INDUSTRIAL TECHNOLOGY 292H
Independent Study
Spring 2007
Mr. James Stutts

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Phone: Office: (985) 549-3794
Office Hours: 7:30-8:00 MTWTh
10:00 – 11:00 TTh
1:00 – 2:00 MW
5:30 – 6:00 MW
At other times by appointment
E-mail: jsstutts@selu.edu

Course Credit: 3 Semester Hours,

Prerequisite: “B” average or recommendation of faculty member and approval of the Department Head

Class Meeting Time: TBA

Class Location: TBA

Course Description:

A course designed to be an honors course devoted to research and development through the use of various research methods and/or through laboratory experimentation of a selected problem or research interest.

Attendance Policy:

This is intended to be an independent study class where the student is expected to work independently with minimal supervision. The student is also expected to provide regular updates throughout the semester to the instructor.

Course Assignments:

1. The student will write a proposal on the topic they wish to research. This proposal should include a detailed description of the topic they wish to research, why they are interested in this topic, how is this topic relative to the class that the 492H is replacing, and a timeline for the completion of the research project. Due by week two of the semester.

2. The student will have at least six meetings with the instructor throughout the semester.

3. The student will complete a research paper or lab assignments with the results of their research. Due by Friday May 4, 2007.
Lab Work:

During the course of 292H it may be necessary that you use labs in the department (Drafting rooms, CAD lab, wood shop, metal lab, etc.) to prepare experiments and research. If that is the case the following guidelines must be followed to properly abide with department and university policies.

1. Obtain proper permission to go in the lab from the professor(s) in charge of the lab
2. Never disturb a class in progress
3. Wear ANSI Approved safety glasses in the labs that require eye protection.
4. Follow any other safety rules that apply to the lab that you are using.

Basis for Assigning Grade:

1. Proposal 10%
2. Meetings with instructor 20%
3. Written report or Lab Report 70%

Grading Scale: (Departmental Policy)

Grading for 492H is Pass/Fail

PLEASE DISCUSS WITH THE INSTRUCTOR ANY RELEVANT INFORMATION THAT MAY BE USEFUL IN ASSISTING YOU TO SUCCESSFULLY COMPLETE THIS COURSE. IF YOU ARE A QUALIFIED STUDENT WITH A DISABILITY, SEEKING ACCOMMODATIONS UNDER THE ADA, YOU ARE REQUIRED TO SELF-IDENTIFY WITH THE OFFICE OF DISABILITY SERVICES, ROOM 203, STUDENT UNION. NO ACCOMMODATIONS WILL BE GRANTED WITHOUT DOCUMENTATION FROM THE OFFICE OF DISABILITY SERVICES.

BECAUSE THIS IS A SENIOR-LEVEL COURSE, PROFESSIONAL STANDARDS OF CONDUCT WILL BE EXPECTED, INCLUDING CARE OF EQUIPMENT AND FACILITIES, PROMPTNESS IN COMPLETION OF ASSIGNMENTS, SELF DISCIPLINE, AND HONESTY. VIOLATION OF THESE STANDARDS CAN AFFECT YOUR FINAL GRADE IN INDUSTRIAL TECHNOLOGY 492H.

STUDENTS SHOULD NOTE THAT REPERCUSSIONS OF ACADEMIC DISHONESTY ARE DISCUSSED IN THE UNIVERSITY CATALOGUE.

Important Dates and Notes:

1. Students will NOT automatically be dropped from class. Students who choose to drop must do so by the semester deadline! Friday, March 16, 2007 is the last day to withdraw from classes.
2. **Monday, March 19 – Thursday March 22, 2007** is **early registration** for the **Summer 2007** Semester. **Monday, April 2 – Thursday April 5, 2007** is **early registration** for the **Fall 2007** Semester.

3. The students Southeastern Louisiana University e-mail address **MUST** be used for all e-mail communication between students and faculty/administration/staff. Students are encouraged to check their Southeastern e-mail frequently for important communications from the university.

**Useful references for the course:**

The students are encouraged to visit traditional libraries and online sources of information regularly. Many of the course assignments require such visits, but the visits should not be limited to completion of assignments. The following references are but a few, which may prove to be helpful in finding valuable CNC information.


Also the following online sources:

http://www.discover.com/feb_00/feat3dfax.html

http://www.manufacturing.net/

http://www.deskeng.com/articles/01/mar/cover/index.htm