

Aircraft performance and stability

Lecturer

Axel Coussement (Coordinator)

Course mnemonic

MECA-H506

ECTS credits

4 credits

Language(s) of instruction

English

Course period

First term

- › Collaborate in a (multidisciplinary) team
- › A creative, problem-solving, result-driven and evidence-based attitude, aiming at innovation and applicability in industry and society
- › A critical attitude towards one's own results and those of others
- › The flexibility and adaptability to work in an international and/or intercultural context
- › Has an in depth scientific knowledge, understanding and skills in at least one of the subfields needed to design, produce, apply and maintain complex mechanical, electrical and/or energy systems;

Pre-requisites and co-requisites

Pre-requisites courses

MECA-Y405 | Damage testing in aeronautics | 3 crédits

Teaching method and learning activities

Contribution to the teaching profile

This teaching unit contributes to the following competences:

- › In-depth knowledge and understanding of exact sciences with the specificity of their application to engineering
- › In-depth knowledge and understanding of the advanced methods and theories to schematize and model complex problems or processes
- › Reformulate complex engineering problems in order to solve them (simplifying assumptions, reducing complexity)
- › Correctly report on research or design results in the form of a technical report or in the form of a scientific paper

Other information

Contact(s)

Service d'Aero-Thermo-Mécanique - CP 165/41 Bât L, Porte E, Niv 3, local 116A Tél : 02/650 26 48 - Fax : 02/650 27 10 Mail : gdegrez@ulb.ac.be

Evaluation method(s)

Other

Programmes

Programmes proposing this course at the Brussels School of Engineering

MA-IREM | Master of science in Electromechanical Engineering | finalité Professional/unit 2