Minor in Manufacturing

EMMF

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)

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)  
_____ MEEM4685 Environmentally Responsible Design Manufacturing (3)  
_____ MEEM4705 Intro Robotics & Mechatronics (4)  
_____ MEEM5655 Lean Manufacturing

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), MEEM4615 (MEEM2500 and MEEM2150), MEEM4655 (MEEM3501 C), BA4690 (UN2002), EC3400 (UN2002), MY4130 (MY2100), MEEM2500 (ENG1102 and MY2100 C), BA4620 (BA3610 and BA3800 and BA2110 and BA2110), MEEM4610 (MEEM2500)