

Name (please print): _____
(Last) (First) (Middle)

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 _____