1. **Title:** ENGT 2803 - Introduction to Renewable Energy Entrepreneurship

2. **Submitting College:** COST

3. **Department(s) Generating the Proposal:** Department of Engineering Technology

4. **Effective Date:** Fall semester 2010

5. **Brief Summary of Proposal:** Entrepreneurial processes in Renewable Energy and Sustainability are essentially driven by the desire to start a new venture, or re-invent and radically transform existing company. Entrepreneurs and entrepreneurial managers seek to shape the future of their businesses by visualizing and implementing new imaginative ventures and models. The desired outcomes are organizational genesis, growth and rejuvenation that are underpinned by new competitive advantages leading to new profitable opportunities.

   The course is primarily an interdisciplinary course which will include topics from business and renewable energy. The course is based on case studies of renewable energy topics and business planning. Course will cover broad aspects of renewable energy and entrepreneurship. Students will be introduced to the importance of fundamental concepts of Electrical Engineering Technology in renewable energy and energy sources such as Solar, Fuel Cells, Wind energy, Hybrid Systems and Energy efficient buildings. The course will explore the process of creating entrepreneurial companies and will examine business issues of identifying opportunities in energy and environment, implementing strategies, and formulating and implementing the business plans. The course will emphasize class participation and active debates on the above topics. By the end of the term, students will have a good grasp of the background behind current debates in energy and environment, as well as a sense of the potential business opportunities in this fast-evolving area.

6. **Type of Proposal:** New course

7. **Graduate School Endorsement Status:** N/A

8. **Impact in Library Holdings:** none

9. **Impact on Existing Programs:** none

10. **Additional Resources Required:** none

11. **Approvals:**

    Department of Engineering Technology
    College of Science & Technology
    New Programs & Curriculum
    SSU Faculty Senate
    Date
    10/21/2010
A. Course Number: ENGT 2803

B. Course Title: Introduction to Renewable Energy Entrepreneurship

C. Catalog Description:
The course is primarily an interdisciplinary course which will include topics from business and renewable energy. The course is based on case studies of renewable energy topics and business planning.

D. Rationale: Entrepreneurial processes in Renewable Energy and Sustainability are essentially driven by the desire to start a new venture, or re-invent and radically transform existing company. Entrepreneurs and entrepreneurial managers seek to shape the future of their businesses by visualizing and implementing new imaginative ventures and models. The desired outcomes are organizational genesis, growth and rejuvenation that are underpinned by new competitive advantages leading to new profitable opportunities.

E. Impact on Library Holdings:
Existing: 
Additions: 
Deletions: 

F. Credit Hours: 3 Credit Hours

G. Prerequisites: Sophomore standing

H. Syllabus (Copy attached): YES

I. Similarity to, or Duplication of, Existing Courses: N/A

J. Textbook Selection (include title, author and ISBN)

K. Grading (letter grade, pass/fail, S/U etc.): A - F

L. Bibliography: