



**FASTENER
TRAINING
INSTITUTE**

FASTENER TRAINING WEEK

Hosted by the
Mid-West Fastener
Association



AUGUST 21-25, 2023 | CHICAGO, IL



ACCELERATED TRAINING FOR THE FTI CERTIFIED FASTENER SPECIALIST™ (CFS) DESIGNATION

Fastener Training Week features learning labs, interactive exercises and quizzes to reinforce learning taught by leading industry experts. The content includes manufacturing processes, consensus standards, quality control and includes a day of plant tours of manufacturing, secondary processes and testing facilities.

Instead of seven separate one-day classes, Fastener Training Week offers five intensive days of education and plant tours as part of the acclaimed FTI Certified Fastener Specialist™ (CFS) advanced technical training program. After completing this invaluable industry training in a small group environment and passing a final exam, attendees are eligible for the Certified Fastener Specialist™ (CFS) designation.

WHO ATTENDS?

- Fastener distributors
- End users
- Fastener manufacturers
- OEMs

TOPICS:

- Thread and material specifications
- Process and dimensional specifications
- Quality assurance systems and specifications
- Lot traceability and test reports
- Print reading and tolerances
- Thread gaging and dimensional inspection
- Torque tension

Plant tours will take place on the third day of training.



**LEARN MORE AND REGISTER at
www.fastenertraining.org**

PRICING

\$3,300 first person per company
\$2,800 each additional person per company

Prices increase \$500 August 7

Additional \$500 discount for Pac-West, NFDA, IFI, MWFA, NCFCA, SFA, and AIM Prime members

**Lincolnshire Marriott Resort
Ten Marriott Drive
Lincolnshire, IL 60069**

“The CFS program drastically shortened my learning curve regarding fastener specifications. The program materials were well organized and professional. Each instructor was very knowledgeable and infused the lesson topics with real world examples. CFS is a great program taught by excellent instructors.

This course helped me gain a solid understanding of mechanical engineering and develop the technical knowledge important to this field. It also makes me realize the complexities and challenges we face, and that makes the work even more interesting.”





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COURSE CONTENT

Monday

- Introduction and course overview
- Consensus standards organizations
- IFI resources
- Torque tension
- Torque tension demonstration

Tuesday

- Acquiring specifications
- Quality assurance systems and sampling plans
- Basic fastener math
- Thread technology and gage issues
- Testing standards, fastener finishes and inspecting fastener dimensional features
- Hands-on equipment experience
- Certifications, test reports and lot traceability

Wednesday

- Off-site plant tours featuring manufacturing, secondary processes and/or testing facilities.

Thursday

- Print reading and tolerances
- Material specifications for steel fasteners
- Dimensional specifications
- Structural bolts, nuts, washers and machine screws – stainless steel
- Understanding how fasteners fail
- Specification exercises
- IFI technology connection demonstration

Friday

- Metric fastener specifications
- Metric fastener dimensional specifications, thread specifications and tolerances
- Wrap up and review

