Plan of Study for Certificate in Quality Control – Fall 1995

This certificate program provides training and instruction in the proper use of measuring instruments, data analysis and techniques of statistical quality control, including frequency distributions, process control charts, six sigma concepts and sampling plans. In addition, the course work provides a basis for practical implementation of these techniques in the quality control system of an industrial organization. An in-depth investigation of the jobs of quality control, the role of quality costs, determining customer needs, total quality management, follow-up on field performance and feed-back to further improve the quality system are integral components of this program.

Candidates for this program are required to be formally admitted to Purdue North Central. Mathematics placement tests may be required prior to taking any mathematics course. Students may apply these courses toward an associate degree in mechanical engineering technology.

A certificate will be awarded to those who successfully complete the required coursework.

COURSE			**CR**
MA	15300	Algebra and Trigonometry I	3
MA	15400	Algebra and Trigonometry II	3
STAT	30100	Elementary Statistical Methods	3
MET	14100	Materials I	3
IET	20400	Techniques of Maintaining Quality	3
IET	36400	Total Quality Management	3
		Technical Elective*	3
		CREDIT HOURS	**21**

*Business or Technical elective to suit each individual. Actual course selection, subject to advisor approval, may be from the following: CIMT, CNIT, ECET, GBA, GBG, IET, MET, MFET or MGMT.

11/06/09

Advisor	Student	Date
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