



Fastener Training Week Course Content

Monday

- 1) Introduction and Course Overview**
- 2) Consensus Standards Organizations**
- 3) IFI Resources**
- 4) Torque Tension**
- 5) Torque Tension Demonstration**

Tuesday

- 1) Acquiring Specifications**
- 2) Quality Assurance Systems and Sampling Plans**
- 3) Basic Fastener Math**
- 4) Thread Technology and Gage Issues**
- 5) Testing Standards, Fastener Finishes and Inspecting Fastener Dimensional Features**
- 6) Hands-on Equipment Experience**
- 7) Certifications, Test Reports and Lot Traceability**

Wednesday

Plant tour day: featuring tours of manufacturing, secondary processes and/or testing facilities.

Thursday

- 1) Print Reading and Tolerances**
- 2) Material Specifications for Steel Fasteners**
- 3) Dimensional Specifications**
- 4) Structural Bolts, Nuts, Washers and Machine Screws – Stainless Steel**
- 5) Understanding How Fasteners Fail**
- 6) Specification Exercises**
- 7) IFI Technology Connection Demonstration**

Friday

- 1) Metric Fastener Specifications**
- 2) Metric Fastener Dimensional Specifications, Thread Specifications and Tolerances**
- 3) Wrap up and Review**