



# ME2067 Industriell omvandling och teknisk förändring (ITTEC) 6,0 hp

Industrial Transformation and Technical Changes (ITTEC)

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

## Fastställande

Kursplan för ME2067 gäller från och med VT11

## Betygsskala

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

## Utbildningsnivå

Avancerad nivå

## Huvudområden

Industriell ekonomi

## Särskild behörighet

Enrolled for Master in Industrial Management, TINEM from Autumn 2010 and after, and ME2501 Perspectives on Industrial Management.

## Undervisningspråk

Undervisningsspråk anges i kurstillfällesinformationen i kurs- och programkatalogen.

## Lärandemål

The aim of the course is to

- deepen the knowledge on the mechanisms behind industrial and technical change/transformation with a focus on the management (and policy) aspects of structural change, innovation processes and shifts of technologies
- make the students familiar with the research frontier within the above mentioned knowledge areas

## Kursinnehåll

The course starts with a condensed summary of the theories (economic and others) of industrial and technical change (transformation) as well as of innovation theory. The course is focused on "meso" level, i.e. on a systems level where the units of analyses are industries, technologies and technological and innovation systems rather than firms or parts of firms. That includes analyzing the context (conditions, climate) for industrial and technical activity. The course continues with combining case analyses - historical cases as well as actual cases selected by the students themselves - with theory to deepen the understanding of the dynamics of industrial processes - thus contributing to a solid ground for management (and policy) analyses and decisions

## Kurslitteratur

The course contains research papers - original texts as well as secondary analyses of such texts - within the knowledge area. In addition the course may contain a textbook (like e.g. Utterback: Mastering the Dynamics of Innovation or Smith: Exploring Innovation). Individual course material may shift between years within the overall framework of the course content

## Examination

- SEM1 - Seminarie, 2,0 hp, betygsskala: P, F
- TEN1 - Tentamen, 4,0 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.

A written examination. Parts of the examination may be performed in the form of a group based homework presented and defended in a seminar. The final written examination may also be performed as a home examination.

To pass the student must participate actively in seminars organized during the course. The amount of seminars may differ between years (normally 1-3)

## 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.