# Program of Study for MSEE: Plan-A

Student Name: _________________________________ Red ID# ____________________________

**Area of Specialization:**

*See Instructions on the backside of this page*

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Name</th>
<th>Units</th>
<th>C/D/B (Core/Depth/Breadth)</th>
</tr>
</thead>
<tbody>
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<td>3 B</td>
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<tr>
<td>EE 797</td>
<td>Research</td>
<td>3 C</td>
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<tr>
<td>EE 797</td>
<td>Research</td>
<td>3 C</td>
<td></td>
</tr>
<tr>
<td>EE 799A</td>
<td>Thesis</td>
<td>3 C</td>
<td></td>
</tr>
</tbody>
</table>

Number of 500 level units: (12 maximum) ________
Number of 600 and 700 level course units ________
EE 797 (6) and 799A (3): (9 total) ________
Number of Transfer units: (9 maximum) ________
(Attach the description of transfer courses)

**Total number of units:** 30

__________________________________________________________
Signature of Student / Date

__________________________________________________________
Signature of Thesis Advisor / Date

__________________________________________________________
Signature of Graduate Advisor / Date
Summary of Suggested “Depth Courses” for the Areas of Specializations (Note: the list is not exhaustive)

**Communications**: EE 558, 602, 641, 650, 652, 653  
**Computer Networks**: CompE 560, 565; EE 602, 660, 662, 665  
**Electromagnetic Systems**: EE 534, 540, 602, 631, 634, 641, 645, 674  
**Embedded Systems**: CompE 561, 570, 571; EE 522, 602, 662  
**Energy Systems and Control**: EE 522, 581, 584, 596, 600 (Advanced Power Electronics), 601  
**Signal Processing**: CompE 565; EE 602, 654, 657, 658  
**VLSI**: CompE 570, 572; EE 530, 600 (VLSI Testing), 602, 634, 670, 674

**Instructions for Plan A**:  

**Plan A**: Students are required to take **6 units** of EE797, **3 units** of EE799A (Thesis), **12 units** from the depth area and **6 units** of breadth courses.

**Note-1**: The core courses of each area of specialization are listed in the Course Selection Guideline.

**Note-2**: Students can take only one course from outside the department with the approval of the Graduate Advisor.