



Short Course Advanced Modeling Techniques (fluid mechanics)

What you will Learn

The Short Course "Advanced modeling techniques (fluid dynamics)" aims to provide comprehensive modeling techniques in fluid mechanics through examples and practical examples.

Key Benefits:

01. Enrich the participant's arsenal in digital simulation tools with the handling of two new open source softwares which have wide fields of application in the industrial and academic worlds.
02. Understand problems involving the mechanics of fluids, in particular through the bases acquired in the mechanics of fluids.
03. Understand the different elements of digital simulation software (CAE, best, model).
04. Complete their knowledge in numerical resolution of partial differential equations.



Summary

This course aims, through examples of implementation, to visit the main modeling techniques used in research and in industry to simulate the solutions of partial differential equations. This part of the course deals with examples in structural mechanics and dynamics.



*Leaders Never Stop
Learning*

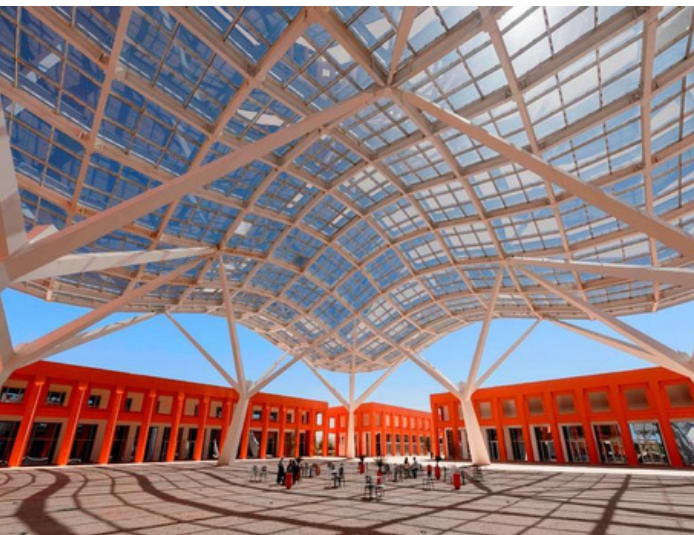
Life on Campus

A comfortable place to live: The UM6P campus covers 33 hectares in the heart of the future green city of Benguerir and near Marrakech.

Catering: Students have access to a university restaurant offering varied and balanced menus.

Learning Center: An exclusive library with more than 13 000 books.

Sports Center: It has excellent sports facilities and offers carefully studied physical activities.



Additional information

Format: On site

Language: English

Venue: UM6P Campus Ben Guérir

Fees: please contact us for this information.

Eligible applicants

- Engineers and individuals holding a Master's degree in relevant fields with a solid knowledge of :
- Concepts in integral calculus & differential calculus
- Concepts in computer science & possibly in programming
- B2/Upper Intermediate English proficiency level



Contact- us



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