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**Chair:** Dr. W.B. Mikhael  
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**Program Name & CIP Code: Masters of Science in Computer Engineering-14.0901 Level: Graduate**

<b>Unit Mission</b>	<b>Dept./Pgm Intended Outcomes Objectives</b>	<b>Assessment Criteria &amp; Procedures</b>	<b>Assessment Results</b>	<b>Use of Results</b>
<p>To attain prominence in areas of 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 80% 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. Annual summary FETPIP findings indicate that 8 out of 10 Florida respondents (80%) who graduated with a Masters degree from UCF in this discipline were employed and working on a full-time basis.</p>	<p>1. Compliance has been achieved. Any FETPIP Survey results which indicate non-compliance are forwarded to the ECE Graduate Curriculum Committee for implementation of necessary changes to the curriculum.</p>
	<p>2. The graduates possess competence in selected technical area of interest within the design and application of computer systems.</p>	<p>2.1 At least 80% of the graduates which select the non-thesis option pass the advanced software engineering portion and the computer architecture portion of the Masters Comprehensive Exam. The ECE Graduate Committee reviews the results of the comprehensive exam and assigns a rating of unsatisfactory, satisfactory or above satisfactory for each student.</p>	<p>2.1 Data indicates that 100% of the students satisfy the criteria.</p>	<p>2.1 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>2.2 At least 80% of the graduates selecting the thesis option will be evaluated by a committee of three faculty to be "satisfactory" or "above satisfactory" on the quality and presentation of their work.</p> <p>A committee of at least three faculty in the computer engineering discipline evaluates the student thesis as unsatisfactory, satisfactory or above satisfactory. In addition, statements regarding weaknesses are provided by the committee.</p>	<p>2.2 100% of these were found to be satisfactory.</p>	<p>2.2 Criteria met. If the assessment criteria is not met in the future the ECE Graduate Committee will ask the appropriate sub-discipline curriculum committee to prepare a plan for corrective action.</p>
	<p>3. Graduates are perceived by their employers as being properly prepared.</p>	<p>3.1 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"</p>	<p>3.1 Survey results indicate that 97% of the employers responded that UCF graduates were "average" or "above average."</p>	<p>3.1 Criteria met. Survey results are forwarded to the ECE Graduate Curriculum Committee. The Graduate Curriculum Committee asks the appropriate sub-discipline committee to prepare a plan for corrective action. The plan may include changes to the curriculum.</p>

		<p>or "above average" rating.</p> <p>3.2 The ECE Industrial Advisory Board (IAB) feedback forms are reviewed to determine employer satisfaction rates.</p>	<p>3.2 The 23 responses from members of the ECE Industrial Advisory Board during the 1994-1995 and 1995-1996 academic years indicate 100% employer satisfaction.</p>	<p>3.2 Criteria met. In the event of non-compliance, the 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 FETPP survey, all other data available are inter-disciplinary and therefore may be used for more than one program.