



Faculty of Health, Science and Technology
Mechanical Engineering

Course Reading

Design Optimization

Valid from 01/18/2027

Course Code: MSAD30

Course Title: Design Optimization

Credits: 7.5

Degree Level: Master's level

Books

Christensen, P. W. & Klarbring, A. (2009). *An Introduction to Structural Optimization* (Springer International Publish)

Articles

Wolfgang Achtziger and Michal Kocvara (2007). On the maximization of the fundamental eigenvalue in topology optimization. *SMO*, 34 (3), p. 181-195

Approved by the Faculty Board of Health, Science and Technology 08/27/2026