Information Technology Advisory Meeting

Spring 2018 Agenda Version

February 23, 2018 @ 1:00 pm

MSCTC Moorhead B150

**Agenda for spring 2018**

* MSCTC/M State welcome and updates
  + Communications Check (Audio and Video)
  + Additions/approval of agenda
    - *M State is requesting more input from advisory committees. What topics would the members wish to discuss?*
  + Approval of last meeting minutes
  + Introductions and membership list updates
    - *Note: MState recommends a sign in sheet. Please bring or send a business card so we may populate the sign in sheet, thank you.*
* Chair/Vice Chair discussion/elections
  + *Note: MState recommends each committee have a Chair and a Vice Chair. Currently, this committee only has a Chair.*
* Program Updates/Changes since last meeting
  + Computer Programming – AAS
    - <http://brazil.minnesota.edu/curr/CP_AAS_2017.pdf>
    - This is a review of the current curriculum.
  + Information Technology Database Administration – AAS
    - <http://brazil.minnesota.edu/curr/IT_database_fall2017.pdf>
    - This is a review of the newly adopted curriculum.
  + Network Administration & Security – AAS
    - <http://brazil.minnesota.edu/curr/nat_aas_fall2017.pdf>
    - Minnesota is beginning work on a statewide pathway for security education. The plan is associate degrees easily leading to bachelor degrees easily leading to master degrees.
  + Information Technology – AS
    - <http://brazil.minnesota.edu/curr/IT_AS_fall2017.pdf>
    - Articulation agreement update
  + Network Security – Certificate
    - <http://brazil.minnesota.edu/curr/netsec_certificate_fall2015.pdf>
    - At some point, the Minnesota security pathway may include certificate programs leading to associate degree programs.
  + Cisco Certificate
    - <http://brazil.minnesota.edu/curr/cisco_fall2012.pdf>
  + 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/>
* Discussion of Student and Program Graduate Performance
* Enrollment (Fall 2017):
  + Cisco Certificate: 6
  + Computer Programming: 35 online, 63 Moorhead
  + IT-DBA: 1
  + IT-AS: 55
  + NAS: 33
  + Sec. Cert: 2
* Retention (3 yr combined data): Fall to Spring, Fall to Fall
  + Programming Online: 59%, 50%
  + Programming Moorhead: 53%, 40%
  + IT-AS: 67%, 64%
  + NAS: 68%, 65%
  + For the remaining programs, there is too little information for retention rates.
  + Placement Rates
  + Advisory Committee Survey Results
* Discussion of Industry Trends
  + What is the group’s current perspective on entry-level jobs in the field?
  + What technology/concepts must students master before graduation?
  + What technology/concepts should students master before graduation?
  + What technology/concepts are no longer necessary for student mastery before graduation?
  + What advice does the group have for IT area entry-level job seekers?
* Course and Program Plan Review
  + Note: MState recommends advisory committee setup a rotating schedule for reviewing course and program plans.
* Program Outcome Review
  + Note: MState recommends advisory committee setup a rotating schedule for reviewing program outcomes.
* Program Needs
  + Partnerships
  + Equipment
  + Recruitment
  + This is a call for Internships and entry-level job opportunities for M State students.
* Other
* Next Meeting Date

Actions Items

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