



GRUPO

TRAINING

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ANSYS FLUENT Advanced User Defined Function (UDF)

Length: 2 Days

Course Description

This two dayw advanced training course on using user-defined functions (UDF's) in ANSYS FLUENT is designed for existing users of ANSYS FLUENT and will cover the following topics:

- **Introduction to UDF's and how they work with the ANSYS FLUENT code**
- **Introduction to C programming**
- **ANSYS FLUENT data structure and macros**
- **Interpreted versus compiled UDF's**
- **User Defined Scalars**
- **UDF's for the Discrete Phase Model**
- **UDF's for Multiphase Flows**
- **UDF's for Parallel Processing**
- **Practical examples of UDF's**

The advanced UDF course also has several tutorials that the students can work through during class.

Prerequisites

- Completion of the Introduction to ANSYS FLUENT course is required.
- Experience with ANSYS FLUENT is strongly recommended.