Short Course
Population Balance Modeling

EXECUTIVE EDUCATION
Mohammed VI Polytechnic University

What you will Learn

The course " Population balance model " aims to simulate and estimate, a priori, the characteristics of the particles by knowing the operating conditions. It is a robust tool for prediction, optimization and process control , etc.

Key Benefits:

01. Formulate a population balance (write a population balance model)

02 Understand the origin and meaning of population balance sheet terms

03. Solving a population balance sheet (mathematical methods)

04. Validate the population balance model and estimate the parameters

College of Computing

Summary

This course aims to introduce participants to the concepts and fundamentals to follow and understand the evolution over time of the properties of dispersed particles. In some industrial processes, properties such as the particle size distribution should be mastered.
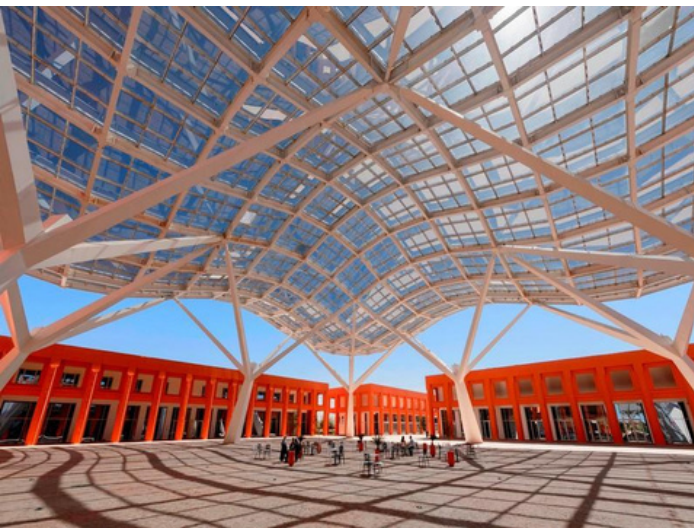
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Leaders Never Stop Learning

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

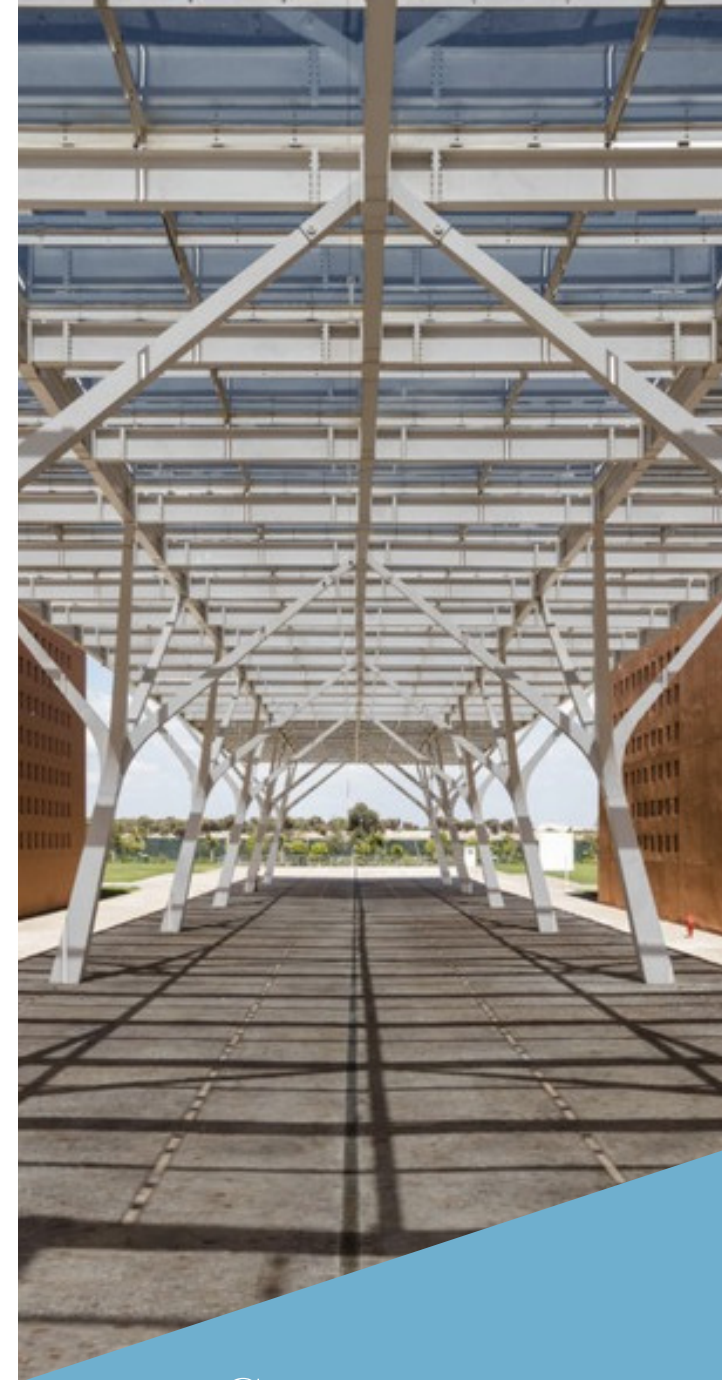**Language:** French – English

Venue: UM6P Campus Ben Guérir

Fees:nplease contact us for this

information.

Eligible
applicants

This course is intended for engineers in chemical and process engineering, engineers in mathematical modeling. Participants must have the following prerequisites:

- Training in chemical engineering
- Basic knowledge in numerical analysis

Contact- us

st.executive.education@um6p.ma