Information Technology Advisory Meeting

Fall 2018 Invitation

Dear «fname»,

The Information Technology faculty at M State (Minnesota State Community and Technical College) invites you to our advisory meeting. The meeting is **October 23, 2018 @ 6:30 pm in room B150** (somewhat near door N3) or through WebEx. Please contact us if you wish to have a campus map with the room numbers or more information about joining using remote conferencing technology.

The Advisory Meeting consists of Information Technology professionals guiding the curriculum and instructional direction of our Information Technology programs. Our current program offering is Computer Programming – AAS, Information Technology – AS, and Network Technology and Security - AAS. Please contact us if you wish to have a copy of any or all of our curriculum offerings.

We very much need your input to our programs. We would be grateful for a reply to this invitation, so we may accurately plan enough food for the meeting. You may extend this to other professionals you think would help us improve our curriculum and instruction. The meeting agenda is below and with additional information at <http://brazil.minnesota.edu/advisory/advisory.html#Meeting_Agendas> .

We look forward to seeing you.

Yours,

Minnesota State Community and Technical College Information Technology Faculty

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**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