CAREER & TECHNICAL EDUCATION (CTE)

Network Administrator (Cert.)

Graduates of the Network Administrator degree, students will be able manage an organization's servers and desktop and mobile equipment. They can ensure that email and data storage networks work properly. They also can make sure that employees' workstations are working efficiently and stay connected to the central computer network.

Upon completion of the program, students will be able to:

- Demonstrate essential IT support skills including installing, configuring, securing and troubleshooting operating systems and hardware.
- Demonstrate the ability to diagnose and solve operating system and hardware problems.
- Demonstrate essential networking skills including installing, configuring, securing and troubleshooting the devices, protocols and services within a network infrastructure.

According the Bureau of Labor Statistics, the median annual wage for network and computer systems administrators was $81,100 in May 2017. The median wage is the wage at which half the workers in an occupation earned more than that amount and half earned less. The lowest 10 percent earned less than $49,830, and the highest 10 percent earned more than $130,200.

Start Your Career Today!

CONTACT INFORMATION

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Room 210

Turtle Mountain
Community College

701.477.7862 | www.tm.edu

Required Courses (32 Credits)

Semester 1

COURSE TITLE		CREDITS
CIS 141	Introduction to Cybersecurity	**3**
CIS 162	Operating Systems	**3**
CIS 164	Network Fundamentals I	**3**
CIS 215	Microsoft Windows Server	**3**
CIS 219	Hardware Repair & Maintenance	**4**
Total Semester Credits		*16*

Semester 2

COURSE TITLE		CREDITS
BOTE 177	Job Readiness	**1**
CIS 147	Principles of Information Security	**3**
CIS 165	Network Fundamentals II	**3**
CIS 168	Firewalls & Network Security	**3**
CIS 216	MS Planning MS Network Infrastructure	**3**
CSCI 101	Introduction to Computers	**3**
Total Semester Credits		*16*

Total Required Credits		**32**