



**NMC** awards \$1.5 million

# **INDUSTRY CERTIFICATIONS**

NMC partners with the most respected names in the IT industry to make sought-after credentials available to you.



## COMMUNITY **INDUSTRY NIGHTS**

Meet employers and community organizations and talk tech!

Held about once a month, these evening networking events include food and a tour of the employer's facility.



Stackable certificates











### Flexible course formats







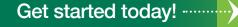


livestream

# **EMPLOYMENT-READY**

"NMC was the best option for me because of the flexible schedules for young adults that are working. CIT is definitely a growing field and there is job security involved."

- Sammi Sortzi. Current CIT Developer student







Affordable degrees in-demand jobs

### We're here to support you:

- > Learn from industry experts
- > Enjoy beautiful Traverse City, MI
- > Live on campus
- > Stop by the Academic & Career Advising Center
- > Meet with a coach at the Student Success Center
- > Explore the many scholarships available



## Connect with us

Northwestern Michigan College

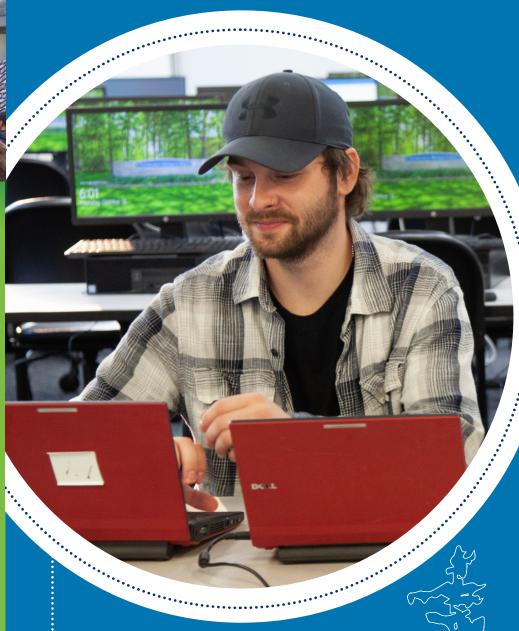






# **COMPUTER INFORMATION TECHNOLOGY (CIT)**

DEVELOPER | INFRASTRUCTURE & SECURITY



ASSOCIATE DEGREE & CERTIFICATES

Two of Michigan's Hot 50 jobs with the best outlook in the state through 2030!



Northwestern Michigan College

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# YOUR PATHWAY to a successful career.

### **DEGREES:**

- > CIT Developer
- > CIT Infrastructure & Security

### **CERTIFICATES:**

- > Computer Support Specialist
- > Cybersecurity Specialist
- > Infrastructure Specialist
- > Office Applications Specialist
- > Web Developer
- > Developer

# Start your journey at NMC:



Complete an associate degree in 2 years.



Learn the skills needed to leverage technology in any business or organization.



Stack certificates toward a more advanced degree.

Community-driven, real-world internship experiences available.

# **>>>>> DEVELOPER**

With NMC's CIT Developer degree, you'll receive a comprehensive background in developing web, desktop and database applications. You'll also be able to learn on the latest desktop hardware and software in an advanced integrated development environment. Flexible course formats can accommodate your busy schedule.



### **SOFTWARE DEVELOPERS**

23% projected job growth thru 2030

 $\checkmark\checkmark\checkmark$ 



### YEAR 1 CIT - Developer, Associate in Applied Science degree

	COURSE	TITLE	CREDITS
FALL	CIT 110 CIT 178 CIT 180 ENG 111 Math Competer CREDITS	Programming Logic and Design Relational Databases Web Development English Composition ncy	3 3 3 4
SPRING	CIT 190 CIT 195 CIT 213 CIT 228 ENG 112 or ENG 220 CREDITS	JavaScript Programming Application Development Networking Technologies Advanced Database Systems English Composition or Technical Writing	3 4 3 3-4 16-17

YEAR 2 CIT - Developer, Associate in Applied Science degree					
FALL	Select TWO of th Any CIT course MKT 208 VCA 125 VCA 127 VCA 150 VCA 147	Web Application Development Object-Oriented Programming (see Gen Ed requirements at nmc.edu/cit) e following specialty electives:  Digital Marketing Typography I Digital Imaging Digital Graphics Design I Web Design I e following directed electives: Accounting Principles I Interpersonal Communications	3 3 4 5-6		
	BUS 231 COM 111 CREDITS	Professional Communications Public Speaking	18-20		
	CIT 280	Systems Analysis and Design	4		
SPRING	CIT 290 PHL 105 or PHL 202 Social Science CREDITS	CIT Internship Critical Thinking or Contemporary Ethical Dilemmas (see Gen Ed requirements at nmc.edu/cit)  TOTAL CREDITS	3 3 3 13 60-63		

# CIT- Infrastructure and Security, Associate in Applied Science degree

	COURSE	TITLE	CREDITS
FALL	CIT 135 CIT 112 CIT 160 CIT 161 CIT 213 Math Competer CREDITS	Intro. to Programming Using Python Scripting and Automation Cisco Internetworking I Cisco Internetworking II Networking Technologies	3 3 3 4
SPRING	CIT 215 CIT 240 CIT 256 CIT 260 BUS 155 CREDITS	Server Technologies Network Security Management Linux Administration Cisco Internetworking III Interpersonal Communications	3 3 3 3 3 15
UMMER	ENG 111 CREDITS	English Composition	4 <b>4</b>

# CIT- Infrastructure and Security, Associate in Applied Science degree

FALL	CIT 243 CIT 247 CIT 263 CIT 264 ENG 112 or ENG 220 CREDITS	Cloud Technologies Windows Identity & Policy Cybersecurity Penetration Testing Cybersecurity Analytics & Threat Analysis English Composition or Technical Writing	3 3 3 3 3-4 15-16
SPRING	CIT 266 PHL 105 or PHL 202 Any Group 1 Any Group 1 CREDITS	Advanced Enterprise Security Critical Thinking or Contemporary Ethical Dilimmas Science course with lab Social Science	3 3 4 3 <b>13</b>
SUMMER	CIT 290 CREDITS	CIT Internship  TOTAL CREDITS	3 3 66-67

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### **INFRASTRUCTURE & SECURITY**

& Security degree you'll learn understanding of cybersecurity, and scripting. Flexible course



### **INFORMATION SECURITY ANALYSTS**

28% projected job growth thru 2030

Median wage

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For workers in Michigan according to the U.S. Bureau of Labor statistics



