# Turtle Mountain
## Community College

10145 BIA Road 7
P.O Box 340
Belcourt, ND 58316

Phone 701-477-7862
Fax 701-477-7892

www.tm.edu

**CATALOG COURSE TITLE & NUMBER**: CIS 216 A – MS Planning MS Network Infrastructure
**COURSE CREDIT HOURS:** 3 Credits
**CLASS MEETINGS & ROOM:** Room 201 Monday & Wednesday 2:00 pm – 3:20 pm
**PREREQUISITE**: None
**INSTRUCTOR:** Michael Selburg
**INSTRUCTOR PHONE:** Office - 701-477-7946 mobile - 701-389-7598
**INSTRUCTOR EMAIL:** mselburg@tm.edu
**INSTRUCTOR OFFICE & HOURS:** Mon-Thu 8am-9am & 11am-12pm
                                 Fri: By appointment

**ALIGNMENT TO TMCC MISSION STATEMENT:** As TMCC's mission is to promote, support, and protect the culture of the Turtle Mountain community with regard to the Anishinabe roots, while also ensuring that students receive a high level of academic education. This class will focus on using the 7 Teachings while learning new skills to help the Turtle Mountain community.

**CATALOG COURSE DESCRIPTION:** This course introduces the learner to the Microsoft Windows Server Environment and the networking technologies it supports. The learner will become familiar with planning and infrastructure in Microsoft Server environment.

**RATIONALE:** This course is intended for those who are preparing to manage and administer Microsoft Server 2016 in a network administration environment and earn certification by the end of the class.

**STATEMENT OF CULTURAL CONTENT:** The mission of the Turtle Mountain Community College is to create an environment in which the cultural and social heritage of the Turtle Mountain Band of Chippewa can be brought to bear throughout the curriculum. We will try to invite a guest speaker into our classroom to go over the history of our ancestors and how they managed people without the use of technological devices like computers. We will have a guest speaker that will be presenting in the class for a graded assignment.

**LEARNING OUTCOMES:**

- **To teach the fundamentals of Microsoft Servers**
- **To expose students to practical examples of using Microsoft Servers in a professional environment**
- **To help students discover the underlying functionality of Microsoft Servers so they can become more productive**

**MATERIALS AND METHOD OF INSTRUCTION:**
**Materials:**

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- TestOut Server Pro 2016: Identity ISBN: 978-1-935080-68-8

**Method of Instruction:**

- Assignments - On-going tutorials and review assignments.
- Quizzes – More times than not quizzes will be given at times when attendance is poor. There will be no making up quizzes.
- Test – Will be given as determined by the instructor and will be announced well in advance.

**CLASS PROCEDURES:** All assignments will be submitted through Canvas. Late assignments submitted after 7 days of the due date will be given no credit. Assignments will be due every Sunday at 11:59 pm. Assignments will be posted each week by Monday at 12:00 pm. If you are unable to complete assignments by due date due to an emergency, please contact the instructor via email or leave a message on the office phone or mobile phone.

**ATTENDANCE & PARTICIPATION:** With this online course attendance and participation will be administered through discussion boards and assignments. If discussions and assignments are not completed by the due date, student will not be considered in attendance and participating.

TMCC Policy States:

"Students are responsible for understanding and following the specific course attendance requirements of their instructors as outlined in the course syllabus. If at all possible, the student should contact the respective instructor prior to any absence. Only class instructors can excuse students from class for reasons other than participation in college approved functions. No absences are "excused" in the sense of relieving the student from the responsibility of making up missed work. Students are responsible for mastery of material and completion of assignments missed. Failure to do so may affect grades regardless of the reason for the absence. TMCC recognizes the value of participation in extracurricular activities. Thus, a student can be excused from class in the case of college approved functions. In such instances, the student is responsible for notifying the instructor of the absence prior to the class."

**GRADING SCALE:** Grading is on an absolute scale, no curves. Your grade will be based on the following grading scale:
A = 90-100 %   B = 89-80 %   C = 79-70 %
D = 69-60 %   F = 59-0%

In order to receive the grade indicated in the table above you as the student will be tested on knowledge and demonstration of skills. The final grade will be determined by points including tests, chapter questions and hands-on case projects. They will all be weighted strictly on the points earned for all things that are assigned.

