Information Technology Advisory Meeting

Fall 2018 Agenda

October 23, 2018 @ 6:30 pm

MSCTC Moorhead B150

**Agenda for fall 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.*
  + College update
* Chair/Vice Chair discussion/elections
  + *Vice Chair progress report*
* Discussion of Industry Trends
  + What are the essential topics of cloud computing for Associate degree students?
  + Which cloud(s) providers should MState focus?
  + 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?
* MState Customer Service, ethics, writing and speech class review
* 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>
* Discussion of Student and Program Graduate Performance
  + Completion Data

**Cohort, MAJOR ID 1, MAJOR DESC 1, Major Description, Students, 2 YR Completion Rate, 3 YR Completion Rate, Completion Rate to Date**

Fall 2012, I165, Cptr Prg-AAS, Computer Programming-AAS, 7, , 14%, 43%

Fall 2013, I165, Cptr Prg-AAS, Computer Programming-AAS, 6, 33%, 50%, 67%

Fall 2014, I165, Cptr Prg-AAS, Computer Programming-AAS, 14, 7%, 21%, 21%

Fall 2015, I165, Cptr Prg-AAS, Computer Programming-AAS, 10, 30%, 40%,

Fall 2016, I165, Cptr Prg-AAS, Computer Programming-AAS, 20, 25%, ,

Fall 2012, M165, Cptr Prg-AAS, Computer Programming-AAS, 22, 5%, 14%, 23%

Fall 2013, M165, Cptr Prg-AAS, Computer Programming-AAS, 14, 29%, 36%, 36%

Fall 2014, M165, Cptr Prg-AAS, Computer Programming-AAS, 27, 11%, 19%, 30%

Fall 2015, M165, Cptr Prg-AAS, Computer Programming-AAS, 34, 15%, 21%,

Fall 2016, M165, Cptr Prg-AAS, Computer Programming-AAS, 29, 14%, ,

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Fall 2012, D640, CISCO-Cert, CISCO Networking-Certificate, 2, , ,

Fall 2013, D640, CISCO-Cert, CISCO Networking-Certificate, 5, 40%, 60%, 60%

Fall 2015, D640, CISCO-Cert, CISCO Networking-Certificate, 1, 0%, 0%,

Fall 2012, I640, CISCO-Cert, CISCO Networking-Certificate, 1, , ,

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Fall 2012, M645, Info Tech, Information Technology-AS, 14, , 14%, 29%

Fall 2013, M645, Info Tech, Information Technology-AS, 8, 50%, 50%, 50%

Fall 2014, M645, Info Tech, Information Technology-AS, 35, 26%, 37%, 40%

Fall 2015, M645, Info Tech, Information Technology-AS, 22, 32%, 45%,

Fall 2016, M645, Info Tech, Information Technology-AS, 32, 9%, ,

* + Enrollment-Retention

**Cohort, MAJOR ID 1, Program\_desc, Cohort Size, Retained, Fall to Spring Retention Rate, Fall to Fall Retention Rate**

Fall 2014, I165, Computer Programming-AAS, 14, 5, 36%, 43%

Fall 2014, M165, Computer Programming-AAS, 27, 13, 48%, 52%

Fall 2015, I165, Computer Programming-AAS, 10, 7, 70%, 70%

Fall 2015, M165, Computer Programming-AAS, 34, 17, 50%, 38%

Fall 2016, I165, Computer Programming-AAS, 19, 13, 68%, 42%

Fall 2016, M165, Computer Programming-AAS, 29, 18, 62%, 31%

Fall 2017, I165, Computer Programming-AAS, 12, 6, 50%,

Fall 2017, M165, Computer Programming-AAS, 29, 19, 66%,

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Fall 2015, D640, CISCO Networking-Certificate, 1, 1, 100%, 100%

Fall 2017, I640, CISCO Networking-Certificate, 3, 2, 67%,

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Fall 2014, M645, Information Technology-AS, 35, 19, 54%, 69%

Fall 2015, M645, Information Technology-AS, 22, 18, 82%, 68%

Fall 2016, M645, Information Technology-AS, 32, 23, 72%, 56%

Fall 2017, M645, Information Technology-AS, 23, 17, 74%,

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Fall 2017, M648, Info Tech-Database Administration - AAS, 1, 0, 0%,

* 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.
* SIGITE 2018 and other activities update
* 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