Instructor: Robert Magnusson  
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Office Hours: MW 1:30-3:00pm  
Section Information: EE4328-002, EE5309-003, EE5309-004  
Time and Place of Class Meetings: MW 5:30-6:50pm—108 NH

Description of Course Content:
Topics include special problems of newly formed firms, planning, start-up business considerations, business strategy, management basics, and business plan design. Students will engage in business and entrepreneurship training or discussion, become aware of basic business operations, and learn about inventions, intellectual property, and the patenting process. Other topics include assessment of possible markets, venture feasibility, teambuilding, and leadership. Opportunities in university environments will be discussed including incubation centers and patent licensing. We address legal issues, SBIR proposal design, SBIR funding from NSF, NIH, and others, the review process, reporting, local high-tech business accelerators, venture plans, and venture capital. Special lectures will be given by invited experts on select topics.

Tentative topics:
1. Initial considerations
   a. Planning
   b. Seed financing
   c. Start-up business considerations
   d. Common business models
   e. Business plan design
   f. Management basics
   g. Exit strategy
2. Inventions
   a. Intellectual property strategy
   b. Patent licensing
   c. Patent process
   d. Construction of claims
3. Market assessment
   a. Feasibility of product/services
   b. Customers
   c. Distribution channels
   d. Competition
4. Business planning
   a. Structure of business plan
   b. Chief ingredients
   c. Time evolution
5. Business and entrepreneurship training
   a. Networking
   b. Need for experienced mentors
6. Business operations
   a. Hiring the right team is critical
   b. Strategic partnerships (manufacturing, distribution and sales)
   c. Marketing and sales strategy
   d. Building customer relationships
7. University opportunities
   a. Incubation centers
   b. Patent licensing
   c. Collaboration/support/initial facilities and space
8. Legal issues
9. Funding
   a. Founders, friends and family
   b. SBIR proposals
      i. SBIR funding
      ii. Review process
      iii. Reporting
   c. Angel investors and investor groups
   d. Venture plans
   e. Venture capital

Student Learning Outcomes:
Understanding of entrepreneurship and its personal/societal value
Knowledge of business startup methods and corporate structure
Knowledge of inventions, patenting, and licensing
Ability to write proposals and presentations
Ability to formulate elementary business/marketing plans

Requirements:
Prerequisites: None
Regular class attendance and participation.

Required Textbooks and Other Course Materials:
None required. Lecture notes and reading materials will be supplied. Additional reading material or websites may be suggested or assigned.

Descriptions of major assignments and examinations with due dates:
Grading: Individual projects/short reports/case studies 30%
         Mid-term examination 30%
         Feasibility report/business plan for a new venture 20%
         Final presentation (team) 10%
         Class attendance 10%

Mid-term exam date: October 19, 2011
Final exam: Monday, December 12, 2011, 5:30–8 p.m. May be used for part of final presentations.
Project due dates: TBD

Grading Policy:
Final grade is determined in accordance with scores on assignments as summarized above. The standard academic scale of A, B, C, D, F will be used.

Attendance Policy:
I expect students to attend class.

Drop Policy: Students may drop or swap (adding and dropping a class concurrently) classes through self-service in MyMav from the beginning of the registration period through the late registration period. After the late registration period, students must see their academic advisor to drop a class or withdraw. Undeclared students must see an advisor in the University Advising Center. Drops can continue through a point two-thirds of the way through the term or session. It is the student's responsibility to officially withdraw if they do not plan to attend after registering. Students will not be automatically dropped for non-attendance. Repayment of certain types of financial aid administered through the University may be
required as the result of dropping classes or withdrawing. For more information, contact the Office of Financial Aid and Scholarships (http://wweb.uta.edu/ses/faq).

Americans with Disabilities Act: The University of Texas at Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including the Americans with Disabilities Act (ADA). All instructors at UT Arlington are required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of that disability. Any student requiring an accommodation for this course must provide the instructor with official documentation in the form of a letter certified by the staff in the Office for Students with Disabilities, University Hall 102. Only those students who have officially documented a need for an accommodation will have their request honored. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at www.uta.edu/disability or by calling the Office for Students with Disabilities at (817) 272-3364.

Academic Integrity: At UT Arlington, academic dishonesty is completely unacceptable and will not be tolerated in any form, including (but not limited to) "cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts" (UT System Regents’ Rule 50101, §2.2). Suspected violations of academic integrity standards will be referred to the Office of Student Conduct. Violators will be disciplined in accordance with University policy, which may result in the student's suspension or expulsion from the University.

Student Support Services: UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals, students may contact the Maverick Resource Hotline by calling 817-272-6107, sending a message to resources@uta.edu, or visiting www.uta.edu/resources.

Electronic Communication: UT Arlington has adopted MavMail as its official means to communicate with students about important deadlines and events, as well as to transact university-related business regarding financial aid, tuition, grades, graduation, etc. All students are assigned a MavMail account and are responsible for checking the inbox regularly. There is no additional charge to students for using this account, which remains active even after graduation. Information about activating and using MavMail is available at http://www.uta.edu/oit/cs/email/mavmail.php.

Student Feedback Survey: At the end of each term, students enrolled in classes categorized as lecture, seminar, or laboratory will be asked to complete an online Student Feedback Survey (SFS) about the course and how it was taught. Instructions on how to access the SFS system will be sent directly to students through MavMail approximately 10 days before the end of the term. UT Arlington’s effort to solicit, gather, tabulate, and publish student feedback data is required by state law; student participation in the SFS program is voluntary.

Final Review Week: A period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week unless specified in the class syllabus. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week. During this week, classes are held as scheduled. In addition, instructors are not required to limit content to topics that have been previously covered; they may introduce new concepts as appropriate.