Biomechanics, basic course

Programme course

6 credits

Biomekanik gk

TMME64

Valid from: 2019 Spring semester

Determined by
Board of Studies for Mechanical Engineering and Design

Date determined
2018-08-31

Main field of study
Mechanical Engineering

Course level
First cycle

Advancement level
G2X

Course offered for
- Mechanical Engineering, M Sc in Engineering
- Design and Product Development, M Sc in Engineering
- Energy-Environment-Management M Sc in Engineering

Specific information
Cancelled HT19

Examination

PRA1	Written Report of Project Work	3 credits	U, 3, 4, 5
TEN1	Written Examination	3 credits	U, 3, 4, 5

Grades
Four-grade scale, LiU, U, 3, 4, 5

Course literature
David A. Winter, Biomechanics of and motor control of human movement, ed. Wiley, 2009.

Peter Christensen, Computational rigid body mechanics (kompendium, Bokakademin)

Department
Institutionen för ekonomisk och industriell utveckling

Director of Studies or equivalent
Peter Schmidt

Examiner

Joakim Holmberg

Education components

Preliminary scheduled hours: 40 h
Recommended self-study hours: 120 h

Course literature

Books

Winter, David A., (2009) *Biomechanics and motor control of human movement*
4. ed. Hoboken, N.J. John Wiley and Sons, cop. 2009
ISBN: 9780470398180

Compendia

Peter Christensen, Computational rigid body mechanics