



2 Select appropriate numerical techniques and settings for a flow problem

#### **Conditions for credit contract**

Access to this course unit via a credit contract is determined after successful competences assessment

#### **Conditions for exam contract**

This course unit cannot be taken via an exam contract

#### **Teaching methods**

Seminar, Lecture, Independent work

#### **Extra information on the teaching methods**

lecture, seminar: practical PC room classes, independent work

#### **Study material**

Type: Handbook

Name: Book

Indicative price: Free or paid by faculty

Optional: no

Type: Slides

Name: Slides

Indicative price: Free or paid by faculty

Optional: no

Type: Other

Name: Tutorials

Indicative price: Free or paid by faculty

Optional: no

#### **References**

An Introduction to Computational Fluid Dynamics: The Finite Volume Method, H. Versteeg and W. Malalasekera,

#### **Course content-related study coaching**

#### **Assessment moments**

end-of-term and continuous assessment

#### **Examination methods in case of periodic assessment during the first examination period**

Written assessment with multiple-choice questions, Written assessment with open-ended questions

#### **Examination methods in case of periodic assessment during the second examination period**

Written assessment with multiple-choice questions, Written assessment with open-ended questions

#### **Examination methods in case of permanent assessment**

Assignment

#### **Possibilities of retake in case of permanent assessment**

not applicable

#### **Extra information on the examination methods**

Periodic (end-of-term) evaluation: written examination with open questions and with multiple choice questions (closed book).

#### **Calculation of the examination mark**

Weighting to determine final score: theory exam 50% and project 50%