

Department: Electrical and Computer Engineering
Chair: Dr. W. B. Mikhael
Participating Faculty: Dr. C. Bauer
 Dr. B.E. Petrasko
 Dr. R. DeMara

Program Name & CIP Code: Doctor of Philosophy in Computer Engineering-14.0901 Level: Graduate

Unit Mission	Dept./Pgm Intended Outcomes Objectives	Assessment criteria & Procedures	Assessment Results	Use of Results
<p>To attain prominence in Computer Engineering graduate education and research.</p>	<p>1. Graduates are successful in attaining employment in an area of computer engineering.</p>	<p>1. At least 85% of UCF graduates who seek employment in an area of computer engineering are employed or offered employment within a year of graduation as assessed by the Florida Educational and Training Placement Information Program (FETPIP) survey.</p>	<p>1. No FETPIP data available. Faculty survey indicates 100% level.</p>	<p>1. Criteria met, continue to review for possible enhancement. Any FETPIP Survey results which indicate non-compliance are forwarded to the ECE Graduate Curriculum Committee and then to either the Digital Systems Committee or the Software Committee for corrective action in subject areas. The Graduate Committee is responsible for follow-up.</p>
	<p>2. The graduates possess competence in selected technical areas of interest within the design and application of computer systems</p>	<p>2. 100% of the graduates perform satisfactory level of 70% correct on the Ph. D. qualifying examination. The results of the biannual Ph. D. Qualifying Examination are reviewed</p>	<p>2. 100% of graduates of the Ph. D. program in Computer Engineering are employed in the field of Computer Engineering within one year of graduation.</p>	<p>2. Criteria met, continue to review for possible enhancement. Any FETPIP Survey results which indicate non-compliance are forwarded to the ECE Graduate Curriculum Committee and then to</p>

		<p>by the ECE Graduate Committee. The committee evaluates the performance of the students as unsatisfactory, satisfactory, or above satisfactory.</p>		<p>either the Digital Systems Committee or the Software Committee for corrective action in subject areas. The Graduate Committee is responsible for follow-up.</p>
	<p>3. Graduates will be able to conduct independent research and publish the results of their work in scientific societies.</p>	<p>3. 80% of graduates will publish a referenced paper about their research within two years of their graduation.</p>	<p>3. Data available (100%) indicated that the goal is met.</p>	<p>3. Compliance has been achieved. In the event of non-compliance, a publication plan is developed in consultation with graduate's faculty advisor.</p>
	<p>4. Graduates are perceived by their employers as being properly prepared.</p>	<p>4.1 At least 85% of UCF Ph. D. graduates are rated by their employers as average or exceeding average in comparison to graduates of other universities. University Employer Survey Questions D and 2,3,4 in are tabulated to determine the percentage of employers responding with an average or exceeding average rating.</p> <p>4.2 All major employers of EE Ph.D. Graduates are satisfied with the EE program in generating well educated graduates.</p>	<p>4.1 Data available (98%) at the university and college levels indicated that the goal is reached. [1]</p> <p>4.2 Data available from 1998 IAB meeting indicates 100% satisfaction level.</p>	<p>4.1 Criteria met, continue to review for possible enhancement. Any FETPIP Survey results which indicate non-compliance are forwarded to the ECE Graduate Curriculum Committee and then to either the Digital Systems Committee or the Software Committee for corrective action in subject areas. The Graduate Committee is responsible for follow-up.</p> <p>4.2 Criteria met, continue to review for possible enhancement. Any FETPIP Survey results which</p>

		<p>To perform the above assessment, conduct an annual review of the EE curriculum by the ECE Industrial Advisory Board (IAB) for possible improvement in all areas.</p>		<p>indicate non-compliance are forwarded to the ECE Graduate Curriculum Committee and then to either the Digital Systems Committee or the Software Committee for corrective action in subject areas. The Graduate Committee is responsible for follow-up.</p>
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[1] With the exception of FETPIP survey, and IAB Questionnaire, all other data available are inter-disciplinary and therefore may be used for more than one program.