



FAK3101 Perspectives on Science, Technology and Landscape in Time and Space 15.0 credits

Perspektiv på vetenskap, teknik och landskap i tid och rum

This is a translation of the Swedish, legally binding, course syllabus.

Establishment

Course syllabus for FAK3101 valid from Autumn 2009

Grading scale

G

Education cycle

Third cycle

Specific prerequisites

Eligibility to be accepted in the graduate programme History of Technology.

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

For the research student after the course to be able to account for, discuss, analyse and apply more important themes and problems in industrial history, environmental history as well as history of science and technology, recent research and important theoretical perspectives in these areas, spatial perspectives of the past and its remains in form of landscape, infrastructure, buildings and other material remains as well as more important lines of development in recent research in these areas and to have reflected over relations between one's own research and the course literature.

Course contents

Landscape, industry, and collective memories; infrastructure and technological landscapes; environment, risk and crises in time and space; technology, research and politics; knowledge production and knowledge dissemination - places, milieus, media.

Course literature

Maths Isacson, *Industrisamhället Sverige: Arbete, ideal och kulturarv* (Lund: Studentlitteratur 2007); Anja Kervanto Nevanlinna, (ed), *Industry and Modernism: Companies, Architecture, and identity in the Nordic and Baltic Countries during the High-Industrial Period* (Helsinki: Studia Fennica, 2007); Pierre Nora, "Between Memory and History: Les Lieux de Mémoire", *Representations* 26(1989), sv. övers. "Mellan minne och historia", i *Nationens röst: Texter om nationalismens teori och praktik*, Sverker Sörlin red. (Stockholm: SNS Förlag, 2001); Nye, David, *American Technological Sublime* (Cambridge, MA: MIT Press, 1994); Cronon, William, *Nature's Metropolis: Chicago and the Great West* (New York: Knopf, 1990); Thomas Hughes, *American Genesis: A Century of Invention and Technological Enthusiasm 1870–1970* (New York, N.Y.: Viking, 1989); Kaijser, Arne, *I fädrens spår: Den svenska infrastrukturens historiska utveckling och framtida utmaningar* (Stockholm: Carlssons, 1994) och många fler.

Examination

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

If the course is discontinued, students may request to be examined during the following two academic years.

Other requirements for final grade

Active participation in seminars and independently written essays as well as a longer memo.

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.