

## FLOW-3D v11.0 Introductory Training Class

The **FLOW-3D** v11.0 Introductory Training class is a 2 ½ day course that is designed to provide an understanding of **FLOW-3D** for a wide range of applications. At the end of the course a new user will be fully functional in **FLOW-3D**, being able to define, run, and analyze problems without external help. The course covers the following topics:

- Introductory comments
  - What is CFD?
  - Important concepts and terminology
  - Best practices
  - Where to find more information
- Using **FLOW-3D**
  - The Simulation Manager and running simulations\*
  - Model Setup
  - General settings and output options\*
  - Geometry creation\*
  - Meshing\*
  - Material properties\*
  - Initial and boundary conditions\*
  - Physical models\*
  - Numerical methods and options
  - Postprocessing\*
  - Troubleshooting

*The asterisk (\*) indicates that there is a hands-on exercise associated with this lecture.*

### Notes:

- Lunch is provided on the first two days of class
- Attendees should arrive at 8:15 am