

St. Ambrose University
Computer and Information Sciences Alumni Advisory Council
Friday, September 25, 2020
Via WebEx

- 8:30 – 9:15 Group speaker for all councils - Maritza Espina, Dean of the College of Business
- 9:30 – 10:00 State of the CIS Department
- Fall Enrollment
 - Impact on the department due to COVID
 - Master's Degree in Cybersecurity
 - State of Facebook Partnership
- 10:00 – Noon Possible Curriculum Enhancements
- For submission to EPC this semester (Fall 2020)
 - Colloquium
 - Invite four speakers per semester.
 - Every undergraduate student would be required to attend a minimum number of events per semester.
 - MSITM
 - Cross-list CSCI 435 and CSCI 640
 - Increase focus on Cybersecurity
 - Make Information Assurance required, not elective.
 - Add one or two additional cybersecurity-related courses.
 - Reduce the number of COB courses.
 - For submission to EPC in Spring 2021
 - Cybersecurity Microcredential (see attached Guidebook & Application)
 - Cybersecurity is very broad. Ideas about specific skills for Microcredential?
 - Would this be of interest in members' places of work?
 - Cybersecurity Program
 - Make the Intro to Cybersecurity course required for the major.
 - Add the Intro to Cybersecurity course as a prerequisite for other cybersecurity courses. This may impact other programs that include cybersecurity courses.
 - Expand the CNA Capstone course to serve both the CNA and Cybersecurity programs.
 - Make the capstone course required for the Cybersecurity program.
 - Reduce the number of non-CSCI courses so the total number of required credits does not increase.
 - CNA Program
 - Make Introduction to Cybersecurity either a required or an elective course for the CNA degree.
 - Reduce the number of non-CSCI courses so the total number of required credits does not increase.

- For Academic Year 2021 – 2022
 - MSITM
 - Move MSITM to an online 8-week program.
- Longer Term
 - Explore moving into the area of Data Mining/Machine Learning/Artificial Intelligence.
 - This seems to be a field in which demand will continue to increase.
 - Dr. Zhang has expertise that can help us move in this direction.
 - We will begin offering related "topics" classes now.
 - Developing a Microcredential in Data Mining might be a first step
 - Make sure we do not duplicate what the Math department offers.