COURSE SYLLABUS
Course No.: ED 725  
Section: G001 (Online)  
Title of Course: Technology Based Entrepreneurship and Economic Development  
Semester: Spring 2012

Instructor: Brent D. Hales, Ph.D.  
Office: 226 Trent Lott National Center for Excellence in Economic Development and Entrepreneurship, Hattiesburg, MS 39406  
Email: brent.hales@usm.edu  
Office Tel: 601-266-6519  
Cell phone: 601-467-1280  
Fax: 601-266-6071  
Office Hours: Monday – Wednesday 10 AM – 4 PM and by appointment

Prerequisites: None

Credit Hours: 3 hours

Drop Date: The last day to drop the class without Academic Penalty is February XX, 2012.

I. COURSE DESCRIPTION:  
The purpose of this course is to introduce students to the theoretical and methodological tactics and strategies for implementing a technology-based entrepreneurial development plan. It is expected that students will be engaged in the course and bring a passion for learning to the course. Students are expected to have completed all readings prior to the online interaction. Students will engage in critical analyses of the core concepts and use these learnings to interact in class discussions and course assessments.

II. COURSE OBJECTIVES:  
Conceptual outcomes. Students will address the following fundamental questions:

- **Technology.** What is the nature of technology in entrepreneurship? What are some of the effective uses of technology in entrepreneurship?
- **Entrepreneurship.** How can technology-based entrepreneurship (TBE) opportunities promote economic development?
- **Development.** What is the relationship between innovation-based development and overall economic and community development? How can positive outcomes of innovation-based development be enhanced and negative impacts minimized?
Cross-cutting academic and professional outcomes

- Gain familiarity with the academic literature, theories, controversies, and debates related to TBE
- Identify data resources, websites, and conceptual literature useful for TBE in professional practice
- Examine case studies of successful TBE in economic development
- Enhance skills in group discussion leadership, presentation, research, and writing
- Link theory with practical application in an applied project related to technology-based economic development
- Develop critical thinking, problem solving, and analytic skills
- Identify funding alternatives in TBE

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<thead>
<tr>
<th>Part</th>
<th>Main Concepts</th>
<th>Readings</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>What is entrepreneurship? How is technology defined? What is technology-based economic development?</td>
<td>Shane</td>
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<tr>
<td>2</td>
<td>How can we study technology-based entrepreneurship (TBE) in economic development? (Methods)</td>
<td>Shane</td>
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<tr>
<td>3</td>
<td>What does effective TBE look like? (Case studies)</td>
<td>Shane</td>
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<td>4</td>
<td>How is TBE used in holistic economic development? What is the role of public policy in TBE?</td>
<td>Rooney</td>
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<tr>
<td>5</td>
<td>Breaking down TBE (Critical analysis)</td>
<td>Rooney and Shane</td>
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</tbody>
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Learning Outcomes:

- Understand what is technology-based entrepreneurship (TBE)
- What role entrepreneurship plays in Innovation-Based Economic Development (IBED)
- Understanding those factors that attract the development of an environment that support TBE and IBED
- Understanding the effects of government policy on TBE and IBED and the growth of the supporting knowledge economy
- Develop critical thinking skills requisite to breaking down the relationships between the above described variables

III. COURSE COMMUNICATION:
The main mode of Course communication such as obtaining lecture notes, recorded lectures, and assignments and exams will be through Blackboard 9.1. The interaction between instructor and students, as well as one-to-one communication will be through Blackboard, students USM email, and assignment feedback or comments. Students may contact instructor physically during the office hour or any other time by appointment. Goal here is to enhance the understanding of the course topics and the comprehension of the course content.
IV. CLASS PROCEDURES AND REQUIREMENTS:

Overview of chat sessions:

Overviews of the sections will be discussed and critical analyses of the concepts provided. Students are expected to come to the discussion with several questions/insights to pose to the instructors and fellow classmates.

Overview of in-person sessions:

Students may expect to engage in critical analysis of current issues facing economic development professionals in the emerging innovation-based/knowledge-based economy and the role that innovation-based entrepreneurship plays in regional economic development in seminar format at the 3-day session. Students will be provided materials, handouts, and supplementary materials requisite for their study at the onset of the in-person meetings.

V. TEXTBOOKS:

There are two required texts for the class.


VI. METHODS OF STUDENT EVALUATION:

Student learning will be assessed in the following manner.

Online participation – 40 points of the total grade will be assigned to online participation. Students will be assessed as to their attendance, regular input, and critical analysis of topics discussed.

Mini presentations – Two presentations at 30 points will be assigned to two group presentations given at the in-person sessions. Students will conduct research on two subjects during the in-person sessions. Points will be awarded on the basis of clarity, content, and critical analysis of the subject matter. Points will be awarded on the basis of the core competencies listed above.

Group presentation – 100 points of the total grade will be assigned to the group presentations. Students will work on the presentations to be delivered on the third day of the in-person session. Points will be awarded on the basis of the core competencies listed above.

Final take-home exam – 100 points will be assigned to the final exam. Students will be assessed on the clarity of their responses to the assigned questions. These will mirror those utilized on the comprehensive exam.
VII. COURSE SCHEDULE:

<table>
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<tr>
<th>ED 725 In-Person Sessions</th>
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<tbody>
<tr>
<td><strong>Current Issues</strong></td>
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<tr>
<td>1/19 – 8:30 a.m. – 5 p.m.</td>
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<tr>
<td>1/20 – 8:30 a.m. – 5 p.m.</td>
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<tr>
<td>1/21 – 8:30 a.m. – 5 p.m.</td>
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**Chat Sessions**

*Online chat sessions every Tuesday night from 8-10 pm CST*

- 1/17
- 1/24
- 1/31
- 2/7

Schedule of chat sessions:

1/17 – students are expected to have reviewed chapters 1-5 of *Economic Development Through Entrepreneurship* with the expectation of engaging in discussion with instructors and fellow students.

