

Department: Electrical and Computer Engineering
Chair: Dr. W.B. Mikhael
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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.</p>	<p>1. All (100%) graduates of the Ph. D. program in Computer Engineering are employed in the field of Computer Engineering within one year of graduation.</p>	<p>1. Compliance has been achieved. In the event of non-compliance, the ECE Graduate Committee asks the appropriate ECE sub-discipline curriculum committee, either the Digital Systems Committee or the Software Committee, to prepare a plan for corrective action in subject areas. The Graduate Committee is responsible for follow-up.</p> <p>2. Compliance has been achieved. In the event of non-compliance, the ECE Graduate Committee asks the appropriate ECE sub-discipline curriculum committee, either the Digital Systems Committee or the Software Committee, to</p>
	<p>2. The graduates possess competence in selected technical area 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 bi-annual Ph.D. Qualifying Examination are reviewed by the ECE Graduate</p>	<p>2. All (100%) of Ph.D. candidates achieved a rating of satisfactory or better.</p>	

		<p>Committee. The committee evaluates the performance of the students as unsatisfactory, satisfactory, or above satisfactory.</p>		<p>prepare a plan 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 refereed paper about their research within 2 years of graduation.</p>	<p>3. Data indicates that 6 out of 7 graduates (86%) had published their work.</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 MSCPE graduates are rated by their employers as "average in comparison to graduates of other universities" or as "exceeding average in comparison to graduates of other universities." University Employer Survey Questions D in 1994-1995 and 2, 3, and 4 in subsequent year surveys are tabulated to determine the percentage of employers responding with an "average" or "above average" rating.</p>	<p>4.1 Data available indicates that the goal is reached with an aggregate score of 97% of responses being positive with respect to the criteria.</p>	<p>4.1 Compliance has been achieved. In the event of non-compliance, the ECE Graduate Committee asks the appropriate ECE sub-discipline curriculum committee, either the Digital Systems Committee or the Software Committee, to prepare a plan for corrective action in subject areas. The Graduate Committee is responsible for follow-up.</p>
		<p>4.2 The ECE Industrial</p>	<p>4.2 The 23 responses</p>	<p>4.2 Compliance has been</p>

		<p>Advisory Board (IAB) feedback forms are reviewed to determine employer satisfaction rates.</p>	<p>from members of the ECE Industrial Advisory Board during the 1994-1995 and 1995-1996 academic years indicate 100% employer satisfaction.</p>	<p>achieved. In the event of non-compliance, Industrial Advisory Board results are forwarded to the ECE Graduate Curriculum Committee. The Graduate Curriculum Committee asks the appropriate subdiscipline committee to prepare a plan for corrective action. The plan may include changes to the curriculum. *</p>
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With the exception of FETPIP survey, all other data available are inter-disciplinary and therefore may be used for more than one program.