ESM 488 COOPERATIVE INDUSTRIAL PRACTICE (ELECTIVE)

Credit: 0-6

Course Catalog description:

A design engineering course oriented toward both research/development and manufacturing technology. Students work in actual industrial programs carried out cooperatively with companies established as university incubators or with regionally located organizations. Supervised by a committee of faculty and industry representatives to which students report.

PRE- OR COREQUISITE(S): Permission of instructor

TEXT(S) OR OTHER REQUIRED MATERIAL: None

COURSE LEARNING OUTCOMES	SOS	ASSESSMENT TOOLS
Understanding role of design and research skills in industry	b c k	Weekly reports
Effective teaming in industrial setting	d	Final report; employer assessment
Effective presentation and communication skills	g	Final report; employer assessment
Role of engineering ethics in industry	f h	Final report

COURSE TOPICS
Research Internship

CLASS/ LABORATORY SCHEDULE:
Varies with Internship

CURRICULUM

This course contributes 0-6 credit hours toward meeting the required 48 hours of engineering topics.

STUDENT OUTCOMES (SCALE 1-3):

A	B	C	D	E	F	G	H	I	J	K
	2	2	3		2	3	2			3

3 – Strongly supported **2 – Supported** **1-Minimally supported**

LEAD COORDINATOR(S) WHO PREPARED THIS DESCRIPTION AND DATE OF PREPARATION:

Gary Halada, 7/13/2010