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# IT Network Management

## Overview:

This will allow students to become knowledgeable in networking fields through exposure to new concepts and hands-on experience. These courses that are taught all teach towards the CCNA certifications which can lead to numerous careers in the IT and technology fields. This will allow students to explore detailed planning and implementation of networks leading to roles such as Network Administrator, Network Designer and Network Engineer.

The end of the program will also give participants the opportunity to connect with and engage in a Work Integrated Learning (WIL) project with industry.

## Time Dedication:

This program is a full-time program and there will be substantial work involved outside of the classroom. Students should be prepared to spend up to 3 hours of time outside of class learning these topics. There will be learning outside of class hours as well.

Courses are held Monday to Friday from 8 am – 3 pm except for holidays.

## What to Expect:

These programs will follow along the program set forth by Cisco in its Networking Academy and will be taught by a fully certified instructor. The courses give opportunity for both lecture and hands-on learning. There will be a need for students to practice these skills on their own and to take the practice tests included in the system. The program being used it created by industry to ensure that those completing this program are well versed in what is being looked at by employers.

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## Courses (Description from the Cisco Networking Academy)

<b>Networking Essentials</b>	Learn basic networking concepts and skills you can put to use right away.
<b>CCNA: Introduction to Networks</b>	The first of the 3-part CCNA series is designed to prepare you for entry-level networking job
<b>CCNA: Switching, Routing, and Wireless Essentials</b>	The second of the 3-part CCNA series is designed to prepare you for networking technician job
<b>CCNA: Enterprise Networking, Security, and Automation</b>	The last of the 3-part CCNA series is designed to prepare you for networking analyst & engineering

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### Hybrid Learning:

This program is planned as a hybrid delivery to ensure that learners can have both lecture time and time with the instructor. This is done knowing that many roles within the technology field will potentially be moving remote and wanting to ensure that there is some ability for students to understand and have experience with that.

This hybrid plan will be communicated to the students from the instructor based on what is more beneficial to the learner experience.

These topics are likely new to most, if not all, students and the feelings of no longer being the expert will be tough. It is ok to not know and to fail when trying to learn. We will help you get through that failure to get you to success. You will also find in these programs that the more you learn, the more you discover that can be learned. You will never learn it all, but we will help make you proficient enough to keep learning.