

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



Name \_\_\_\_\_ Student ID \_\_\_\_\_

Address \_\_\_\_\_ Phone \_\_\_\_\_

City \_\_\_\_\_ State/Zip \_\_\_\_\_ Email \_\_\_\_\_

Major \_\_\_\_\_

This certificate introduces undergraduate students to those skills required in manufacturing and service plants that apply the principles of lean production and six sigma. Industry, in general, expects graduates of industrial and systems engineering to have a strong background in lean production and six sigma concepts. Students must achieve a minimum of a C in each course applied toward the certificate. Courses used to satisfy the requirements for this certificate may, with approval of the major department, be applied toward an undergraduate major. Some courses may have prerequisites that are not part of the certificate curriculum.

Students in catalog year Fall 2019 and later are eligible to use the courses below for this certificate.

**Interested students, please apply prior to the beginning of the semester in which you will complete the last of the four (4) courses listed below. Application should be submitted to the ISYE office. Please contact the Department of Industrial and Systems Engineering (815)753-1282 with any questions.**

<u>COURSES</u>	<u>COURSE TITLES</u>	<u>SEMESTER COMPLETED/GRADE</u>	
ISYE 430	Quality Control (3)		
ISYE 439	Six Sigma Performance Excellence and Modern Problem Solving (3)		
ISYE 450	Lean Manufacturing Systems (3)		
ISYE 470	Introduction to Data Analytics for Engineers (3)		

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**Student Signature**

\_\_\_\_\_  
**ISYE Department Signature/Chair**

\_\_\_\_\_  
**Date to Registration and Records**