

Certificate of Graduate Study in Lean Six Sigma
Industrial & Systems Engineering
Northern Illinois University



Name _____ Student ID _____

Address _____ Phone _____

City _____ State/Zip _____ Email _____

Major _____

Courses taken to meet the requirements of any certificate offered in the College of Engineering and Engineering Technology may be applied toward an M.S. degree in Industrial and Systems Engineering as long as all the other requirements of the degree are met. Only courses taken at NIU for graduate credit may be applied toward a certificate. **Students must achieve a minimum of a B in each course applied toward all certificates.** Students in catalog year Fall 2019 and later are eligible to use the courses below for this certificate.

This certificate equips graduate students with advanced skills required in manufacturing and service plants that apply the principles of lean production and Six Sigma. Lean production and Six Sigma methodology has become a key component of successful production systems.

Interested students may apply during the beginning of the semester in which they will complete the last of the four (4) courses they have chosen for the certificate. Application should be submitted to the ISYE office. Please contact the Department of Industrial and Systems Engineering (815)753-1282 with any questions.

Take the following two courses (6)

<u>COURSES</u>	<u>COURSE TITLES</u>	<u>SEMESTER COMPLETED/GRADE</u>	
ISYE 539	Six Sigma Performance Excellence and Modern Problem Solving (3)		
ISYE 550 Or ISYE 650	Lean Manufacturing Systems (3) Advanced Lean Manufacturing Systems (3)		

Complete 2 of the following:

<u>COURSES</u>	<u>COURSE TITLES</u>	<u>SEMESTER COMPLETED/GRADE</u>	
ISYE 535 or STAT 674	Experimental Design for Engineering (3) Design & Analysis Experiments (3)		
ISYE 570	Introduction to Data Analytics for Engineers (3)		
ISYE 630	Advanced Quality Control (3)		
ISYE 670	Data Analytics for Engineers (3)		

Student Signature

ISYE Department Signature/Chair

Date to Graduate School