

**UNIVERSITY OF CENTRAL FLORIDA
COLLEGE OF ENGINEERING**

**Department of Industrial Engineering and Management Systems
Doctor of Philosophy Program**

November, 1998

<u>Unit Mission</u>	<u>Program Intended Outcome/Objective</u>	<u>Assessment Criteria and Procedures</u>	<u>Assessment Results/Comments</u>	<u>Use of Results</u>
<p>The Department of Industrial Engineering and Management Systems is committed to preparing highly skilled researchers with broad knowledge of industrial engineering for careers in academia, industry, and government.</p>	<p>1. Graduates are able to conduct high-quality, doctoral research.</p>	<p>1a. At least 70% of graduates have published (as indicated by notice of acceptance) at least one refereed journal article related to their doctoral research within 2 years of graduation.</p>	<p>1a. Based on faculty input, of the 9 PhD graduates from 1990 through 1995, 4 (44%) are known to have published a refereed journal article related to the doctoral research within 2 years of graduation. 2 (22%) are known to have none.</p>	<p>1. Research by PhD graduates may not be published within two years of graduation because of, for example, long journal review times, employers' expectations, and personal priorities. IEMMS will continue to monitor the post-graduation professional development of its PhD graduates and to encourage publication of all doctoral research.</p>
	<p>1b. At least 80% of graduates have published (as indicated by notice of acceptance) at least one refereed paper related to their doctoral research within 2 years of graduation.</p>	<p>1b. Of the 9 PhD graduates from 1990 through 1995, 6 (67%) are known to have published at least one refereed paper related to their doctoral research within 2 years of graduation.</p>	<p>1b. See <i>Use of Results</i> for 1a.</p>	
	<p>1c. At least 90% of graduates have made a presentation related to their doctoral research at a major professional meeting or conference within 2 years of graduation.</p>	<p>1c. Of the 9 PhD graduates from 1990 through 1995, 6 (67%) are known to have made at least one professional presentation related to their doctoral research within 2 years of graduation.</p>	<p>1c. See <i>Use of Results</i> for 1a.</p>	
	<p>2. Graduates are successful in</p>	<p>2a. At least 80% of graduates</p>	<p>2a. 4 survey responses were</p>	<p>2a. All PhD graduates</p>

finding professional employment within one year of graduation.

seeking professional employment are employed or have accepted employment in a suitable professional capacity within one year of graduation.

received from the 16 graduates from 1990 through 1996. All 4 (100%) of those responding are employed in industry or government.

responding to the survey are employed in suitable capacities.

2b. At least 50% of the graduates seeking academic positions secure such a position within one year of graduation.

2b. 3 PhD graduates from 1990 through 1996 are known to have taken academic positions within one year of graduation.

2b. IEMAS will track PhD students nearing completion and following graduation to determine how successful they are in achieving their employment goals.

3. Graduates are satisfied with their academic program and their experience at UCF.

3a. Three years after graduation, at least 90% of graduates say that they are satisfied with their program and that they would recommend the program to a friend or relative. Specific comments about program strengths and weaknesses will be sought.

3a. One response was received from the 8 PhD graduates from the years 1990 through 1994. The respondent is very satisfied with the PhD program and would recommend the program to a friend, relative, or colleague. One 1997 graduate is very satisfied with the program.

3a. No program change warranted.

3b. At least 90% of graduation candidates say that they are satisfied with their program and that they would recommend the program to a friend or relative. Specific comments about program strengths and weaknesses will be sought.

3b. Two responses from graduation candidates indicate that the candidates are satisfied with the PhD program and would recommend the program to a friend, relative, or colleague.

3b. No program change warranted.