University of Wisconsin - Madison
College of Engineering [EGR]
Last Offered: 2014-2015 Fall [1152]
Direct Link to this Syllabus :
http://aefis.wisc.edu/index.cfm/page/CourseAdmin.ViewABET?coursecatalogid=60&pdf=True

1. I SY E 671, E-Business: Technologies, Strategies and Applications
2. Credits : 3     Contact Hours : 2.5
3. Textbook and Materials : None
   a. Other Supplemental Materials : None

  • Specific Course Information :

   a. Brief description of the content of the course (Course Catalog Description) : Overview of core concepts of e-commerce and e-business technologies, strategies and applications. Covers business-to-consumer, business-to-business and intra-business models by using real-world examples and cases from various industries. Significant portion of coursework involves interdisciplinary group project with industry.
   b. Pre-requisites or Co-requisites : Sr or Grad st
   c. This is a Selected Elective course.

  • Specific Goals for the Course :

   a. Course Outcomes :
   b. ABET Student Learning Outcomes :

     (a) Ability to apply mathematics, science and engineering principles.
     (b) Ability to design and conduct experiments, analyze and interpret data.
     (c) Ability to design a system, component, or process to meet desired needs.
     (d) Ability to function on multidisciplinary teams.
     (e) Ability to identify, formulate and solve engineering problems.
     (f) Understanding of professional and ethical responsibility.
     (g) Ability to communicate effectively.
(h) The broad education necessary to understand the impact of engineering solutions in a global and societal context.
(i) Recognition of the need for and an ability to engage in life-long learning.
(j) Knowledge of contemporary issues.
(k) Ability to use the techniques, skills and modern engineering tools necessary for engineering practice.