**Information Technology Advisory Meeting**

Spring 2015 Meeting Date

February 9th @ 6:30 in room B150

Adjourned @ 8:35

Minutes Taken By: Dave Hjalmquist

**Attending**

Tim Preuss – M State Instructor

Chris Goltz – M State Instructor

Deb Flaskerud – M State Instructor

Dave Hjalmquist – M State Instructor

Janet Johnson – M State Instructor Wadena – **attended online**

James Anderson – City of West Fargo & Chairperson

Don Stieha – Titan Machinery

Linette Dahl – Appareo Systems

Bjorn Heide – Volt

Kyle Rodriguez – Volt

Barb Halverson – Bolder Thinking

Arday Ardayfro – Blueprint IT Solutions

Jake Jaraastad – Myriad Mobile

Bill Zumwalde – Otter Tail Power

Bruce Curtis – NDSU

Johan Lucas – **attended online**

Randy Holcomb – **attended online**

**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 and there were introductions

Barb Halvorson moved and Don Stieha 2nd a motion to approve the minutes from the Fall 2014 Advisory Board meeting, motion carried

Tim Preuss will be updating the Advisory Board member list

There was discussion on the graduation rate data of the IT programs, some expressed concern that the numbers didn’t look right. Deb Flaskerud is going to do some further checking.

Discussion on skills needed for an associate degree to get a job

James Anderson suggested a background in troubleshooting skills

Don Stieha mentioned that learning the business, interacting with people and a desire to learn on your own are skills his business likes

Students need the ability to learn.

Bill Zumwalde suggested more security in the database classes. Dave Hjalmquist mentioned that very little security is covered in the database classes.

We went thru all the Computer Programming classes detailing what they entail for the group as requested by Jalen Jaraastad. There was discussion about each class.

Linette Dahl asked about and suggested the following.

Teaching Agile Project Management

* Scrumm, Scrumbar and Kanban
* Understanding common concepts

Universal PM needs in the area

* Professional Development opportunities for Community College to help a course along w/students to give a course enough enrollees

Business intelligence was brought up.

Randy Holcomb mentioned he would like to see Fundamentals of Transaction Processing

Bill Zumwalde started a discussion on what security issues were addressed in the classroom. Chris Goltz mentioned that in all our programming classes’ security is discussed.

Jalen Jaraastad mentioned the Network Security class would be good for the Computer Programming AAS students to take as a technical elective

There was discussion that if a Topics in Computers class was run for a specifically needed subject such as security, advance mobile apps, etc. that it needs to be run for the benefit of the students because they need those skills.

Bruce Curtis talked about what IT classes would be good technical electives for Computer Programming AAS students such as Robotics.

Tim Preuss and the group discussed the ACMTC Competency Model

Deb Flaskerud said the new Computer Programming AAS program is up and running with several students already signed up for it.

Tim Preuss mentioned that the IT AS program now requires College Algebra.

There was general group discussion on future trends and technologies.

Students should have troubleshooting/logic skills.

Students should be able to adapt to the next technology.

Students should know something about Quality of Service.

Students should know basic project management.

Students should know about IPv6.

Students should know about PowerShell environment.

Bill Zumwalde said that what wouldn’t change in the next few years would be the logical skills and troubleshooting skills students will need.

Barb Halverson and Don Stieha 2nd a motion to adjourn the Advisory Board meeting, motion carried

* The notes in blue are from Tim Preuss notes and recollection after the meeting.