**Information Technology Advisory Meeting**

**Fall 2011 Meeting Date**

**October 12 @ 6:30 in room B150**

**Adjourned @ 8:15**

**Minutes Taken By: Dave Hjalmquist**

**Attending were the following**

Tim Preuss – M State

Deb Flaskerud – M State

Chris Goltz – M State

Dave Hjalmquist – M State

Randy Johnson – M State

John Centko – M State

Kris Boland – Nodak Mutual Insurance

Bruce Curtis – NDSU

Don Stieha – Titan Machinery

Brian Kappel – Fargo Public Schools

Quentin Conklin – Ulteig Engineering

Arday Ardayfio - IMS

Joe Anderson – City of West Fargo

**Agenda for Fall 2011**

MSCTC welcome

Introductions

Important processes that need to be taught to beginners

Programming changes/updates

Information Technology changes/updates

Committee member’s questions and recommendations about curriculum and instruction

**Advisory Member Functions (MSCTC Advisory Committee Guide)**

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

**Summary of Comments**

* Introductions
* Tim – talked about the flow of the meeting and what will be covered
* Don – his Help Desk gets a lot of calls concerning Blackberry’s, smart phones
* Arday – need for mobile security
* Tim – do we need a whole class on apps for mobile, security, mobility
* Quentin – would like to keep Java
* Quentin – security is a concern no matter what course is being taught
* Arday – a need for database architecture
* Tim – we are going to at least touch security in all of our classes
* Chris – Web Engineering will be a foundational class for mobile apps
* Chris – discussed HTML5
* Deb – we are working on re-writing on Computer Programming program
* Deb – it should include more database and mobile applications
* Chris – C++ discussion with the group
* John – talked about Gen Eds and Gen Studies and how they have changed concerning AS degrees and diploma’s
* Instructors – discussed what is taught in each of their classes to the group
* Brian – is willing to donated some computers for the Maintenance class
* Chris – Scripting class is being developed, still evaluating what scripting language to teach, Chris is thinking Python, maybe PowerShell
* Quentin – PowerShell instead of Python
* Bruce – making sure documentation is required in the System Project class, Tim says yes
* Tim – still trying to decide if he wants students to take the System Project class or another technical elective
* Kris – one good thing about the System Project class is you are required to work in a group in order to complete the project, shows students how to work as a team on a project
* Tim – asked for project suggestions from the group
* Brian – in Network Security class suggested playing “war” games against others in the class to attack their security
* Bruce – stress “best practices”
* Kris – an Ethics class would be a better fit than a Psychology class
* Group – discussion on Ethics vs. Psychology pros and cons
* Chris – maybe add an Ethics section to the Information Systems class

**Any other notes from the other instructors**