**ASSESSMENT:** Student Learning Outcomes will be assessed through a pre and post testing for each semester.

**ACADEMIC HONESTY**:

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Students are expected to maintain scholastic honesty.  Scholastic dishonesty includes but is not limited to cheating on a test, plagiarism, and collusion.  When an infraction occurs, instructors have the authority to act personally.  Instructors will report action to the Dean of Academic Programs.  A student has the right to appeal the instructors' action in accordance with the student appeal policy.

**DISABILITY STATEMENT:**
If you have emergency medical information to share with me, if you need special arrangements in case the building must be evacuated, or if you need reasonable accommodations in this course because of a disability, please make an appointment with me.   If you plan to request disability accommodations, you are expected to register with the counseling office in Student Services.

**MAJOR UNITS (Requirements):**

0.2.2 - Explore Multiple Hyper-V Servers

Assignment 1.1.3 - Practice Questions

Assignment 1.2.5 - Practice Questions

Assignment 1.3.7 - Practice Questions

Assignment 1.4.7 - Create RODC Accounts

Assignment 1.4.8 - Edit the Password Replication Policy

Assignment 1.4.9 - Practice Questions

Assignment 1.5.4 - Practice Questions

Assignment 2.1.4 - Configure Sites

Assignment 2.1.5 - Manage Sites and Subnets

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Assignment 2.1.6 - Practice Questions

Assignment 2.2.10 - Configure Global Catalog Servers

Assignment 2.2.11 - Enable Universal Group Membership Caching

Assignment 2.2.12 - Practice Questions

Assignment 2.2.5 - Transfer RID and PDC Masters

Assignment 2.2.6 - Transfer the Infrastructure Master

Assignment 2.2.7 - Troubleshoot Operations Masters

Assignment 2.3.5 - Configure Intrasite Replication

Assignment 2.3.6 - Configure Intersite Replication

Assignment 2.3.7 - Practice Questions

Assignment 2.4.3 - Create a Forest Root Trust

Assignment 2.4.7 - Design Trusts

Assignment 2.4.8 - Create a Shortcut Trust

Assignment 2.4.9 - Practice Questions

Assignment 3.1.4 - Create Organizational Units

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Assignment 3.1.5 - Delete Organizational Units

Assignment 3.1.6 - Practice Questions

Assignment 3.2.4 - Create Computer Accounts

Assignment 3.2.5 - Practice Questions

Assignment 3.3.10 - Manage User Accounts

Assignment 3.3.11 - Practice Questions

Assignment 3.3.9 - Create User Accounts

Assignment 3.4.5 - Create Global Groups

Assignment 3.4.6 - Create a Distribution Group

Assignment 3.4.7 - Change the Group Scope

Assignment 3.4.8 - Implement a Group Strategy

Assignment 3.4.9 - Practice Questions

Assignment 3.5.4 - Practice Questions

Assignment 3.6.4 - Practice Questions

Assignment 3.7.4 - Delegate Administrative Control

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Assignment 3.7.5 - Practice Questions

Assignment 4.1.10 - Practice Questions

Assignment 4.1.4 - Back Up Active Directory

Assignment 4.2.4 - Practice Questions

Assignment 4.3.5 - Raise Functional Levels

Assignment 4.3.6 - Raise the Domain and/or Forest Levels

Assignment 4.3.7 - Practice Questions

Assignment 5.1.7 - Practice Questions

Assignment 5.10.4 - Practice Questions

Assignment 5.2.6 - Control GPO Inheritance

Assignment 5.2.7 - Practice Questions

Assignment 5.3.4 - Assign Software

Assignment 5.3.5 - Deploy Software 1

Assignment 5.3.6 - Deploy Software 2

Assignment 5.3.7 - Practice Questions

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Assignment 5.4.4 - Practice Questions

