

Vak: Physics 2

credits: 2

Vakcode	ELVP20APHY2	Werkvormen	Hoorcollege
Naam	Physics 2		Practicum / Training
Studiejaar	2020-2021	Toetsen	Physics 2 - Vaardigheidstoets
ECTS credits	2		Physics 2 - Schriftelijk, organisatie
Taal	Engels		tentamenbureau
Coördinator	M.J. Deuzeman		

Leeruitkomsten

The student can:

- apply the laws of thermodynamics in physical systems;
- apply magnetic laws (ie. Lorentz's force, Ampere's law, Faraday's and Lenz' law) to moving charges and electromechanical systems;
- describe the difference between different types of waves and determine their important characteristics in a given situation;
- determine the propagation of light and sound waves through various materials / media and apply the understanding of phenomena that can occur while propagating through those media due to the nature of waves by calculating their behaviour.

Inhoud

In this course you will acquire the basics of physics, together with the course 'Physics 1'. Knowledge of physics is necessary for courses later on in your study, but also for semester projects.

The

course consists of six lectures and four practical lessons (three tutorials and a lab).

Opgenomen in opleiding(en)

Elektrotechniek Major Sensor Technology

School(s)

Instituut voor Engineering

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