

Computer & Network Technology

Advisory Committee Meeting 3/24/2015

Minutes

Attending:

Don Campbell, Instructor
Mark Meuleners, Instructor
Richard Hassett, Second-year Student
Joanne Johnson, Polk County
Jared Larsen, Second-year Student
Jeremy Ouren, First-year Student

Absent:

Don Fischer
Karla Hammer
Bryan Trosen
Ken Satkunam
Brian Woinarowicz
Jeff Compton
Matt Schumaacher
Bert Burkholder
Heidi Ballinger
Aaron Harlow

1. Reviewed and approved minutes from October 27, 2014 Meeting
2. Reviewed Computer & Network Technology AAS program material
 - a. Discussed general program information
 - b. Discussed courses that apply to the program
 - c. On-line High-School Courses
 - i. Discuss revision of Information Systems It was noted by a parent in the group, that the selection of courses in the high school is very broad. Some of the concepts we are looking at in the revised information systems course may be an overlap/rehash of material that they have already had in other high school courses.
 - ii. For young adults, instant gratification is important. Such as creating their own e-mail account, or having something tangible that they can immediately apply (programming skills). Ideas:
 1. Have them program simple games or fun things using Visual Basic.

- a. Start with students copying simple scripts.
 - b. Progress to a more “open” assignment.
 - 2. Project management skills may also be immediately applicable.
 - 3. Provide access to free materials
 - a. Trial versions of Microsoft Project or Visual Basic.
 - b. Adobe/Movie maker/Slideshow
 - iii. Discuss revision of Web Concepts
 - 1. Possibility of an HTML coding course
 - 2. Drawback is that currently, Web Concepts is focused more on learning a single product, and not the concepts of what is happening underneath.
- 3. Discussed Industry Trends and Needs
 - a. Need for training on additional MS Office applications (like OneNote)?
 - i. Within Polk County,
 - 1. OneNote is gaining traction
 - 2. SharePoint – Formalized training is difficult to find.
 - a. Need people who actually know how to implement the creative ideas that people have for it.
 - 3. Adobe Acrobat – Skills to be able to go in and edit documents.
 - b. New Employee Readiness: What are the most common “shortfalls” in your new employees?

- i. Experience in hiring at this time is simply a lack of applicants. In the rural areas, wages are limiting the number of interested applicants.

- 1. People applying have minimal skills

- b. New Ideas/Developments. – None offered.

- 4. Questions/Answers- None offered.

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	