

Requirements for a Concentration in Manufacturing Engineering

The concentration in Manufacturing Engineering can be earned by any student within the Department of Mechanical Engineering by fulfilling the following requirements:

1. A sequence of five required courses (18 cr):

Required Courses:

ENG EK 156 – Design in Manufacturing – 2 cr
ENG ME 345 – Automated MFG – 4 cr
ENG EK 409 – Engineering Economy – 4 cr
ENG ME 415 – Product Design – 4 cr
ENG ME 420 – Supply Chain Engineering – 4 cr

2. **Experiential Project Requirement:** Completion of a well-defined project in the manufacturing area. A senior design project, laboratory research, industrial internship or a directed study can satisfy this requirement. This requirement must be approved by submitting the appropriate approval form to the Undergraduate Records Office. After completion of the proposed project, a written summary of the project must also be submitted for approval (see Project Approval form for more information).
3. Students must have a major of Mechanical Engineering with a Concentration of Manufacturing Engineering officially declared with the Undergraduate Records Office no later than October 1st of the first semester of the senior year.