**Information Technology Advisory Meeting**

Fall 2015 Meeting Date

September 29th @ 6:30 in room B150

Minutes Taken By: Dave Hjalmquist

Additional minute notations: Tim Preuss

**Attending**

Steve Erickson – M State Administration

Tim Preuss – M State Instructor

Deb Flaskerud – M State Instructor

Dave Hjalmquist – M State Instructor

James Anderson – City of West Fargo & Chairperson

Travis Thomas – First International Bank

Daniel Neumann – First International Bank

Bruce Curtis – NDSU

Andrew Haugen – John Deere

Caleb Noenning – MState Student

Dilip Apte – Business Software

Don Steiha – Titan Machinery

Johan Lucas - Hogan Infrastructure Management

Randy Holcomb - Core Banking Systems Administration - U.S. Bank

**Agenda**

The detail agenda can be found at: <http://brazil.minnesota.edu/advisory/advisory.html>

**Advisory Member Functions**

Identify specific subject areas of program inclusion

Prioritizing the recommend subject areas

Specifying appropriate program content level

Reviewing program outcomes on an ongoing basis

Assessment of program quality

Specifying appropriate foundational skill standards for local needs

Identifying general education and related technical skills needed by graduates

Recommending equipment to support the program content

**Discussion**

James Anderson welcomed everyone

Deb Flaskerud moved and Don Steiha 2nd a motion to approve the minutes from the Spring 2015 Advisory Board meeting, motion carried

Tim show the data for retention rates and Steve talked about the retention rates and said we are about 40% for MState which was slightly above average

There was discussion concerning graduation and retention rates among the group

Deb mentioned that students that were close to graduation and got jobs would not graduate even though they were a few classes short because they got a job. There was group discussion concerning this issue

Tim talked about career fairs

Steve talked more about graduation and where recent graduates where employed at

Tim started the discussion on curriculum guidelines

There was group discussion on moving off older platforms and the pros and cons of that and could that be done in a 2 year program

Deb said we are in a holding pattern and there wasn’t any curriculum changes currently being proposed

It was mentioned that COBOL would be in strong demand for the next so many years

James mentioned that MState should promote that we have COBOL to attract potential employees form businesses

Concerning Network Administration and Security Tim talked about some potential changes, one of them was to bring it to a 60 credit program and add some technical electives

Tim went thru the courses that make up the Network Administration and Security program

It was mentioned that there should be an emphasis on secure programming in the programming languages

Security should be a base line component in most courses

Microcomputer OS course not being offered anymore, Tim threw it out, the group was OK with the idea. The Robotics course would be the replacement. The idea is to add more programming to the program.

Steve asked if there was enough security in the Network Administration and Security program, the group was OK with the amount of security

Steve said if you donate any equipment MState gets matched one for one in dollars

Other Topics to incorporate in classes somehow

* Legacy languages and operating systems
* Secure programming is essential from the beginning
* Vulnerability scanning
* Data governance
* Data privacy, especially multination issues
* SOX and HIPPA
* Data Classification
* Performance testing & visibility
* Automating tasks
* PCI-DSS familiarity
* Software Defined Perimeter
* Mobilizing web information
* Introduction to data science
* Customer Relationship Management
* Project management activities