



MF1048 Introduction to Technology for Technology Teachers 17.0 credits

Teknikens grunder för tekniklärare

Course syllabus for MF1048 valid from Autumn 13

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

Grading scale: A, B, C, D, E, FX, F

Education cycle: First cycle

Main field of study: Technology

Intended learning outcomes

Course main content

Language of instruction

Language of instruction is specified in the course offering information in the course and programme directory.

Eligibility

Literature

Apazidis, Nicholas (2004). Mekanik. Lund: Studentlitteratur

Boylestad, Robert L. (2010). Introductory circuit analysis (12:e upplagan). Upper Saddle River, New Jersey, USA: Prentice Hall

Ginner, Thomas & Mattsson, Gunilla (1996). Teknik i skolan. Lund: Studentlitteratur.

Gyberg, Per & Hallström, Jonas (red.)(2009). Världens gång – teknikens utveckling. Lund: Studentlitteratur.

Sundin, Bo (2006). Den kupade handen. Stockholm: Carlssons bokförlag.

Vries, Marc de (2005). Teaching about technology. Dordrecht, Nederländerna: Springer.

Folkesson, A. (2003), Kommunikation för ingenjörer. Maskinkonstruktion, KTH, 2003

Kursmaterial som omfattar bland annat skissteknik, CAD, arbetsmetodik i produktframtagning.

Dessutom tillkommer undervisningsmaterial i elektroteknik.

Examination

- INL1 - Written Assignments, 3.0 credits, grading scale: A, B, C, D, E, FX, F
- INL2 - Written Assignment, 1.0 credits, grading scale: P, F

- INL3 - Hand in Assignment in design, 1.5 credits, grading scale: P, F
- LAB2 - Laboratory Sessions, 2.0 credits, grading scale: P, F
- LAB3 - Laboratory Sessions in CAD, 1.5 credits, grading scale: P, F
- PRO1 - Project Work in Design and Product Realization, 3.0 credits, grading scale: A, B, C, D, E, FX, F
- TEN2 - Examination, 3.0 credits, grading scale: A, B, C, D, E, FX, F
- VFU2 - Placement, 2.0 credits, grading scale: P, F