



Locations:

Livermore Software Technology Corp.

7374 Las Positas Rd. Livermore, CA 94551

1740 West Big Beaver Road Troy, MI 48084

Contact: classes@lstc.com

www.lstc.com/training

Advanced LS-PrePost

Instructor: Amit Nair, Q. Yan, and Philip Ho.

- 2 Days - \$400 Students \$200 w/student ID
- Includes on site continental breakfasts, lunches, breaks,
- Includes 30-day LS-DYNA demo license to practice

Prerequisite: Basic knowledge of LS-PrePost.
Knowledge of LS-DYNA is required.

Description: This 2 Day course discusses advanced features in LS-PrePost. Topics covered will help in getting accustomed to capabilities like Geometry manipulation, Meshing, LS-DYNA Entity creation, advanced post processing.

Course Outline

- Geometry
 - Entities creation
 - Healing
 - Simplification
 - Mid Surface from Solids
- Meshing
 - Simple object meshing
 - Shell surface meshing
 - Solid meshing
 - Sweeping, dragging, offset.
 - Element generation by transform, translate, reflect, etc.
- FEM
 - LS-DYNA entity creation (CNRB, Joints, rigid walls, etc.)
 - Particle (SPH, DES) creation
 - LS-DYNA Keyword manager
 - Part travel, Part replace, trimming
 - Spotweld creation
 - Morphing
 - Result mapping
 - Composite material creation
 - Model Checking
- Post-processing
 - Fringing
 - Vector plots
 - New XY-plot interface
 - Overlay states
 - Chain Models
 - Features of Follow/Trace
 - Features of Section Cut
- Utilities
 - Measuring tool
 - Section cutting
 - Part Information
 - Color/transparency/Lights
 - Command files, Macros and SCL
 - D3HSP view
 - LS-RUN
 - Setting and Configuration
 - Crvgen
 - LSPP Settings

07/24/2018