Program Requirements

The program of study for a minor in engineering management requires a minimum of 18 credit hours. Note that industrial engineering or engineering management majors will NOT be eligible for the minor.

The minor requires completion of four core courses (12 credit hours) and two elective courses (six credit hours) for a total of 18 credit hours. All courses must be passed with a "C" or better. At least 12 credit hours must be completed in residency at ASU or through ASU Online.

Core Courses -- 12 credit hours

IEE 220: Business and Industrial Engineering or IEE 380: Probability and Statistics for Engineering Problem Solving (CS) (3)

Notes: Students whose major requires IEE 380 "Probability and Statistics for Engineering Problem Solving" (3) will need to take IEE 220 "Business and Industrial Engineering" (3) for the engineering management minor. Online students are required to complete IEE 380 as part of their core.

IEE 300: Economic Analysis for Engineers (3)
IEE 431: Engineering Administration (L) (3)
IEE 458: Project Management or CEE 481: Civil Engineering Project Management (3)

Notes: CEE 481 may not be used for both the civil engineering degree (major) and the engineering management minor.

Electives -- 6 credit hours

IEE 369: Work Analysis and Design (L) (3)
IEE 376: Operations Research Deterministic Techniques/Applications (3)
IEE 381: Lean Six Sigma Methodology (3)
IEE 412: Introduction to Financial Engineering (3)
IEE 454: Risk Management (3)
IEE 456: Introduction to Systems Engineering (3)
IEE 474: Quality Control (3)

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.