
Fatigue Analysis using LSDYNA

Prerequisite: This training class is intended for LS-DYNA analysts with an intro level experience.

Objective of the course: To teach methods and procedures to perform fatigue analysis and life prediction of their design and finalize a design.

Who should attend: All LSDYNA simulation engineers, irrespective of FE simulation experience.

COURSE OUTLINE

- 1) Introduction
- 2) S-N curve and E-N curve
- 3) LS-DYNA keywords for fatigue analysis
- 4) Random vibration fatigue analysis
- 5) SSD fatigue analysis
- 6) Time domain fatigue analysis
- 7) Conclusion and Summary
- 8) Workshops