



Faculty of Health, Science and Technology
Mechanical Engineering

Course Reading

Sustainable Product Development

Valid from 08/28/2023

Course Code: MSAD21
Course Title: Sustainable Product
Development
Credits: 15
Degree Level: Master's level

Project process and projectgroup

Books

Bergman, Bo och Klefsjö, Bengt (2010). *Quality from customer needs to customer satisfaction* (Third edition). Lund: Studentlitteratur eller

Bergman, Bo. Klefsjö, Bengt (2020). *Kvalitet från behov till användning* (6 ed.). Lund: Studentlitteratur

Eriksson, Mikael and Lilliesköld, Joakim. *Handbooks for small projects* (2010 or later). Stockholm: Liber eller

Eriksson, Mikael. Lilliesköld, Joakim (2005). *Handbok för mindre projekt*. Liber

Jansson, Tomas och Ljung Lennart (2017 or later). *Project leadership for individuals and teams*. Lund: Studentlitteratur AB eller

Jansson, Tomas, Ljung, Lennart (2017). *Individer, grupper och ledarskap i projekt*. Lund: Studentlitteratur Andra upplagan

Johannesson Hans et al. (2013). *Produktutveckling - effektiva metoder för konstruktion och design*. Stockholm: Liber AB eller

Ulrich, Karl T and Eppinger (2012 or later). *Product design and development* (Fifth edition or later). Boston: McGraw-Hill

Observera att alternativ litteratur anges

Sustainable Development

Books

Baumann, Henrikke, Tillman, Anne-Marie (2004). *The hitch hiker's guide to LCA : an orientation in life cycle assessment methodology and application*. Lund: Studentlitteratur

Brunner, Paul H., Rechberger, Helmut. (2004). *Practical handbook of material flow analysis [Elektronisk resurs]*. Boca Raton: Lewis Publishers

<http://dx.doi.org/10.1201/9780203507209>,

<http://marc.crcnetbase.com/isbn/9780203507209> Free downloadable

Web resources

Venkatesh Govindarajan (2022). <https://bookboon.com/en/social-life-cycle-analysis-an-introduction-ebook>. Free downloadable

Venkatesh Govindarajan (2023). Bookboon. <https://bookboon.com/en/social-life-cycle-analysis-an-introduction-ebook>. Free downloadable

Venkatesh Govindarajan (2017). Bookboon. <https://bookboon.com/en/abc-of-sustainable-development-ebook>. Free downloadable

Venkatesh Govindarajan (2017). Bookboon. <https://bookboon.com/en/environmental-life-cycle-analysis-a-primer-ebook>. Free downloadable

Other

Dessutom tillkommer artiklar och kursmaterial som distribueras under kursens gång.

Kurslitteratur i modul Hållbarhet kommer att finnas tillgängligt som e-böcker eller som utdrag ur böcker.

In addition, there are articles and course materials that are distributed during the course.

Course literature in module Sustainable Development will be available as electronic downloads for free.

Approved by the Faculty Board of Health, Science and Technology 05/30/2023