

Cinématique et dynamique des machines

Lecturers

Arnaud DERAEMAER (Coordinator), Alain DELCHAMBRE and Patrick HENDRICK

Course mnemonic

MECA-H303

ECTS credits

5 credits

Language(s) of instruction

French

Course period

First term

References, bibliography and recommended reading

N/A

Other information

Contact(s)

Service d'Aero-Thermo-Mécanique Bât. L, porte E, 1er étage, local 115 Mail : sma@ulb.ac.be

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Course content

Study of vibrating systems, vibration isolation, torsional vibration, critical speeds, balancing mechanisms plans.

Objectives (and/or specific learning outcomes)

Ensure the transition between analytic mechanics and machinery

Pre-requisites and co-requisites

Co-requisites courses

MECA-H200 | Mécanique rationnelle II | 5 crédits

Teaching method and learning activities

Oral theory and exercises lessons.

Evaluation method(s)

Other

Evaluation method(s) (additional information)

Written exam of theory.

Determination of the mark (including the weighting of partial marks)

N/A

Main language(s) of evaluation

French

Programmes

Programmes proposing this course at the Brussels School of Engineering

BA-IRCI | Bachelor in Engineering Sciences | option Bruxelles/unit 3