

# **Computer & Network Technology**

## **Advisory Committee Meeting 10/27/2014**

### **Minutes**

#### **Attending:**

Don Campbell, Faculty  
Matthew Zirnhelt, 2<sup>nd</sup>-year student  
Bert Burkholder – Black Gold Farms, Inc.  
Mark Meuleners - Faculty  
Richard Hassett – 2<sup>nd</sup> year student  
Don Fischer - Faculty  
Jared Larsen – 2<sup>nd</sup> year student

#### **Absent:**

Karla Hammer  
Heidi Ballinger  
Ken Satkunam  
Brian Woinarowicz  
Joanne Johnson  
Arron Harlow  
Jeff Compton  
Bryan Trosen

Reviewed the Minutes from March 25, 2014 Meeting – Approved minutes as recorded.

Reviewed Computer & Network Technology AAS program material

1. Discussed general program information to orient new committee members
2. Discussed courses that apply to the program and their content relative to current and emerging industry needs.

Reviewed Cisco Certificate program and Cisco classes for Computer & Network Technology program.

1. Reviewed objectives of new Networking I, II, III, and IV courses under the new Cisco program.
2. Discussed how the new organization of the training provides a solid theoretical and practical base for students seeking internships after completing their first year of the program.

Discussed the possibility of creating additional programs or certifications given the availability of industry-accepted programs of study. In particular, Healthcare Information Networking and Cisco CCNA security were discussed.

1. Industry representative was positive, noting that IP Telephony would also be an additional certification to consider.
2. Students in attendance were polled to see if, upon completion of their current programs, they would be interested/consider attending Northland for an additional semester to complete additional certifications. About 30% responded that they would be interested in doing so.

Reviewed the industry trends that had been identified in past meetings.

1. Noted ways that we are currently covering related materials in the current program.
2. Discussed emerging trends within the industry.

3. Added IP Telephony to the Industry Trends that should be followed and addressed where possible.

Gratitude to the attendees / adjourn

Respectfully submitted by Mark Meuleners

## Industry Trends and Needs:

Concept	Coverage
Cloud/Virtual Machine Concepts OpenStack Cloudstack KVM Puppet	Exposure to Virtual Machines in Micro, Network, and Unix Operating System courses.
Mobile applications with ties to Enterprise Applications	
Unified (E-mail) Communications	
Patch Distribution Concepts	Briefly discussed in Network Operating System course.
Disaster Recovery	Backup concepts discussed in Network Operating System and Network Security Courses course.
Data Protection	Shadow Copies discussed in Network Operating System course. Security covered in Network security course.
Data Movement	
Network Monitoring Quarantine Client RMM – Remote Monitoring & Management	
Transition from unmanaged to managed clients	
Automated deployment, update, and management	Microsoft deployments discussed in Micro Operating System. FOG discussed in UNIX.
Business Partnerships for student-assisted projects	Capstone course composition. Internship programs
IP Telephony	