



THE OHIO STATE UNIVERSITY
COLLEGE OF ENGINEERING

What Every Engineer and Designer Should Know about Human Factors Engineering

ISE 5630

Credit Hours:

1.50 - 1.50

Course Levels:

Undergraduate (1000-5000 level)

Graduate (5000-8000 level)

Course Components:

Lecture

Course Description:

Provides critical knowledge for all engineers who will design equipment, products, or systems used by people; learn how human capabilities and limitations impact design success.

Course Goals / Objectives:

- Provide engineering students with a broad-based understanding of fundamental principles of human factors engineering. This is critical knowledge for all engineers who design anything for use by humans
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Course Topics:

- Human-centered design
 - Cognitive engineering design
 - Physical ergonomics
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Designation:

Elective