ME2805 Design and Innovation in Context 7,5 hp

Design and Innovation in Context

Fastställande

Kursplan för ME2805 gäller från och med HT10

Betygsskala

A, B, C, D, E, FX, F

Utbildningsnivå

Avancerad nivå

Huvudområden

Industriell ekonomi

Särskild behörighet

KTH programme students must have a minimum of 120 ECTS, especially in the areas of technology, economics, medicine or biomedicine. Experience with design from a practical or theoretical perspective may be valuable, but is not required.

For all other students 180 hp is requird as well as english A + B, or equivalent.

Undervisningsspråk

Undervisningsspråk anges i kurstillfällesinformationen i kurs- och programkatalogen.

Lärandemål

Strategic, user-driven design of products, communications and the workplace itself can literally change an organization and create new markets. Cutting edge companies in a wide range of industries use design to fundamentally restructure their business or invent new companies. This course will discuss how the power of design can create value for the firm as well as for society in general.
The course is targeted towards students in technology, medicine and business with an interest in the design of a product, and the potential of design as a strategic tool.

Kursinnehåll

The course will introduce the students to the concept and context of art, design and innovation by covering topic including but not limited to: the design process, idea generation, communications, strategy, etc. This will give a greater understanding for the context of design and the use design as a strategic tool.

To accomplish this the course will incorporate lectures, debates, and exercises by the students as well as leaders in the field. The students will also create a final project to be presented publicly.

Structure

There will be 2 weekly sessions lasting 2 hours each for 7 weeks. Examination will take place in an additional week. Each session will involve a mix of teaching methods, see below. This will be supplemented by seminars and breakout groups.

Teaching methods

A blend of teaching methods including lectures, guest lectures, case analysis and presentations, and group discussions will be used for the course. Furthermore, there will be monologues, dialogues as well as debates with some of the leading players from academia, business, government, and society.

Kurslitteratur

Will be announced at the start of the course.

Examination

- PRO1 - Project, 7,5 hp, betygsskala: A, B, C, D, E, FX, F

Examinator beslutar, baserat på rekommendation från KTH:s handläggare av stöd till studenter med funktionsnedsättning, om eventuell anpassad examination för studenter med dokumenterad, varaktig funktionsnedsättning.

Examinator får medge annan examinationsform vid omexamination av enstaka studenter.

När kurs inte längre ges har student möjlighet att examineras under ytterligare två läsår.

Övriga krav för slutbetyg

Final group paper/project
Contribution in class/group activities
In class written/oral assignments (individual and/or group)
Although there will be no formal exam, students will be required to satisfactorily complete all of the course assignments in order to receive a passing grade. Attendance is compulsory.

Etiskt förhållningssätt

- Vid grupparbete har alla i gruppen ansvar för gruppens arbete.
- Vid examination ska varje student ärligt redovisa hjälp som erhållits och källor som använts.
- Vid muntlig examination ska varje student kunna redogöra för hela uppgiften och hela lösningen.