**Information Technology Advisory Meeting**

**Fall 2009 Meeting Date**

**September 23, 2009 @ 6:00 pm Room B150**

**Minutes Taken By: Dave Hjalmquist**

**Attending were the following (12 attendees)**

Tim Preuss – M State

Deb Flaskerud – M State

Chris Goltz – M State

Dave Hjalmquist – M State

Randy Johnson – M State

John Centko – M State

Dave Owings – BCBS

Kris Boland – Nodak Mutual

Nick Dyrendahl – Flint Communications

Dilip Apte – Business Software

Don Stieha – General Equipment

Bruce Curtis - NDSU

**Agenda for Fall 2009 Meeting**

1. Election of a new Chair
2. Information Technology math requirements update
3. Important processes and/or technologies
4. Committee members questions & recommendations about curriculum
5. Advisory Chair responsibilities
6. Lead the advisory meeting or designate another meeting leader
7. Review the meeting agenda before publication
8. Review the meeting date and time before publication
9. Make necessary recommendations for improvement
10. Advisory Member Functions/MSCTC Advisory Committee Guide
11. Identify specific subject areas of program inclusion
12. Prioritizing the recommend subject areas
13. Specifying appropriate program content level
14. Reviewing program outcomes on an ongoing basis
15. Assessment of program quality
16. Specifying appropriate foundational skill standards for local needs
17. Identifying general education and related technical skills needed by graduates
18. Recommending equipment to support the program content

**Notes and Comments**

1. Kris Boland is the new Chair of the Advisory Board for 2009-2010
2. Tim Preuss talked about the IT math changes in the program
3. Dilip said students should know basic Algebra
4. Deb said students sometimes wait until their last semester to take their math and she feels they should take it before they start or in their first semester
5. Kris Boland recommends students take World of Math her reasons are
   1. Problem solving skills, inductive & deductive reasoning
   2. Set operations, queries
   3. Logic, IF/THEN/ELSE
   4. Binary and hexadecimals
6. Deb would like to see College Algebra as a required math class
7. Dave Owings said the Linux class has been very beneficial for students they have hired
8. Dave Owings said they are going to have someone just in charge in cell phones, Blackberries, etc and a class dealing with all facets of cell phones, Blackberries, etc might be a good idea as more companies may go this route
9. Dave Owings said BCBS will be jumping on the Twitter, Facebook, My Space bandwagon
10. Don said two equipment dealerships are selling equipment thru Facebook. Don says Facebook is starting to gear more towards the corporate world
11. Bruce talked about virtual environments and issues with them
12. Nick also talked about virtual environments and said they are the way to go right now
13. Nick would like to see in the System Projects class a project to merge environments
14. There was a group discussion on voice recognition software and using it in class
15. Nick asked if there was a Mac class that dealt with networking
16. Nick asked about Windows 7 and if the school will be using it
17. Kris said some of the skills Nodak Mutual is seeing a demand for are
    1. Free Format RPG
    2. WebSphere Development Studio
    3. PHP
    4. RPG Programming
18. There was discussion on using PEARL
19. There was some discussion on running a PHP class if the demand was there
20. Dave Owings mention that he feels a need for students to have some customer service training, “human skills”
21. Deb and Tim asked for the groups reaction to running the entire IT program online
22. Don said you need a blend of online classes and face-to-face classes
23. Nick and Bruce said on the networking side they recommend it be hands on
24. Deb said she can see where the programming side works well for online classes but networking provides more hurdles
25. Tim said the class that where the students build their own computer would be better in class than online
26. Randy said that teaching an online class is harder because you are answering the same questions over and over again
27. Tim will contact Kris this winter concerning the next Advisory Board meeting
28. Kris Boland adjourned the meeting at 7:50PM