Master of Science in Engineering
Concentration: Industrial Engineering
Thesis Option

Course Category	Number	Course Name	SCH	Total SCH
Core Courses				6
	ENGR 510	Introduction to Engineering & Science Research Methods	2	
	ENGR 511	Engineering and Science Research Proposal Development	1	
	ENGR 592	Engineering Computational Methods	3	
Concentration Courses		Pick 3 courses		9
	ENGR 566	Six Sigma and Quality Control	3	
	INEN 502	Operations Research	3	
	INEN 505	Manufacturing and Operations Analysis	3	
	INEN 509	Economics and Decision Making	3	
	INEN 511	Facilities Planning	3	
	INEN 514	Statistical Analysis for Six Sigma	3	
Electives		Pick 3 courses (other electives may be approved by advisor)		9
	INEN 504	Simulation	3	
	INEN 507	Engineering Administration	3	
	INEN 512	Reliability Engineering	3	
	INEN 515	Logistics Planning	3	
	INEN 518	Project Management	3	
	INEN 557	Six Sigma Black Belt Project	3	
	STAT 506	Regression Analysis	3	
	STAT 507	Design and Analysis of Experiments	3	
	STAT 510	Advance Statistics for Quality Improvement	3	
	STAT 520	Theory of Probability	3	
	STAT 521	Theory of Statistics	3	
Thesis				6
	INEN 551	Research and Thesis in IE	6	

Total				30

Degree Codes:	ES MSE ENGR
Concentration:	Industrial Engineering
Contact:	Dr. Jun-Ing Ker
	ker@latech.edu
	318-257-2963
SCH Requirements:	30 SCH
Date:	September 1, 2015