

COURSE DETAIL

SCIENTIFIC CALCULATION IN C ++

Country

France

Host Institution

University of Bordeaux

Program(s)

University of Bordeaux

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mechanical Engineering

UCEAP Course Number

107

UCEAP Course Suffix**UCEAP Official Title**

SCIENTIFIC CALCULATION IN C ++

UCEAP Transcript Title

C++ CALCULATION

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course provides students with a foundation on programming with C++, with the purpose of teaching them how to apply this language to scientific calculations. The first chapters cover a thorough introduction to the language, and familiarize students to programming using Oriented Object Programming. By the end of the semester, students have learned how to use this type of programming to solve differential equations and numerical methods.

Language(s) of Instruction

French

Host Institution Course Number

EM7PG201

Host Institution Course Title

SCIENTIFIC CALCULATION IN C ++

Host Institution Campus

INSTITUT NATIONAL POLYTECHNIQUE DE BORDEAUX

Host Institution Faculty

Host Institution Degree

Host Institution Department

ENSEIRB-MATMECA

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