Plan of Study for Certificate in Process Improvement – Fall 2006

This certificate program is designed to provide a solid foundation in the techniques and methodologies used to perform fundamental process analysis and improvement activities. The basis for this certificate program is Six Sigma and Toyota Production System-based methodologies that are prevalent in manufacturing and service industries worldwide. Students who complete this certificate program will be fully prepared to assume roles as process improvement professionals in a wide variety of manufacturing, service, government, or not-for-profit organizations.

Candidates for this certificate are required to be formally admitted to Purdue North Central. Students may apply credit earned in this certificate program towards an associate degree in engineering technology or a bachelor's degree in industrial engineering technology or engineering technology as appropriate.

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

COURSE			**CR**
IET	10400	Industrial Organization	3
IET	25000	Fundamentals of Production Cost Analysis	
IET	34400	Introduction to Simulation	3
IET	36400	Total Quality Management	3
IET	41100	Applications of Lean & Six Sigma Methodologies	3
OLS	27400	Applied Leadership	3
MA	15300	Algebra and Trigonometry I	3
		CREDIT HOURS	**21**

Advisor Student Date

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