Computer & Network Technology
Advisory Committee Meeting 3/25/14
Minutes

Attending: **Absent:**

Arron Harlow, Polk County   Heidi Ballinger

Brian Woinarowicz, Networking Specialists, Inc.

Bryan Trosen, Amazon

Don Campbell, Faculty

Don Fischer, Faculty

Jared Larsen, 2nd Year Student

Jeff Compton, Grand Forks Public Schools

Joanne Johnson, Polk County

Karla Hammer, FDIC

Ken Satkunam, Northstar Technology Group, Inc

Mark Meuleners, Faculty

Matthew Zirnhelt, 2nd Year Student

Richard Hassett, 1st Year Student

Review Minutes from 10/29/2013 Meeting

1. Recapped OS training selections

2. Minnesota 60/120 credit requirement changes

    a. Classes removed as requirements

    b. Additional Certificate offerings ran into administrative issues.

3. Cisco Curriculum changes

    a. Cisco's redesign of the Certification Program and its effect on course sequencing

    b. Don Campbell is working on the course redesign.

Review Computer & Network Technology AAS program material

1. Discuss general program information

2. Discuss courses that apply to the program

    a. Change to Office 2013 for Intro to Computers (Fall 2014)

    b. Review changes in program that will happen Fall of 2014.

        i. Remove 6 credits (2 classes from program) (classes still available as Tech Elect)

            - Intro to Computers

            - Databases

c. Review Cisco Certificate program and Cisco classes for Computer & Network Technology program.

    i. Spring of 2015, Networking II will be Routing & Switching (Course Change)

    ii. Spring of 2015 Networking IV will be Connecting Networks (New Cisco Curriculum Change, Should be an update to current course.)

    iii. Fall of 2015 Networking III will be Scaling Networks (Course Change)

    iv. Summer 2015 Schedule change to offer new Networking II (Routing & Switching) instead of in the fall of 2015 with Networking III.

Ideas / Thoughts / Suggestions

1. Review Previous Suggestions:

    a. Cloud/Virtual Machine concepts

    b. Mobile applications with ties to Enterprise applications

    c. Unified (E-mail) communications

    d. Patch Distribution concepts

2. New ideas for areas of study/course coverage.

    a. Disaster Recovery

    b. Data Protection

    c. Data Movement

    d. Network Monitoring – exposure to multiple tools desired

        i. Quarantine client

        ii. RMM – Remote Management and Monitoring tools

    e. Transition from unmanaged to managed clients (computers, laptops, pad, smartphones)

    f. Exposure to a number of virtualization technology OpenStack, Cloudstack, KVM, Puppet

    g. Automated deployment, update, and management

    h. Business partnerships for student-assisted projects

        i. Discussed the capstone course composition.

        ii. Discussed the internship programs

  g. External Resources to point students too:

    i. Federal Government NIST

    ii. Healthcare Information and Management Systems Society

    iii. Department of Homeland Security – including free stuff

Questions/Answers

Gratitude to attendees / adjourn

Respectfully submitted by Mark Meuleners