



**Locations:**

Livermore Software Technology Corp.  
7374 Las Positas Rd. Livermore, CA 94551  
1740 West Big Beaver Road Troy, MI 48084  
Contact: [classes@lstc.com](mailto:classes@lstc.com)  
[www.lstc.com/training](http://www.lstc.com/training)

## Overview of Contacts in LS-DYNA<sup>®</sup>

**Instructor:** Suri Bala,

**1 Day - \$200, Students \$100** w/student ID

Includes on-site continental breakfast, lunch, breaks and class notes

Includes 30-day demonstration license

**Prerequisite:** Basic knowledge of LS-DYNA<sup>®</sup>.

**Objective:** The aim of this class is to provide attendees a summary of available contact types in LS-DYNA and guidelines to choose the correct contact and its parameters to model non-linear problems.

**Description:** This class provides a comprehensive overview of various contact types available in LS-DYNA with guidelines to choose the appropriate contact and its parameters. LS-DYNA has several contact types and a number of options available to the user and this class aims to provide a systematic approach in understanding the different contact types available. Several examples will be covered as part of the class to illustrate important concepts and to aid in selecting the correct contact parameters and options.

**Contents:**

1. Introduction
2. Overview of Contact Types
3. Contact Thickness
4. Contact Stiffness
5. Tied and Tie-break Contact
6. Eroding Contact
7. Segment based contact
8. General Guidelines and Quality Assurance