



FASTENER
TRAINING
INSTITUTE

Fundamental Fastener Training

The Fastener Training Institute®'s core purpose is *to enhance fastener use, reliability and safety*. To that end we have put together both advanced and fundamental fastener training courses. Below please find information about our basic classes. These are taught yearly as public courses but are available to be taught in-house where requested. Check the website for dates and registration fees. For private courses please email or call FTI to discuss the options; for an added fee classes can be customized for your company. Remember in-house training can save you on travel costs by having our instructors come to you!

Fastener Basics

The new employee in the fastener industry faces a bewildering assortment of parts, each in a variety of sizes and finishes.

To help smooth the transition from a mistake-prone rookie to an efficient member of your workforce, FTI offers this basic class, which combines the highlights of the three-day Product Training Program into one full day of valuable, fundamental information.

The class will cover:

- Basic Terminology
- How To Call Out Parts
- Hex Head Products
- Large Threaded Fasteners
- Nuts
- Socket Products
- Common Materials
- Screw Drives
- Screw Head Styles
- Screw Threads
- Washers
- Rivets
- Coatings and Finishes
- Self Locking and Sealing
- Metric

Registration fee includes:

- A full day of training in a small-group environment
- Training materials to take back to the job, including an illustrated manual
- Continental breakfast, lunch, coffee breaks, free parking
- Certificate of completion

Who should attend:

- People new to the fastener industry
- Those who need to know more about the products they sell
- Warehouse, sales and purchasing employees

Three-Day Product Training Program

This three-course program was designed to teach employees in the fastener industry about the products they buy, sell and warehouse. While it is intended for people new to the industry, it will be beneficial for all who want to expand their knowledge.

Upon completion of the program and passing a final exam, students receive an engraved plaque. FTI honors its most recent graduates at each association meeting.

Classes are taught by recognized industry specialists and include every-day hands-on case studies and lots of real-life information.

Each of these classes is a full day of training. The registration fee for each class includes:

- A full day of training in a small-group environment
- Training materials to take back to the job, including an illustrated manual
- Continental breakfast, lunch, coffee breaks, free parking
- Certificate of completion

Product Training Program Part #1:

Would you like to know the difference between a hex head cap screw and a hex bolt?

What is tensile strength?

How are fasteners made?

Find the answers to these and other commonly asked questions at Part #1 of FTI's Product Training Program.

The curriculum for Part #1 of the Product Training Program will cover:

- Hex Head Products
- Nuts
- Sockets Products
- Common Materials
- Methods of Manufacturing
- Consensus Standards
- How To Call Out Parts
- How To Use the IFI Manual
- What Size is the Screw?

Product Training Program Part #2:

Do you know the difference between Taptite® and TT?

Why must high strength parts be baked after plating?

What does UNC-2A mean?

Find the answers to these and other commonly asked questions at Part #2 of FTI's Product Training Program.

The curriculum for Part #2 of the Product Training Program will cover:

- Screw Drives
- Screw Head Styles
- Screw Threads
- Washers
- Coatings and Finishes
- Hydrogen Embrittlement Demo
- Large Threaded Fasteners
- Thread Call-Outs
- Thread Forms and Fit

Product Training Program Part #3:

What's the difference between inch and metric fasteners?

What is tensile strength?

Why are some fasteners self-locking?

Find the answers to these and other commonly asked questions at Part #3 of FTI's Product Training Program.

The curriculum for Part #3 of the Product Training Program will cover:

- Pins
- Anchors
- Rivets
- Metrics
- Self Locking & Sealing Fasteners
- Inspection & the Fastener Quality Act

For more advanced training, the Fastener Training Institute™ offers its Certified Fastener Specialist™ program, a seven-course series of advanced technical training workshops.

Check www.fastenertraining.org for details on the program.