

Students must earn a grade of C or better in each course that is used to meet certificate requirements.

Name: _____

ID Number: _____

Certificate Completion Date: _____

Degree Sought: _____

Expected Graduation Date: _____

Minimum credits required: 16

Required Courses (10 credits)

___ EE4219 Introduction to Electric Machinery and Drive Lab (3) **AND**

___ EE4220 Introduction to Electric Machinery and Drives Lab (1)

___ MEEM4200 Principles of Energy Conversion (3)

___ EE/MEEM4295 Intro to Propulsion Systems for Electric Drive Vehicles (3)

Electives (choose 6 credits or more)

___ CM3230 Thermodynamics for Chemical Engineers (4) ***

___ EE3120 Electric Energy Systems (3)*

___ EE4227 Power Electronics (3)

___ EE3261 Control Systems (3)

___ EE4901 EE Design Project I (1) **

___ EE4910 EE Design Project II (3) **

___ EE/MEEM4296 Intro to Propulsion Systems for Electric Drive Vehicles Lab (1-3)

___ ENG3200 Thermodynamics/Fluid Mech (3) ***

___ MEEM4220 Internal Combustion Engines I (3)

___ MEEM4700 Dynamic Systems & Controls (4)

___ MEEM4901 Senior Capstone Design I (2)**

___ MEEM4911 Senior Capstone Design II (2)**

___ MY3100 Materials Processing (1)***

Maximum of 3 credits of the following:

___ ENT3950 Enterprise Project Work III (1)**

___ ENT3960 Enterprise Project Work IV (1)**

___ ENT4950 Enterprise Project Work V (2)**

___ ENT4960 Enterprise Project Work VI (2)**

___ ENT4951 Enterprise Project Work VII (1)**

*not allowed for students majoring in Electrical Eng.

**requires Certificate advisor approval of project

***not allowed for students majoring in Mech. Eng.

Student

Date

Certificate Advisor

Date