



Student Name and ID Number _____

Required Courses: 6 - 7 credits	Credits
EC 3400 Economic Decision Analysis (3)	
MEEM 2500 Integrated Design & Manuf (4) OR MEEM 3600 Introduction to Manuf (3)	

Elective Courses: 12 credits	Credits
Process Courses: Select at least 3 credits	
ENT 3966 Design for Manufacturing (1)	
MEEM 4610 Adv Machining Processes (3)	
MEEM 4625 Precision Manuf. & Metrology (3)	
MEEM 4635 Design with Plastics (3)	
MEEM 4640 Micromanufacturing Processes (3)	
MY 4130 Principles of Metal Casting (3)	
MY 4777 Open-Source 3-D Printing (3)	
MY 4800 Material & Processing Selection (3)	
System Courses: Select at least 3 credits	
ENT 3959 Fundamentals of Six Sigma 1 (1)	
ENT 3967 Six Sigma II (1)	
MEEM 4630 Human Factors (3)	
MEEM 4650 Quality Engineering (3)	
MEEM 4655 Production Planning (3)	
MEEM 4705 Intro Robotics & Mechatronics (4)	
MEEM 5655 Lean Manufacturing (3)	
MEEM 5680 Optimization I (3)	
Total Credits Required = 18	

Prerequisite courses can be found in the undergraduate catalog.

Student Signature _____ Date _____

Academic Advisor Signature _____ Date _____