QUALITY ENGINEERING AND MANAGEMENT
CHECKLIST
THESIS OPTION

NAME:____________________________________________________ ID NO._________________________

THESIS REQUIREMENT: 24 semester hours of graduate coursework, 6 semester hours of thesis (QEM 599)

Complete the following prerequisites prior to enrolling in core courses

Note: If any of these courses have been taken for undergraduate credit, they CANNOT be applied towards graduate credit hours in the QEM degree.

____IMAE 450-3 Project Management (Prerequisites: None) ............................................ FA_________
____IMAE 465-3 Lean Manufacturing (Prerequisite: none) ................................................. FA_________
____IMAE 470a-3 Six Sigma Green Belt (Prerequisite: none) .............................................. FA_________
____IMAE 470b-3 Six Sigma Green Belt II (Prerequisite: IT 470a or instructor consent)............. FA/SP_________
____IMAE 480-3 Six Sigma Black Belt (Prerequisite: IT 470a, 470b or instructor consent) ......... SP_________

Complete ALL four (4) core courses
QEM 510-3 Quality Assurance (Prerequisites: IT 470a and 470b) ........................................ FA_____
QEM 525-3 Six Sigma Black Belt II (Prerequisites: IT 470a, 470b, and 480) ......................... SP_________
QEM 530-3 Lean Manufacturing II (Prerequisite: IT 465) .................................................... FA_____
QEM 540-3 Reliability Analysis (Prerequisite: IT 470b) ....................................................... SP_____

Complete additional graduate elective courses to satisfy 24 semester hours of graduate coursework
QEM 535-3 Service Quality (Prerequisite: none) ................................................................. SP_____
QEM 545-3OL Project Management II (Prerequisite: IT 450) .............................................. SP_____
QEM 550-3 Project Leadership (Prerequisite: none) ......................................................... FA_____
QEM 555-3OL Human Safety and Risk Management (Prerequisite: none) ......................... SP_____
QEM 565-3OL Management of Information Resources (Prerequisite: none) ...................... FA_____
QEM 570-3OL Energy Management and Conservation (Prerequisite: none) ...................... FA_____

TOTAL HOURS COMPLETED...........................................................................................

Graduation Requirements:
__ Minimum overall GPA of 3.0.
__ A student must earn an A, B, or C in any graduate course accepted for graduate credit.
__ Minimum of 21 hours of graduate coursework graded A, B, or C.
__ At least one-half of the required number of credit hours earned at SIUC.
__ Completion of all courses as indicated in the course of study.
__ Completion of 4 core and 4 departmental approved graduate-level courses.
__ Must complete degree within 6 years.

Department Representative:____________________________ Date:________________