COURSE DETAIL

HUMAN FACTORS ENGINEERING

Country
Singapore

Host Institution
National University of Singapore

Program(s)
National University of Singapore

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Engineering

UCEAP Course Number
121

UCEAP Course Suffix

UCEAP Official Title
HUMAN FACTORS ENGINEERING

UCEAP Transcript Title
HUMAN FACTORS ENGR

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description
This course focuses on the interaction dynamics between the human operator and the machine or system in a human-machine system. The course begins by defining the areas of concern in human factors engineering (e.g., the human-machine interface, the displays to be perceived, and the controls to be actuated). The course also discusses the tools and methodologies used by human factors engineers. The next part of the course discuss issues of capabilities and limitations of the human operator. Throughout the course, emphasis is placed on application-oriented material.

Language(s) of Instruction
English

Host Institution Course Number
IE2150

Host Institution Course Title
HUMAN FACTORS ENGINEERING

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Industrial & Systems Engineering

Course Last Reviewed

Print