REQUEST TO ADD, DROP, OR CHANGE A COURSE

Departmental Prefix: ENMG
Existing or New Course No. 6103
Add "G" No. (if applicable) 
Credit Hrs. 3
CIP: 15.9999

☐ ADD A COURSE (Please proceed to page 3.)
Course Title: Technology Entrepreneurship

☐ DROP A COURSE (Please proceed to page 6.)

☐ CHANGE A COURSE (Check all that apply, then proceed to page 7.)
☐ Course Title
From:
To:
☐ Prerequisite/Description
☐ Credit Hours
From: credit hours
To: credit hours
☐ Course Number (include department prefix/course number)
From: Existing course number Insert "G" number (if applicable)
To: New course number Insert "G" number (if applicable)
☐ Other (Please indicate below)
☐ Non-substantive

Semester/Year for which change is requested (not later than one academic year from submission date): Fall 2014

Recommended abbreviation for class schedule (include spaces, ONE LETTER per box)
TECHNOLOGY ENTERPRENEUR

Contact hours per week per semester
<table>
<thead>
<tr>
<th>Lecture</th>
<th>Recitation</th>
<th>Seminar</th>
<th>Lab</th>
<th>Indep Study</th>
<th>Clinical</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
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Effective date 9/1/13
List all courses and curricula affected by this request.
Submit request for other changes concurrently with this request.

Other departments or units affected by this action. Supply additional information, if needed, on a separate sheet.

Department or unit | Chair or unit head signature (plus date) | Support | Not Support

Signatures constitute approval. Signatures by the department chair and the courses and curricula committee chairs certify that the proposal was discussed and approved by a majority of the voting members of the department or committee.

P. Herrington 3/3/14
Department Chair

K.M. Alsayin March 24, 2014
College Courses and Curricula Chair

Kamila W. G. Date
Graduate Dean (Courses numbered 4000/4-7999)

Roman W. Whitlow 03/12/14
Provost

Please proceed to the section below that applies to the action that you are requesting, and provide the appropriate information.

Be sure to describe additional work for graduate credit, if applicable, and to include all required components in any syllabus.

You need to submit ONLY THOSE PAGES that are relevant to your request. Submit one signed copy to the Office of Academic Affairs and one electronic copy to uccs@uno.edu.
Course description for a new course
Please insert course number ["xxxx/xxxxG" if appropriate] and title, credit hours, and catalog description in the designated spaces below. You may NOT use a course number that has been used previously.

**ENMG 6103 Technology Entrepreneurship** 3 cr.
Prerequisites: Baccalaureate degree in Engineering or consent of department. Fundamental concepts of entrepreneurship and commercialization applicable to technology-based products and businesses. The concepts presented are not only appropriate to the startup of a technology-based business, but also incorporate entrepreneurial aspects appropriate to generating new business within a large company. Course topics include accounting and financing a technology enterprise; strategic marketing; organizational and ethical issues; key legal considerations affecting technology-based ventures.

Please note: if there is a “G” number and the course description is the same for both courses, simply append the “G” number to the other course number, as illustrated above. If the “G” number has a different description, please use a separate form.
Justification and explanation for a proposed course, including information about:

- Why the course is needed
- How often the course will be offered
- Any enrollment or curriculum restrictions
- Anticipated enrollments
- Any additional personnel, equipment, or facilities required (if none, indicate ‘No additional personnel, equipment, or facilities will be needed.’)

(Please type in the space provided below.)

There is a need for well-qualified scientists and engineers to develop a broader range of knowledge and skills relating to technology commercialization. Social and economic loss results from an inability to commercialize the technical research and development undertaken by individuals, universities, companies, and governments. The goal of this course is to equip science and engineering students with a knowledge of the principles and practices of entrepreneurship applicable to technology-based startups and enterprises.

The course will serve as a required course for students in the Engineering Management program. It will be offered annually, with no enrollment or curriculum restrictions beyond the stated prerequisites. The anticipated enrollment is 15 students per course offering and no additional personnel, equipment, or facilities will be needed.
Sample syllabus for a proposed new course
Please type, or insert, a sample syllabus in the space provided below. Remember to describe the work required for graduate credit, if applicable. Please include bibliography.

Sample syllabus:

ENMG 6103  Technology Entrepreneurship  Fall 2014

Catalog Description
ENMG 6103  Technology Entrepreneurship  Credit hours  3
Prerequisites: Baccalaureate degree in Engineering or consent of department. Fundamental concepts of entrepreneurship and commercialization applicable to technology-based products and businesses. The concepts presented are not only appropriate to the startup of a technology-based business, but also incorporate entrepreneurial aspects appropriate to generating new business within a large company. Course topics include accounting and financing a technology enterprise; strategic marketing; organizational and ethical issues; key legal considerations affecting technology-based ventures.

Section  Day/Time  Place
Section 601  TBD  TBD

Instructor:  Name:  TBD  Office Location:  TBD  Office Hours:  TBD  Phone:  TBD  Email:  TBD@uno.edu

Student Learning Outcomes
The objective of this course is to provide students with the tools needed to introduce entrepreneurial aspects to technology-based businesses and ventures. After completing the course, students will be able to:

• understand the fundamental concepts of entrepreneurship and of the role that technology entrepreneurship plays in the global economy and society.
• describe the process of new product or venture creation—the activities, challenges, and opportunities involved.
• analyze situations and formulate strategies for technology-based businesses.
• improve their team leadership and entrepreneurial leadership skills.
• improve their oral and written communication skills.

Attendance Policy
Attendance is required in order to excel in this class.

Learning Resources
Required: Required readings and articles are available through Moodle

Course Prerequisites
Baccalaureate degree in Engineering or consent of department.
Tentative Due Dates
Exams/Assignments
There will be a total of 2 exams, (Exam 1 – midterm week, Final Exam – scheduled final examination time). Project and homework problems will be assigned throughout the semester.

Grading Weight
Exams (Exam 1, Final exam) 40%, 40%
Project, Homework 10%, 10%

Statement on Student Conduct
Class starts promptly at the scheduled time. Late arrivals, cell phones, and other disturbances are distracting to the instructor and to your fellow students.

Statement on Academic Integrity
Academic integrity is fundamental to the process of learning and evaluating academic performance. Academic dishonesty will not be tolerated. Academic dishonesty includes, but is not limited to, the following: cheating, plagiarism, tampering with academic records and examinations, falsifying identity, and being an accessory to acts of academic dishonesty. Refer to the Student Code of Conduct for further information. The Code is available online at http://www.studentaffairs.uno.edu.

Statement on Accommodations
It is University policy to provide, on a flexible and individualized basis, reasonable accommodations to students who have disabilities that may affect their ability to participate in course activities or to meet course requirements. Students with disabilities should contact the Office of Disability Services as well as their instructors to discuss their individual needs for accommodations. For more information, please go to http://www.ods.uno.edu.

Bibliography


“Global Dynamics of Innovation and Project Management,” Project Management Institute, October 4, 2011.


