MFG - Manufacturing Systems Engineering

Manufacturing Systems Engineering: MFG

Lower-Division Courses

Upper-Division Courses

Graduate Courses

Problem selected by the student with approval of the graduate adviser.
For each semester hour of credit earned, the equivalent of one class
hour a week for one semester. Prerequisite: Graduate standing in
manufacturing systems engineering and consent of the graduate adviser.

MFG 397K. Advanced Studies in Manufacturing Systems
Engineering.
Selection of topics based on needs of an adequate number of students.
The equivalent of three class hours a week for one semester. May be
repeated for credit when the topics vary. Prerequisite: Graduate standing
in manufacturing systems engineering and consent of instructor.

  Topic 1: Advanced Packaging Materials.
  Topic 2: Signal Integrity in High-Speed Digital Systems.
  Topic 3: Thermal Management in Packaging.

MFG 397M. Graduate Research Internship.
Research associated with enrollment in the Graduate Research
Internship Program (GRIP). Prerequisite: Graduate standing and consent
of instructor and the dean of the Cockrell School of Engineering.

MFG 197S. Graduate Seminar in Technical Communication.
The master's degree program in manufacturing systems engineering
includes three semester hours in this course. Practice and application
of technical communication skills in engineering. The equivalent of one
lecture hour a week for one semester. May be repeated for credit when
the topics vary. Prerequisite: Graduate standing and consent of the
graduate adviser.

  Topic 1: Graduate Seminar in Technical Communication I.
  Offered in the fall semester only.
  Topic 2: Graduate Seminar in Technical Communication II.
  Additional prerequisite: Credit or registration for Manufacturing
  Systems Engineering 197S (Topic 1) and 197S (Topic 2).

MFG 698. Thesis.
The equivalent of three lecture hours a week for two semesters. Offered
on the credit/no credit basis only. Prerequisite: For 698A, graduate
standing in manufacturing systems engineering and consent of the
graduate adviser; for 698B, Manufacturing Systems Engineering 698A.

MFG 398R. Master’s Report.
Preparation of a report to fulfill the requirement for the master’s degree
under the report option. The equivalent of three lecture hours a week for
one semester. Offered on the credit/no credit basis only. Prerequisite:
Graduate standing in manufacturing systems engineering and consent of
the graduate adviser.

Professional Courses