Graduate Council Agenda  
Meeting Wednesday, December 7th, 2016  
EFHA, Room 164 @ 11:45 AM

Old Business
1. Approve Minutes from November 2nd, 2016
2. Strategic Plan
3. Graduate Independent Study/Internships

New Business
1. Proposal for changes in, restoration of, or removal of a graduate course  
   a. IST 661 – Security Policy and Risk Assessment; Sathish Kumar; Computer Science and Information Systems – F, Sp, Su (Prereq IST 660)  
      i. Current Course Description – Security Policy and Risk Assessment (3) (Prereq: IST 660 with “C” or better) Course addresses ethical, legal, risk management and policies and issues within which information systems and technology lifecycle professionals shall practice and to study how they impact privacy, fair information practices and content control. In addition, this course offers an overview of the various risk analysis and assessment techniques.  
      ii. Proposed Catalog Description – Security Policy and Risk Assessment. (3) (=INTEL 661) Course addresses ethical, legal, risk management and policies and issues within which information systems and technology lifecycle professionals shall practice and to study how they impact privacy, fair information practices and content control. In addition, this course offers an overview of the various risk analysis and assessment techniques.  
      iii. Does not affect existing graduate or undergraduate programs but this is a required course for the proposed MS in Information systems Technology with concentration in Security and Analytics program.  
      iv. The change is needed due to the change in prerequisites. Prerequisite of IST 660 is not needed based on the course content. Also we need to ensure that this IST 661 course has the same lack of prerequisite as with the cross-listed INTEL 610 course.

2. Proposal for changes in a graduate program  
   a. M.S. in Information Systems Technology with concentration in Security and Analytics; Sathish Kumar; Computer Science and Information Systems; Fall 2017  
      i. Purpose of the Program – Master of Science in Information Systems Technology with concentration in Security and Analytics (MISTSA) is a program to prepare future leaders in the areas of information security and data analytics through critical examination of both academic and practical applications of various segments of the information security and data analytics industry. The faculty seeks to challenge, engage, and cultivate students in becoming skilled and knowledgeable information security and data analytics professionals.  
      ii. Due to the practical nature of the program curriculum and the studies that suggest the GRE scores do not actually reflect the success of the graduate students, we have decided to remove the GRE requirement. Also we decided to include a set GPA requirement instead of existing ‘competitive’ GPA requirement.
3. Proposal for a new graduate course
   a. CMSS 440 - Introduction to renewable energy; Roi Gurka; Spring 2017
      i. Proposed Catalog Description – The course introduces the concept of renewable energy systems. The course will cover fundamental aspects of thermodynamics and physics. Topics will include hydro-kinetic, aero-and hydro-propulsion and solar with emphasis on the principles of operation, efficiency, environmental impact and performance. The course will be offered during Spring semester.
      ii. Course Restrictions – The course will provide a multi-disciplinary approach to the students. It couples all the scientific disciplines as they play a role in analyzing and designing an energy conversion system. It is a systems based course where various elements from physics, fluid mechanics, marine and coastal process are integrated together.
      iii. The 500 level course is different than 400 in terms of the tasks the student is asked to perform. The homework load is 50% higher and the final project is doubled in its capacity as compared with the 400 level.

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