

Certificate in Lean Systems

This program provides advanced knowledge and methodology of lean systems design, evaluation and operation for practitioners in industry who are responsible for the development and management of production systems in the workplace. Curriculum focuses on the essential knowledge, analytical techniques, guidelines and contemporary issues in the design, evaluation and management of lean systems in industry.

Program Prerequisite

Course	Title	Hours
IME 550	Operations Research I	3

Program Requirements

This program requires satisfactory completion of four courses (i.e., a total of 12 credit hours) from among the following:

Course	Title	Hours
Select four of the following:		12
IME 553	Production Systems	
IME 724	Statistical Methods for Engineers	
IME 755	Design of Experiments	
IME 767	Lean Manufacturing	
IME 783	Supply Chain Management	
IME 890/990	Independent Study in Industrial Engineering (on Lean related topics)	
Total Credit Hours		12

In addition to these requirements, students must meet the Graduate School's requirements (<http://catalog.wichita.edu/graduate/academic-information/types-programs-courses/certificate-residency-badge-programs/>) in order to earn this certificate.