

CANDIDATES FOR THE MASTER OF SCIENCE IN MECHANICAL ENGINEERING

(NON-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 | Methods of Applied Mathematics | _____ | _____ |

B. 9 Hours of Core Mechanical Engineering Coursework

**consisting from three different Core Areas as detailed below.*

| | |
|----------------------|--|
| Controls | MECE 6397 Control Systems Analysis and Design; MECE 6374 Nonlinear Control Systems |
| Materials | MECE 6361 Mechanical Behavior of Materials; MECE 6363 Physical Metallurgy; MECE 6364 Phase Transform in Materials |
| Mechanics | MECE 6377 Continuum Mechanics I; MECE 7397 Continuum Mechanics II |
| Thermo-Fluids | MECE 6334 Convection Heat Transfer; MECE 7397 Advanced Fluid Dynamics I |

| | | | |
|------|-------|-------|-------|
| MECE | _____ | _____ | _____ |
| MECE | _____ | _____ | _____ |
| MECE | _____ | _____ | _____ |

C. 9 Hours of Elective Mechanical Engineering Coursework

**MECE 6000-level or above, exclusive of graduate seminar (MECE 6111) and Graduate Project (MECE 6368).*

| | | | |
|------|-------|-------|-------|
| MECE | _____ | _____ | _____ |
| MECE | _____ | _____ | _____ |
| MECE | _____ | _____ | _____ |

D. 9 Hours of Elective Coursework

**6000-level or above from preapproved courses in the College of Engineering, the College of Natural Science and Mathematics, the Bauer College of Business, and the UH Law Center, with no more than three hours from one academic unit (department or program).*

| | | | |
|-------|-------|-------|-------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

E. _____
Signature of Department Advisor

Date