## Electrical and Computer Engineering

**Program: Electrical and Computer Engineering**  
Degree: Master of Science Program (Thesis Option)  
Date Submitted: April 28, 2006; Revised July 20, 2007

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<th>Program Learning Outcomes</th>
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| Students will be able to: | • Demonstrate technical proficiency in at least one area of Electrical and Computer Engineering  
• Degree to which outcome is demonstrated at the comprehensive exam  
• Student has chosen a set of appropriate courses in a technical area and has successfully completed them | • Forms completed at comprehensive exam by the student’s committee  
• M.S. degree program planning form. Identify the set of courses and approved by faculty advisor and the DGS  
• Review graduate audit form with respect to planning form | • DGS collects and reviews forms |
| • Communicate research results to a scientific audience | • Students give presentation in research seminars  
• Students give presentation at conferences  
• Students write thesis and present research results at the oral defense exam | • Number of students who gave seminar(s)  
• Number of students who present at conference(s)  
• All students pass comprehensive exam and thesis defense | • Administrative assistant collects seminar information from instructors. Review annually by the graduate committee  
• Students submit annual activity report to DGS to be reviewed by graduate committee  
• Graduate school (see completed final form) |