CoE EFC Meeting

9/19/2013 1:00 PM

In Attendance

Jasbir Arora, Soura Dasgupta, Ed Dove, Keri Hornbuckle (non-voting ex officio), Jia Lu (chair), and David Rethwisch

Action items

1. Professor Arora was nominated and elected Secretary of EFC. EFC Secretary also acts as Secretary of the College Faculty.
2. Minutes of the 12 Sept 2013 EFC meeting were discussed and unanimously approved.
3. Announcements.
   (i) Dean Hornbuckle announced an opportunity for engineering faculty to develop a module related to Technological Entrepreneurship Certificate. College of Business will provide support for such development (see attached information).
   (ii) There were no other announcements.
4. Charges for the Teaching Committee were discussed at length and finalized.
5. Charges for the Information Technology Committee were discussed at length.
6. The motion to re-name the Information Technology Committee was discussed and finalized.

The meeting was adjourned at 2:00, and no one objected.

Submitted by Jasbir Arora
Proposed Plan of Study

First Year: Complete one of four 1 s.h. Practicums in Technology Entrepreneurship

Soph. Year: Complete one of four 1 s.h. Practicums in Technology Entrepreneurship

Junior Year: Complete one of four 1 s.h. Practicums in Technology Entrepreneurship
Complete 06T:120 Entrepreneurship and Innovation
Complete 06T:134 Entrepreneurial Marketing or 06T:133 Entrepreneurial Finance

Senior Year: Complete 06T:134 Entrepreneurial Marketing or 06T:133 Entrepreneurial Finance
Complete 06T:146 Strategic Management of Technology and Innovation
(or discipline specific course as determined by each department)
Complete Senior Design Course with Business Plan and Presentation

Support for Course Development

In order to improve the TEC, JPEC will provide support to engineering faculty to integrate innovation and entrepreneurship concepts into their existing courses. The course development work would happen this academic year and the modified courses would be taught in the 2014-2015 academic year. Support will be $5,000 per course. We would ideally like at least one faculty member from each department to participate.

Engineering Faculty Training

The University of Iowa is a member of the NCIIA (National Collegiate Inventors and Innovators Alliance). The focus of the organization is to “support technology innovation and entrepreneurship in higher education to create experiential learning opportunities for students and successful, socially beneficial innovations and businesses.” JPEC would like to sponsor 5-10 engineering faculty (again, at least one person from each department) to attend the NCIIA annual conference called OPEN. This would include conference registration and travel expenses. The focus on the conference is integrating innovation and entrepreneurship into engineering curriculum. As I have been to the conference several times and have received a small grant from the organization, I am happy to be a contact person for questions from your faculty.
Online Training
For faculty who want to get started sooner or who’s schedules won’t allow them to attend the NCIIA Open Conference, Stanford University and the National Science Foundation have put together a website called Epicenter with online training and resources to help engineering faculty integrate innovation into their courses. Here’s a link: http://epicenter.stanford.edu/

Name Change
Consideration could be given to changing the name of the program from the Technological Entrepreneurship Certificate. Top schools seem to be either adding the word “innovation” to their engineering certificates in entrepreneurship or simply replacing “entrepreneurship” with “innovation”. Perhaps the following would work:

- Certificate in Innovation Management

This would tie innovation to the business skills that students want for their resume. For comparison, JPEC students in CLAS and TCOB earn the “Certificate in Entrepreneurial Management”.

Application Process
Please have interested faculty email Keri Hornbuckle by October 15th. She’ll need to know what course will be addressed (name, number, semester, enrollment).