

Master Syllabus

OPT 2223 - Quality Systems & Auditing

Division: Science, Mathematics and Engineering

Department: Operations Technology

Credit Hour Total: 2.0

Lecture Hrs: 1.0 **Lab Hrs:** 2.0

Date Revised: December 2012

Course Description:

Course will prepare students to understand the standards, requirements and implementation strategies of major quality systems including ISO, QS and AS. Additional focus on development and implementation of internal auditing programs. One classroom, two lab hours per week.

General Education Outcomes:

- Oral Communication Competency
- Written Communication Competency
- Critical Thinking/Problem Solving Competency
- Values/Citizenship/Community Competency
- Computer Literacy Competency
- Information Literacy Competency

Course Outcomes:

Determine Readiness for Quality Standards

Demonstrate the ability to determine an organization's conformance to quality standards.

Assessment Method: Locally developed exams

Performance Criteria: 70% of students correctly answer at least 70% of applicable exam questions.

Documentation of Quality Systems

Demonstrate proficiency in documenting efficient quality systems.

Assessment Method: Locally developed exams

Performance Criteria: 70% of students correctly answer at least 70% of applicable exam questions.

Understand Quality Standards

Demonstrate a basic understanding of all the areas covered by the quality standards.

Assessment Method: Locally developed exams

Performance Criteria: 70% of students correctly answer at least 70% of applicable exam questions.

Outline:

Auditing Overview
Auditing Concepts
Documentation
Team Roles
Team Dynamics
Continuous Improvement
Auditing Tools