

Northwestern Michigan College CIT Infrastructure & Security Program

Program Learning Outcomes Map (Fall 2022)



Course #	PLO1 Networking			PLO2 OS			PLO3 Cloud			PLO4 Security			PLO5 Scripting			PLO6 Proj Mgmt			PLO7 Teamwork			PLO8 Comm.			PLO9 PD			Certification Options *	GenEd Outcomes					
	I	D	M	I	D	M	I	D	M	I	D	M	I	D	M	I	D	M	I	D	M	I	D	M	I	D	M		Comm.	Critical Thinking	Quantitative Reasoning			
CIT 135																															OD-303 (ITS) Python			
CIT 112																																		
CIT 160																																		
CIT 161																																		
CIT 213																																		
CIT 215																																		
CIT 240																																		
CIT 243																																		
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CIT 256																																		
CIT 260																																		
CIT 263																																		
CIT 264																																		
CIT 266																																		
CIT 290																																		

Program Learning Outcomes

- Networking** - Utilize standard processes, tools, and skills required to implement and administer Local and Wide Area Networks.
- Operating Systems** - Utilize standard processes, tools, and skills required to implement and administer Operating Systems.
- Cloud Computing** - The student will utilize standard processes, tools, and skills required to implement and administer Cloud Computing Systems
- Cybersecurity** - Utilize standard processes, tools, and skills required to secure systems, end-devices, and networks
- Scripting & Automation** - Utilize scripts to automate processes used in Information Technology
- Project Management** - Employ common industry tools and techniques for project management.
- Teamwork** - Function effectively as a project team member.
- Communications** - Communicate effectively.
- Professional Development** - Develop industry based resources for their ongoing professional development and networking.

* Some certifications are required in the course, and others are optional.

Key

- I = Introduce
- D = Develop
- M = Master