Assignment 5.5.4 - Configure Security Settings with Group Policy

Assignment 5.5.5 - Practice Questions

Assignment 5.6.5 - Configure Password Settings with Group Policy

Assignment 5.6.6 - Create a Password Settings Object

Assignment 5.6.7 - Practice Questions

Assignment 5.7.6 - Import a GPO

Assignment 5.7.7 - Practice Questions

Assignment 5.8.4 - Configure Internet Explorer Settings in a GPO

Assignment 5.8.5 - Configure Power Options in a GPO

Assignment 5.8.6 - Deploy Desktop Shortcuts in a GPO

Assignment 5.8.7 - Practice Questions

Assignment 5.9.4 - Back Up a GPO

Assignment 5.9.5 - Restore a GPO

Assignment 5.9.6 - Practice Questions

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Assignment 6.1.7 - Practice Questions

Assignment 6.2.6 - Manage Certificates

Assignment 6.2.7 - Practice Questions

Assignment 6.3.4 - Configure Templates for Autoenrollment

Assignment 6.3.5 - Enable Autoenrollment for the Domain

Assignment 6.3.6 - Create Certificates for Smart Cards

Assignment 6.3.7 - Require Smart Cards for Logon

Assignment 6.3.8 - Practice Questions

Assignment 6.4.6 - Manage Certificate Revocation

Assignment 6.4.7 - Practice Questions

Assignment 6.5.4 - Practice Questions

Assignment 6.6.4 - Practice Questions

Assignment 6.7.4 - Practice Questions

Assignment 7.1.5 - Practice Questions

Assignment 7.2.4 - Practice Questions

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Assignment 7.3.5 - Practice Questions

Assignment 7.4.4 - Practice Questions

Assignment 7.5.6 - Practice Questions

Assignment 8.1.5 - Practice Questions

Assignment 8.2.5 - Configure a Distributed Rights Policy Template

Assignment 8.2.6 - Practice Questions

Assignment 8.3.4 - Configure a User Exclusion

Assignment 8.3.5 - Practice Questions

Assignment 8.4.4 - Practice Questions

Assignment A.1.1 - Server Pro 2016: Identity Exam Objectives

Assignment A.1.2 - Server Pro 2016: Identity Objectives by Course Section

Assignment A.1.3 - How to take the Certification Exam

Assignment A.1.4 - Certification FAQs

Assignment A.2.1 - Server Pro 2016: Identity Objective 1: Active Directory Domain Services, All Questions

Assignment A.2.2 - Server Pro 2016: Identity Objective 2: Active Directory Objects, All Questions

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Assignment A.2.3 - Server Pro 2016: Identity Objective 3: Group Policy, All Questions

Assignment A.2.4 - Server Pro 2016: Identity Objective 4: Certificate Services and Rights Management Services, All Quest

Assignment A.3 - TestOut Server Pro 2016: Identity Certification Practice Exam

Assignment B.2.1 - Microsoft 70-742 Objective 1.0: Install and Configure Active Directory Domain Services, 20 Random Q

Assignment B.2.2 - Microsoft 70-742 Objective 2.0: Manage and Maintain AD DS, 20 Random Questions

Assignment B.2.3 - Microsoft 70-742 Objective 3.0: Create and Manage Group Policy, 20 Random Questions

Assignment B.2.4 - Microsoft 70-742 Objective 4.0: Implement Active Directory Certificate Services, 20 Random Questio

Assignment B.2.5 - Microsoft 70-742 Objective 5.0: Implement Identity Federation and Access Solutions, 20 Random Qu

Assignment B.3.1 - Microsoft 70-742 Objective 1.0: Install and configure Active Directory Domain Services, All Questions

Assignment B.3.2 - Microsoft 70-742 Objective 2.0: Manage and Maintain AD DS, All Questions

Assignment B.3.3 - Microsoft 70-742 Objective 3.0: Create and Manage Group Policy, All Questions

Assignment B.3.4 - Microsoft 70-742 Objective 4.0: Implement Active Directory Certificate Services, All Questions

Assignment B.3.5 - Microsoft 70-742 Objective 5.0: Implement Identity Federation and Access Solutions, All Questions

Assignment B.4 - Microsoft 70-742 Certification Practice Exam

Assignment TestOut Server Pro 2016: Identity Certification

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**\*This syllabus is subject to change at the discretion of the instructor.**