Information Technology Advisory Meeting

Fall 2016 Agenda Version C

October 13, 2016 @ 6:00 pm

MSCTC Moorhead B150

**Agenda for fall 2016**

* MSCTC/M State welcome
* Introductions
* Review/Revision/Approval of last meetings minutes
* Membership list additions and/or removals
* WebEx procedure – virtual attendees
* Curriculum Updates
  + This meeting is meant to help finalize the curriculum change for Network Administration & Security and Information Technology programs. A survey is available for each program to gather comments from advisory group members. Information is welcome from all members.
  + [Curriculum Change Proposal 01](http://brazil.minnesota.edu/advisory/fall2016/curriculum_update_01.htm) (This is both Information Technology and Network Administration & Security)
  + Network Administration and Security – AAS
    - Current curriculum review/discussion
    - <http://brazil.minnesota.edu/curr/nat_aas_fall2015.pdf>
    - Committee Recommendations
    - [Network Administration & Security Survey Form](https://forms.office.com/Pages/ResponsePage.aspx?id=oOgknmFNfkSoahNJCVSlNDHIMsekh6NLs-BTNl2cngxUM0MwOTdCUVVOQzlCUUpSSE5JS01VUEkyMi4u)
  + Information Technology – AS
    - Current curriculum review/discussion
    - <http://brazil.minnesota.edu/curr/IT_AS_fall2015.pdf>
    - Current articulation agreement expires May 30, 2018
    - ACM SIGITE guidelines on http://brazil.minnesota.edu/advisory/
    - Committee Recommendations
    - [Information Technology – AS Survey Form](https://forms.office.com/Pages/ResponsePage.aspx?id=oOgknmFNfkSoahNJCVSlNDHIMsekh6NLs-BTNl2cngxUQzJNSDkyUTFaVEJHWDNNMDZZVDIxVEVZWS4u)
* Curriculum
  + Computer Programming – AAS
    - Current curriculum review/discussion
    - <http://brazil.minnesota.edu/curr/CP_AAS_2016.pdf>
    - Committee Recommendations
* Discussion: Identify current and future trends/technologies
  + What technology/concepts must students master before graduation?
  + What technology/concepts should be considered for student mastery before graduation?
  + What technology/concepts are no longer necessary for student mastery before graduation?
  + “As cloud deployments evolve and fragment into an era of interconnected clouds, the changing role of Information Technology as the architect and broker of services is more critical than ever before.” Miller, Lawrence, C. “Hybrid Cloud for Dummies”. NetApp Edition, Wiley, 2014.
  + The following are curriculum standards used in curriculum design.
    - <http://ccecc.acm.org/files/publications/ACMITCompetencyModel14October201420150114T180322.pdf>
    - <http://ccecc.acm.org/guidance/software-engineering/objectives/>
* Other Notes
  + Currently the plan is conduct the fall meeting at night and the spring meeting on early Friday afternoon.
  + What is the group opinion of holding separate Computer Programming and Information Technology advisory meetings?
  + A professor is considering hosting a conference for businesses about DevOps and related topics. What is this group’s interest level?

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