

INDUSTRIAL ENGINEERING, MINOR

The minor in Industrial Engineering is appropriate for students who want to add considerations of efficiency, quality, and safety to their study of a technical field, such as chemistry, mathematics, or physics. Some of the courses in the minor have prerequisites (calculus and physics) that are not listed below.

This minor is not available to students majoring in Engineering or Industrial Engineering.

Specific Program Requirements

Course	Title	Credits
EN 101	Introduction to Engineering	2
EN 103	Problem Solving for Engineers	3
EN 107	Engineering Graphics	2
EN 215	Introduction to Industrial and Systems Engineering	3
EN 343	Engineering Economy	3
Select three of the following:		8-11
EN 420	Simulation Experiments	4
EN 439	Time and Motion Studies	2
EN 440	Safety Engineering	3
EN 441 & 441L	Engineering of Manufacturing Processes and Engineering & Manufacturing Proc Lab	4
EN 443	Quality Control and Reliability	3
EN 471	Operations Research	3
EN 473 & 473L	Computer Integrated Manufacturing and Computer Integrated Mfg Lab	3
EN 475	Facility Planning and Design	3
EN 477	Operations Planning and Control	3
Total Credits		21-24