

QUALITY ENGINEERING MINOR

The Quality Engineering Minor equips students with practical skills in data analysis, quality improvement, and process optimization. Through coursework in engineering data analytics, quality control, and Lean Six Sigma, students learn to apply data-driven methods to reduce variability and improve system performance. The minor can be completed through technical and free electives, making it an accessible, industry-relevant credential that strengthens students' career opportunities.

Code	Title	Credit Hours
MATH-101	Calculus I	4
or MATH-101X	Calculus I	
MATH-102	Calculus II	4
or MATH-102X	Calculus II	
MATH-158	Foundations of Probability & Statistics	4
IME-200	Introduction to Industrial Engineering	4
IME-432	Engineering Data Analytics	4
Choose Two		8
IME-471	Quality Control	
IME-473	Design of Experiments	
IME-476	Lean Six Sigma	
Total Credit Hours		28