CANDIDATES FOR THE MASTER OF SCIENCE IN MECHANICAL ENGINEERING  
(WITH THESIS)  
DEGREE PLAN

Name: _______________________________  Student number: _______________________________ 
Cumulative GPA: _______________  Mechanical Engineering GPA: ________________

Courses completed or in progress:

Course number  Course name  semester  grade

A. 3 Hours of Mathematics (MECE 6384)

MECE 6384  Methods of Applied Mathematics

B. 9 Hours of Core Mechanical Engineering

* You are allowed to take any 3 MECE courses from below.

<table>
<thead>
<tr>
<th>Controls</th>
<th>MECE 6397 Control Systems Analysis and Design; MECE 6374 Nonlinear Control Systems</th>
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<tbody>
<tr>
<td>Materials</td>
<td>MECE 6361 Mechanical Behavior of Materials; MECE 6363 Physical Metallurgy; MECE 6364 Phase Transform in Materials</td>
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<tr>
<td>Mechanics</td>
<td>MECE 6377 Continuum Mechanics I; MECE 7397 Advanced Mechanics of Solids</td>
</tr>
<tr>
<td>Thermo-Fluids</td>
<td>MECE 6334 Convection Heat Transfer; MECE 6345 Fluid Dynamics I</td>
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MECE _______________________________  _______________________________  __________
MECE _______________________________  _______________________________  __________
MECE _______________________________  _______________________________  __________

C. 9 hours of coursework (ENGR, NSM, BUS, LAW)

______________________________  _______________________________  __________
______________________________  _______________________________  __________
______________________________  _______________________________  __________

D. 9 hours of thesis

MECE 6399  Master's Thesis

MECE 7399  Master's Thesis

MECE 7399  Master's Thesis  Date of Defense

E. Deficiency or leveling courses (if any)

______________________________  _______________________________  __________

F. ____________________________________________________________________________  Date: __________
   Signature of Program Director

G. ____________________________________________________________________________  Date: __________
   Signature of Thesis Advisor