1/24 – students are expected to have reviewed chapters 6-9 of *Economic Development Through Entrepreneurship* with the expectation of engaging in discussion with instructors and fellow students.

1/31 – students are expected to have reviewed chapters 1-6 of *Entrepreneurship and Local Economic Development* with the expectation of engaging in discussion with instructors and fellow students.

2/7 – students are expected to have reviewed chapters 7-13 of *Entrepreneurship and Local Economic Development* with the expectation of engaging in discussion with instructors and fellow students.

Schedule of in-person sessions:

Day 1 – students will be exposed to a variety of IBED and entrepreneurship theories, strategies, and tactics.

Day 2 – students will engage in activities designed to critically examine the role of the knowledge economy in TBE and IBED and the development of IBED strategic plans.
Day 3 – students will engage in discussions regarding local, regional, state and national policy and implementation of TBE and IBED.

The schedule may be revised if necessary. Students will be notified if this is the case.

V III. GENERAL POLICIES/GUIDELINES:

- If you require an accommodation based on disability, please meet with me in the privacy of my office, during the first week of the semester, to make sure you are properly accommodated.
- Students need to turn in homework assignments and term paper, e.g. one assignment turned in per student with your name on it. However, homework can be worked jointly with other students.
- **No makeup for home works and tests.**

**USM RESOURCES**

**WRITING CENTER**

The Writing Center is a free tutorial service available to any USM student who wants assistance with a writing project. The center offers one-to-one writing instruction that’s designed to help students become a more effective writer. The center offers tutorial service on a walk-in basis or by appointment (on the hour for an hour). In each session, a tutor talks with students about their writing project, asking them questions that will help students clarify their thoughts, specify their purpose, and decide how to proceed. Tutors do not write papers for students but they will help students find ways to develop their ideas more fully and express them more effectively.

**Sites of Operation**

The Hattiesburg Writing Center  
Location: Cook Library, Room 112  
Phone: (601) 266-4821  
E-mail: writing.center@usm.edu  
Web site: www.usm.edu/writingcenter

The Gulf Coast Writing Center  
Location: Gulf Park Library, Room 107  
Phone: (228) 214-3411  
E-mail: coastwritingcenter@usm.edu  
Web site: www.usm.edu/gulfcoast/gcwc/index.php
SPEAKING CENTER

The University of Southern Mississippi offers a Speaking Center, with consultations available at no cost to all students, faculty, and staff. The Speaking Center at the USM could be a great help for the students of Industrial Engineering Technology to prepare, organize, and delivery of their presentations. I consider the Center to be an extension of the class. The center is a space to refine your skills, address questions, and practice your speeches. The tutors of the speaking Center are there to help you with your speeches. Students who make regular use of this resource become better speakers and do better on their assignments. You can visit the center’s website to access tips on various areas of improving your presentation, making appointments with tutors, and arranging mock presentation at www.usm.edu/speakingcenter

Sites of Operation

The Speaking Center
Hattiesburg Campus
Cook Library, Room 114
601-266-4965
speakingcenter@usm.edu

The Speaking Center
Gulf Park Campus
Gulf Park Library, Suite 107
228-214-3413
Casey.Maugh@usm.edu

USM STUDENT HANDBOOK

Academic Dishonesty

It is the philosophy of The University of Southern Mississippi that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include suspension or expulsion from the University.

- Plagiarism is defined in the USM Graduate Bulletin as follows:

Plagiarism is scholarly theft, and it is defined as the unacknowledged use of others’ work. More specifically, any written or oral presentation in which the writer or speaker does not distinguish clearly between original and borrowed material constitutes plagiarism. Because students, as scholars, must make frequent use of the concepts and facts developed by other scholars, plagiarism is not the mere use of another’s facts and ideas. However, it is plagiarism when students present the work of other scholars as if it were their own work.
Plagiarism is committed in a number of ways:
1. Reproducing another author’s writing as if it were one’s own.
2. Paraphrasing another author’s work without citing the original.
3. Borrowing from another author’s ideas, even though those ideas are reworded, without giving credit.
4. Copying another author’s organization without giving credit.

Plagiarism is a serious offense. An act of plagiarism may lead to a failing grade on the paper and in the course, as well as sanctions that may be imposed by the student judicial system. (p. 34)

- Accordingly, any student who does not understand what constitutes plagiarism, or does not understand how to appropriately cite sources, should seek assistance from the professor or from a number of available style guides. For example: University of Southern Mississippi Libraries, Style Guides. Retrieved August 20, 2006: http://www.lib.usm.edu/help/style_guides.html.

My choice is to give you an F in the course if I discover that you are cheating!!

ADA Syllabus Statement

If a student has a disability that qualifies under the Americans with Disabilities Act and requires accommodations, he/she should contact the Office for Disability Accommodations (ODA) for information on appropriate policies and procedures. Disabilities covered by the ADA may include learning, psychiatric, physical disabilities, or chronic health disorders. Students can contact ODA if they are not certain whether a medical condition/disability qualifies. Mailing address:

Gulf Coast:
The University of Southern Mississippi on the Gulf Coast
Office of Disability Accommodations
730 E. Beach Blvd
Long Beach, Ms 39560
Voice Telephone or TTY: (228) 214-3232

Hattiesburg:
The University of Southern Mississippi
Office of Disability Accommodations
118 College Drive #8586
Hattiesburg, MS 39406-0001
Telephone: (601) 266-5024; TTY: (601) 266-6837; Fax: (601) 266-6035.