

**QUALITY ENGINEERING AND MANAGEMENT
CHECKLIST
NON-THESIS OPTION**

NAME: _____ ID NO. _____

NON-THESIS REQUIREMENT: 30 semester hours of graduate coursework

Sem. _____ Grade _____

Complete ALL prerequisites required 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 30 semester hours of graduate coursework

QEM 535-3 Service Quality (Prerequisite: none)..... SP _____

QEM 545-3OL Project Management II (Prerequisite: IT450)..... 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 6 departmental approved graduate-level courses.
- ___ Must complete degree within 6 years.

Department Representative: _____ **Date:** _____