

Build your fluids engineering skills to get more accurate results, more efficiently and at your own pace

Customized Training Programs and Professional Development

Fluent's modeling specialists can create a customized workshop or series of workshops specifically geared to your staff's fluids engineering learning needs. These seminars can be delivered at your site, at one of our regional training facilities, or through our online services.

During the process of building a customized education program, Fluent can work with you to plan next steps for how fluids modeling technology can most effectively be introduced in other parts of your company's operation to address their applications – we call this a “technology transfer.”

Benefits

- Train multiple users at one time at your facility and reduce costs
- Learn methods for meshing, solving, and postprocessing, specifically developed to meet your company's application requirements
- Create and implement a set of best practices for your CFD operation including experienced analysts, new users, and management
- Build a library of tutorials unique to your modeling needs for new engineering recruits to work through as part of their orientation
- Realize a faster return on your investment with expedited implementation of training
- Create a technology transfer plan with Fluent to build a better understanding of a core engineering need within your company and infuse the knowledge into new areas of your business – from early design to the manufacturing assembly line – to enhance productivity and lower overall costs

Deliverables

During your customized workshop each student receives:

- A bound manual with lecture notes
- Tutorials selected by our flow modeling specialists focusing on your applications
- Valuable hands-on work time during the course schedule to work through tutorials with a Fluent training specialist

Examples of Customized Workshops

Industry: Nuclear power

17 students received an introduction to FLUENT and GAMBIT plus specialized programming on turbulence modeling for multiphase applications, analyzing melting and solidification problems, magneto-hydrodynamics capabilities in FLUENT, and using MixSim to solve mixing problems

Industry: Chemical process

two-day hands-on training on best practices for meshing their valve geometries; training presented by Fluent's Application Specialist for unsteady flows

Industry: Computing

Jump Start Program involving a consulting project to start, then moving to a custom-built tutorial showing users how to solve the problem Fluent consultants had worked on, finishing with a full hands-on introductory training session; program taught by Fluent's Application Specialist for dynamic meshes plus the Lead Consulting Engineer for electronics

Industry: Automotive

one-day training for non-CFD users (design engineers, testing engineers, structural engineers) whose work required them to interact with the CFD analyst; course included a detailed picture of what the CFD analyst's job encompassed so they could gain larger benefits from this level of work, plus understand why the analyst was asking for certain types of information

More Information

Contact your Consulting Engineer, Account Manager, or our training office to request a discussion meeting and quotation, 800-445-4454 x521, trng-coor-nh@fluent.com.

"I'm very happy with the overall training. The complex nature of the problems do not lend themselves to a simple application, but after training I felt confident that I could begin to tackle real-world problems."

– Peter DeBernardo, WB Engineers

