



IoT Specialist C.A.

Curriculum Code: 1713

Effective: Fall 2020 – Summer 2025

Description

The IoT Specialist curriculum prepares students for a career in an expanding field caused by the Internet of Things. IoT is the integrations of sensors, switches, actuators, voice, video, image, and data into both local and global communication networks and can be found in both the enterprise, manufacturing and residential markets. This curriculum provides extensive hands-on training and prepares students for the workforce and for professional certification exams from Cisco, CompTIA and others.

Contact Information

Contact the Computer Information Technologies Program at the West Campus Building, Room M103, telephone number 517-267-6406 or Student Services West Campus, West Campus Building, Room M016, telephone number 517-267-5452.

Program of Study Required Courses

Course Code	Course Title	Credit / Billing Hours
CITN 115	IoT & Automation Fundamentals	5 / 6
CITN 220	Introduction to Networks	3 / 3
CITN 222	Wireless Networking & Security	3 / 3
CITN 225	Switch Route Wireless Essentials	3 / 3
CITN 280	IT Security Foundations	3 / 3
CITP 110	Intro to Programming-Python	4 / 4
CITS 125	Computer Support: A+ Cert Prep	6 / 6
CITS 170	Basic Electronic for PC Repair	6 / 7

Total Credit Hours

33 credits / 35 billing hours

Recommended Course Sequence

Semester I (Fall)	Semester II (Spring)
CITP 110 CITS 125 CITS 170	CITN 115 CITN 220 (First 8 weeks) CITN 225 (Second 8 weeks)

Semester III (Fall)
CITN 222 CITN 280