

School of Industrial Design

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The School

Director of the School:
J.R. Giard

The School of Industrial Design does not offer a program at the graduate level. However, it does offer graduate-level courses which can be used towards a degree program in the Department of Mechanical and Aerospace Engineering in the Faculty of Engineering. Members of the school are available to supervise graduate research.

The interests and capabilities of the faculty members lie in the following areas:

User Studies

Applications of ergonomics and anthropometrics in industrial design; study of users from a market perspective.

Form Studies

Form development in industrial design; computer-aided design in industrial design.

Mass Production Studies

Advanced manufacturing methods in industrial design; quality and product life of manufactured goods.

Design Systems and Methods

Research and development in systems and methods as they apply to industrial design.

Contextual Studies

Cultural, social and ethical issues in industrial design.

Graduate Courses*

- Industrial Design 85.500F1, W1
Directed Studies in Industrial Design
Reading and research tutorials.

F1,W1,S1

Creative Problem Solving and Design

This course outlines problem-solving processes and how they can be applied in engineering design. The student will be introduced to and be expected to practice various systematic and creative problem-solving techniques. The emphasis is on the student's learning methodologies rather than accumulating information. The techniques may be successfully applied in any engineering specialty.
(Also offered as Engineering 88.561)

* F,W,S indicates term of offering. Courses offered in the fall *and* winter will be followed by T.
The number following the letter indicates the credit weight of the course: 1 denotes a half-course credit, 2 denotes a full-course credit, etc.