

QUALITY MANAGEMENT SYSTEMS (QMS)

QMS 101 (3 credit hours)

Introduction to Quality Systems

Students are introduced to fundamental concepts, principles, and practices used to improve quality in organizations. The need for organizational change is reviewed and paradigms of quality are introduced. An overview of areas of change, methods of quality planning, and methods for implementing quality policies are provided. Students will practice problem solving techniques, make decisions based on data, work in teams, troubleshoot, and demonstrate knowledge of implementing continuous improvement processes. Lecture: 3 credits (45 contact hours).

Attributes: Course Also Offered in Modules, Technical

Components: LEC: Lecture

QMS 210 (3 credit hours)

Lean Processes

Introduces the concepts and skills of lean processing for manufacturing and service settings. Covers organizational readiness, 5S, value stream mapping, kaizen, and visual workplace. Examines the implementation of processing. Lecture: 3 credits (45 contact hours).

Pre-requisite: QMS 101 or Consent of Instructor and MA 109 or MT 150.

Attributes: Technical

Components: LEC: Lecture