COURSE SYLLABUS

MAN 200 Quality and Inspection

CREDIT HOURS: 3.00

CONTACT HOURS: 45.00

COURSE DESCRIPTION:
This course is designed to give students a background in precision techniques of part measurement, testing procedures, and SPC principles. Emphasis is placed on CNN machine measurement and related software.

PREREQUISITES: MAN 110, Lab Fee

EXPECTED COMPETENCIES:
Upon completion of this course, the student will be familiar with:

- Acquaint the student with the basic skills required in SPC.
- Acquire the essential information regarding Manufacturing Processing, and Math so the student can interpret SPC charts.
- Develop the ability to solve problems with SPC.
- Foster desirable attitudes in the form of pride in workmanship, individual responsibilities and initiative and cooperation with fellow workers.
- Students will understand classification of monitoring systems, monitoring functions, dynamic process monitoring, continuous processes and environmental monitoring, labeling system, and vision systems.

ASSESSMENT METHODS:
Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

GRADING SCALE:
90%-100% = A
80%-89.9% = B
70%-79.9% = C
60%-69.9% = D
<60% = E