Degree Services
Registrar’s Office

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

Student Number: ___________________________

Primary Major:_____________________________   Expected Major Completion Term: __________________

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**Minor in Manufacturing**

**EMMF**

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**Required Courses – 7 credits**

- EC3400 Economic Decision Analysis (3)
- MEEM2500 Integrated Design & Manuf.(4)

**Elective Courses – Process and System (12 credits)**

Select 6 credits from the following Process Courses:

- ENT3966 Design for Manufacturing (1)
- MEEM4610 Adv. Machining Processes (3)
- MEEM4615 Metal Forming Processes (4)
- MEEM4625 Precision Manuf. & Metrology (3)
- MEEM4635 Design with Plastics (3)
- MEEM4640 Micro-manufacturing Processes (3)
- MY4130 Principles of Metal Casting (3)
- MY4800 Material and Processing Selection in Design (3)

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**Elective Courses (Continued)**

Select 6 credits from the following System Courses:

- OSM4000 Supply Chain Management (3)
- MEEM4630 Human Factors (3)
- MEEM4650 Quality Engineering (3)
- MEEM4655 Production Planning (3)
- MEEM4660 Data Based Modeling (3)
- MEEM4685 Environmentally Responsible Design Manufacturing (3)
- MEEM4705 Intro Robotics & Mechatronics (4)
- MEEM5655 Lean Manufacturing (3)
- MEEM5680 Optimization I (3)

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Credits Required = 19

Total Credits _______

Courses listed in this minor have the following prerequisites (shown in parenthesis). Concurrency is illustrated by the letter C: MEEM4705 (MEEM4700 C), MEEM4650 (MA3710), MEEM4640 (MEEM3502 C), MEEM4635 (MY2100 and MEEM2150 and MEEM3210 and MEEM3230 C), MEEM4625 (MEEM3700 C and MEEM3502 C), MEEM4665 (MEEM3501 C), BA4690 (UN2002), EC3400 (UN2002), MY4130 (MY2100), MEEM2500 (ENG1102 and MY2100 C), BA4620 (BA3610 and BA3800 and BA2110 and BA2110), MEEM4610 (MEEM2500)

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Student        Date        Department Advisor         Date

Academic Year 2012-13