Project Week |
| 15 | Final Assessment-Written | 4;5;6;7;8;9;10 | Skills demonstrated through Final ProjectSkills demonstrated through Final written assessment |