**Information Technology Advisory Meeting**

**Fall 2010 Meeting Date**

**October 12, 2010 @ 7:05 pm Room B142**

**Adjourned at 9:15 pm**

**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 (could not attended because of a family medical emergency)

John Centko – M State

Kris Boland – Chair

Arday Ardayfio

John Rodenbiker

Barb Halverson

Ryan Stall

Rick Johnson

Don Steiha

Nick Dyrendahl

Tim Sanden

John Steiner

Brian Kappel

Bruce Curtis

**Agenda for Fall 2010 Meeting**

1. MSCTC welcome
2. Department wiki recommendations
3. Important processes and/or technologies (members talk about important technologies and procedures in their operation)
4. Committee members questions and recommendations about curriculum and instruction
5. Advisory Member Functions (MSCTC Advisory Committee Guide)
6. Identify specific subject areas of program inclusion
7. Prioritizing the recommend subject areas
8. Specifying appropriate program content level
9. Reviewing program outcomes on an ongoing basis
10. Assessment of program quality
11. Specifying appropriate foundational skill standards for local needs
12. Identifying general education and related technical skills needed by graduates
13. Recommending equipment to support the program content

**Notes and Comments by Particpants**

1. Tim – asked for introductions by all participants
2. Deb – changing Cobol from Cobol I and Cobol II to just one Cobol class with more credits
3. Nick – what about C Sharp
4. RPG – closest school that teaches it is most likely in Minneapolis, Wahpeton doesn’t have it any more
5. XML, Java, mobile – more demand for these
6. John - Application Security, none of our classes say anything about security on the programming side
7. Deb – Cobol students are usually hired before they graduate
8. Don – 90% of interfaces are using XML
9. Chris – about 10 years ago we had an XML class do we need a class again? Group said you don’t necessarily need a whole class for XML
10. John – need source control, checking out code and checking it in
11. Chris – C Sharp has been talked about at other advisory meetings
12. Who uses Java – 2, C Sharp – 3, VB – 2, RPG - 3
13. John – what about scripting?
14. Kris – bosses wish list RPGIV and RPGFree, SQL, XML, integration
15. Kris – teach how to modify programs
16. Don – security is important throughout the IT area at a company
17. Nick and John – do we need the Word and Spreadsheet class?
18. Can we change Microcomputer Database from Access to SQL?
19. Chris – we teach the SQL language itself and not report generation
20. Nick – SQL and Java most applicable
21. Ryan – we expect the foundation for technology and not in specific areas
22. Ryan – IT personnel should be able pickup and do Word and Excel so maybe that class isn’t needed
23. Deb – wants to keep College Algebra
24. Kris – World of Math teaches problem solving skills, Kris and Don think all IT and programmer students should take this class
25. John Centko – students coming in might have to take 2-3 extra math classes prior to College Algebra, which could discourage them or set them up to fail or quit
26. Kris – World of Math has logic problems and problem solving skills
27. Kris – Don Drummond teaches World of Math
28. John Centko – Don Drummond is an excellent instructor
29. Tim – went through the IT classes explaining what they entail
30. Can Microcomputer Operating Systems and Network Operating Systems be combined into one class?
31. Tim and Chris – they are using VMware in some of the classes
32. Tim – teaching Sharepoint, used to teach Exchange
33. Nick and Rick – if teaching Exchange or Sharepoint need to teach Powershell
34. Barb – are you doing IPv6 in the spring?
35. Chris – can we replace Cisco 1? Others – you need to keep the Cisco 1 class
36. Tim – not a lot of students doing the Cisco exam so we decided to eliminate Cisco 2-3-4 classes
37. Tim – using Cisco 1 to get the basics
38. Tim – if someone gets the A+ they have gone above and beyond the curriculum
39. John Centko – explaining IT Diploma vs IT AS
40. Talk among everyone on having a “degree” versus a “diploma”
41. John Centko – diploma will have more technical components
42. Brian – seems everyone wants a associates degree
43. Tim – I will probably start working on the outline of an AAS
44. John Centko – under the advisement of the Advisory Committee the diploma can be phased out
45. Rick – said the writing skills are critical
46. Barb – make documentation a part of the systems project
47. Tim S– new hires do not have the ability to prioritize
48. Discussion about ITIL
49. Deb – brought up about putting the IT program online, group discussion on the issue
50. Barb – got more out of the IT being in class with the discussion and group projects, doesn’t think that online students would learn as much
51. Tim – we have had thoughts on starting a GIS program, is there other programs we should be looking into?
52. Chris – database and security programs maybe