Name (please print): ____________________________________________________________________________

Student Number: ___________________________

Primary Major: _____________________________

Expected Major Completion Term: ________________

**Required Courses (6-7 credits)**

- _____ EC3400 Economic Decision Analysis (3)
- _____ MEEM2500 Integrated Design & Manuf (4) **OR** MEEM3600 Introduction to Manuf (3)

**Elective Courses (12 credits)**

**Process Courses**
*Select at least 3 credits from the following Process Courses:*

- _____ ENT3966 Design for Manufacturing (1)
- _____ MEEM4610 Adv. Machining Processes (3)
- _____ MEEM4625 Precision Manuf. & Metrology (3)
- _____ MEEM4635 Design with Plastics (3)
- _____ MEEM4640 Micromanufacturing Processes (3)
- _____ MY4130 Principles of Metal Casting (3)
- _____ MY4800 Material & Processing Selection (3)

**System Courses**
*Select at least 3 credits from the following System Courses:*

- _____ ENT3959 Fundamentals of Six Sigma 1 (1)
- _____ ENT3967 Six Sigma II (1)
- _____ MEEM4630 Human Factors (3)
- _____ MEEM4650 Quality Engineering (3)
- _____ MEEM4655 Production Planning (3)
- _____ MEEM4660 Data Based Modeling & Control (3)
- _____ MEEM4685 Environmentally Responsible Design Manufacturing (3)
- _____ MEEM4705 Intro Robotics & Mechatronics (4)
- _____ MEEM5655 Lean Manufacturing (3)
- _____ MEEM5680 Optimization I (3)

Minimum Credits Required = 18*
*A minimum of 9 credits are required at the 3000-level or higher*

Student __________________ Date ____________

Department Advisor __________________ Date ____________

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Department of Mechanical Engineering - Engineering Mechanics

**Minor in Manufacturing**

**EMMF**

Academic Year 2016-17