Name (please print): ____________________________________________________________________________

(First) (Last) (Middle)

Student Number: ___________________________

Primary Major: ____________________________ Expected Major Completion Term: __________________

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:

_____ ENG3966 Design for Manufacturing (1)
_____ MEEM4610 Adv. Machining Processes (4) or
_____ MEEM4610D Adv. Machining Processes (3)

_____ MEEM4615 Metal Forming Processes (4) or
_____ MEEM4615D Metal Forming Processes (3)

_____ MEEM4620 Metal Forming & Cutting Mach. (3)
_____ MEEM4625 Precision Manuf. & Metrology (3)
_____ MEEM4635 Design with Plastics (3)
_____ MEEM4640 Micro-manufacturing Processes (3)
_____ MEEM4993D Design for Manufacturability (3)
_____ MY4130 Principles of Metal Casting (3)

Elective Courses (Continued)
Select 6 credits from the following System Courses:

_____ BA4620 Supply Chain Management (3)
_____ BA4690 System Thinking & Dynamic Modeling (3)

_____ MEEM4650 Quality Engineering (3)
_____ MEEM4655 Production Planning (3)
_____ MEEM4660 Data Based Modeling (3)
_____ MEEM4665 Manufacturing System Simulation (3)

_____ MEEM4675 Materials Handling – Plant Layout (3)

_____ MEEM4685 Environmentally Responsible Design Manufacturing (3)

_____ MEEM4705 Automation and Robotics (4)

Credits Required = 19
Total Credits _______

Note: Courses with a ‘D’ designation are available only to Distance Learning students participating in the BSE or Certification programs at our participating Industrial Partners.

The following courses listed in the Manufacturing Minor have prerequisites (shown in parenthesis) that are not included above:
MEEM4610D (MEEM2500), BA4690 (UN2002), ENG3966 (ENG1102), MEEM4655 (MEEM3501 C), MEEM4993D (MEEM2500 and MEEM4992D and MY2100), MEEM4705 (MEEM4700 C), MY4130 (MY2100), MEEM4610 (MEEM2500), MEEM4650 (MA3710), MEEM4640 (MEEM3502 C), EC3400 (UN2002), MEEM4635 (MY2100 and MEEM2150 and MEEM3210 and MEEM3230 C), MEEM4625 (MEEM3700 C and MEEM3502 C), MEEM4620 (MEEM3502 C), MEEM2500 (ENG1102 and MY2100 C), MEEM4615 (MEEM2500 and MEEM2150), BA4620 (BA3610 and BA3800 and BA2110), MEEM4615D (MEEM2500 and MEEM2150)

Student Date Department Advisor Date

Academic Year 2005-06