

Course: Mechanical Transmission 1 credits: 2			
Course code Name Study year ECTS credits Language Coordinator	ELVH17GMA1 Mechanical Transmission 1 2022-2023 2 Dutch, with parts in English A.M. Overweel-Vogelaar	Modes of delivery Assessments	Lecture Practical / Training Tutorial Mechanical Transmission 1 - Written, organised by STAD examinations
 Learning outcomes The student: calculates the minimal diameter of an axle resulting from load, whether it is strong enough checks that an axle does not break the fatigue limit at a dynamic load does calculations concerning cogwheels in a given situation in 		Content This subject covers dimensioning axles, including fatigue and warping. In addition, the student learns the basic principles of cogwheels.	

 does calculations concerning cogwheels in a given situation in which the information has been specified in tables and specification sheets of suppliers.

Included in programme(s)

Electrical Engineering Major Mechatronics

School(s)

Institute of Engineering

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