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 162 H - Operating Systems
COURSE CREDIT HOURS: 3 Credits
CLASS MEETINGS & ROOM: Mondays & Wednesdays 9am-10:20am. Room 201
PREREQUISITE: None
INSTRUCTOR: Michael Selburg
INSTRUCTOR PHONE: Ext 2307 Mobile : 701-389-7598
INSTRUCTOR EMAIL: mselburg@tm.edu
INSTRUCTOR OFFICE & HOURS:
Monday - 8:00 am - 9:00 am ; 1:00 pm - 3:00 pm
Tuesday - 8:00 am - 9:00 am
Wednesday - 8:00 am - 9:00 am ; 1:00 pm - 3:00 pm
Thursday - 8:00 am - 9:00 am
Friday - By Appointment

Course Delivery - Blended/Hybrid: Hybrid courses combine face-to-face classroom instruction and the convenience of online web-based learning, resulting in a reduction of the amount of time spent in the face-to-face classroom and a significant increase of time spent studying online materials. Students registered in hybrid courses must attend class meetings as listed in the Turtle Mountain Community College course schedule.

CATALOG COURSE DESCRIPTION: An in-depth coverage of the Windows operating systems geared for those students enrolled in Information Technology programs or students who want a more advanced Windows course.

RATIONALE: This course is intended for those who want to learn more about operating systems and how they work and are developed. Also, to teach a more in-depth knowledge of the breakdown of how to get a full grasp on each OS and how to use it to the fullest.

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 students networking standards, concepts, topology and media
•   To expose students to networking theory and protocols on a common network system including IP Routing concepts, Router Administrations, Distance Vector and Link State based IP, routing algorithms and interfaces, routing protocols and configuration, and network security.

Creating A World of Opportunities

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• To help students apply knowledge of what they have learned in a productive professional manner.

MATERIALS AND METHOD OF INSTRUCTION:
No Textbook will be used for this class.

1. Assignments: On-going tutorials and Review Assignments.
2. Quizzes: More times than not quizzes will be given at times when attendance is poor. There will be no making up quizzes.
3. Tests: Will be given as determined by the instructor and will be announced well in advance.
There will be online visuals and activities that will be assigned for the class.

CLASS PROCEDURES: All assignments will be submitted through Canvas. If instructor is out of the class or if you have an emergency, use contact info attached to the syllabus and email or leave message on telephone.
Late Assignments: If you do not turn in assignments in on time, every day they are late one letter grade will be deducted and if enough time passes no credit will be given.

ATTENDANCE & PARTICIPATION: It is highly recommended to attend and participate in class. I have a policy that if you miss more than ten times it is an automatic failure of the course. If you have an emergency and cannot make it to class DO NOT wait until the next day or next class to let me know what happened. DO NOT tell someone else; notify me through Canvas, email or mobile phone.

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%			

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

ACADEMIC HONESTY:

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):
Module 1: Introduction to VirtualBox
Module 2: Windows 10 Essential Learning
Module 3: Windows 10 – What can you do?
Module 4: Windows 10 -
Module 5: Windows 10 - Final
Module 6: Linux Ubuntu – What can you do?
Module 7: Linux Ubuntu -
Module 8: Midterm
Module 9: Linux - Kali
Module 10: Linux - Kali
Module 11: Linux – Kali Final
Module 12: Microsoft Windows Server -
Module 13: Microsoft Windows Server -
Module 14: Microsoft Windows Server -
Module 15: Microsoft Windows Server - Final
Module 16: Final Test/Project

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