

Master Course Syllabus

Department: Engineering Technology **Course Prefix/Number:** MQL 598

Official Course Title: Seminar in Manufacturing Quality Topics

Master Syllabus Approved by Department on: 10/27/2005

I. Catalog Description: This course guides the student toward an in-depth understanding of the principles, techniques and applications of quality in modern manufacturing companies. The student will review current literature in the field of quality management and write a comprehensive proposal or report on the topic.

II. Prerequisites: MLQ 525 or concurrent enrollment

Expanded Course Description: This seminar is designed to guide the student through a thorough review of recent literature concerning quality management in manufacturing. The result will be a detailed report tying together the findings of other researchers and experts.

The student will begin with a review of literature with a broad approach to the topic. As the review progresses continues, the focus will narrow to a specific area of quality Management in manufacturing, factors affecting productivity, Measures of organizational success or other topics related to manufacturing quality or leadership.

IV. Knowledge Outcomes: Depth in a particular topic will be obtained by the student through the term project. This review is intended to support the students proposed research, therefore the research problem statement or specific research topic should guide the student toward appropriate literature. Recent books, technical and professional journals, academic writings and professional magazines and trade publications are all suitable sources for information.

V. Unless otherwise stipulated in this master syllabus by the department, the following items are subject to faculty discretion as described in each faculty member's individual course outline/syllabus:

- a) Course Requirements? (grading/evaluation procedures; class attendance policy; term papers, projects, field assignments; examinations; class participation, etc.)
- b) Required Text(s)?
- b) Bibliography?

Department Head Signature/Date:

Signature

_____/_____/_____
Date