Course: Mechanical Transmission 2 credits: 4

Course code	ELVH17GMA2
Name	Mechanical Transmission 2
Study year	2022-2023
ECTS credits	4
Language	Dutch, with parts in English
Coordinator	A.M. Overweel-Vogelaar
Modes of delivery	Lecture Practical / Training
Assessments	Mechanical Transmission 2 - Written, organised by STAD examinations

Learning outcomes

The student:

- describes the working principle and functions of bearings
- motivates their choice for which bearing is suitable in a given situation
- selects the correct configuration of coupling and brakes in a given application
- does calculations related to power transmissions in a given situation

Content

- Tolerance / tribology / friction
- Plain bearings
- Rolling bearings
- Brakes/coupling
- power transmissions (belts)

Included in programme(s)

Electrical Engineering Major Mechatronics

School(s)

Institute of Engineering

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