Minnesota State Community and Technical College

Meeting Name:	**Moorhead Advisory Committee Meeting**	Date:	February 7, 2025
Facilitator:	Tim Preuss	Time:	1:30 PM – 3:30 PM
Recorder:	Tim Preuss	Location:	In Person and Zoom Meeting
Members	James Anderson, Bruce Curtis, Greg Depee, Wyatt Johnson, Mo Sam, Ben Svobodny, Jack Wenglewick, Tim Jaafaru, Jason Peterson, Akinboye Yusuff, and Tim Preuss		
Purpose Statement	Industry provide input and recommendations for IT program updates and future direction		

No.	Topic	Highlights
	Meeting Called to order	Motion to call meeting
1.	Welcome Members	James and Tim welcomed all members
2.	Given Artificial Intelligence, what are the expectations of new hires?	• Students should know what happens to data input into AI systems. • Students should use AI. • Students should understand data containerization in AI. • Students should evaluate the output for accuracy • Students should understand AI training needs. • Must use contained AI for enterprise, not public AI • Need to understand DeepSeek and other home base and how you are paying for use.
3.	What is the worst technology on your mind?	• IPv4 addressing • All vendors because of overpromising/under delivery • Immutable backups and air gaps because of ransomware • Using Zoom for phone system

4.	What is the best technology holding your attention?	• Using Varonis for data protection and classification • Replacing ESXi with Nutanix • Using the network to deliver classroom AV • Not much compression • 5 pods in room with display and capture devices • Layer 3 multicast • Can fill the link quickly
5.	What technology/function should M State be teaching?	• C# and Microsoft stack • PowerBI • Cost Benefit of on premises or cloud (a couple of members are moving from cloud to on premises because of cost) • Zero trust and multi factor authentication • Students need to be on linkin • Students must be careful what is posted on social media • SAP or ERP software • Interviewing Skills
6.	Other technology discussion	• During account review with security firm, offer of ransomware negotiations service • Attackers slowly turn off notifications and corrupt backups before major attack
7.	Computer Programming Curriculum update	Jason presented proposed changes to the Computer Programming curriculum Jason Peterson can provide a copy of the changes. Comments Like the new curriculum, programming logic is needed Like Software Engineering integration Process analyst between programming/program management and management Is there any discussion of service bus Agree this is needed No class right now Varonis uses rabbit mq Like it (new curriculum) Do students like general education in first semester Students really need English and speech to help with communication COVID had a major impact on students

		Faculty told the advisory board students asking why they need English and speech are told the advisory board said so. The board continues to support English and speech classes. Is Introduction to Programming Logic offered outside IT majors? Yes New Americans need more exposure to area colloquialisms Wyatt like the new curriculum Greg liked the new curriculum
8.	Other programs	• No changes in other programs • No discussion
9.	Program Needs	• Discussed field trip and guest speaker opportunities • Need to be specific in needs • Discussed hardware needs • Discussed internship and entry level job needs
10	Next Meeting: Late September or Early October	

Note: To-Do Items listed in Bold

• Update the Computer Programming curriculum
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