

ISO 9001:2015 with emphasis on IATF 16949 Lead Auditor with Core Tools

This course covers all requirements of both the ISO 9001:2015 and IATF 16949:2016 standards, including the requirements for Internal and Second Party Auditors, as well as Core Tools and Customer-Specific Requirements. This five-day lead auditor course with a final examination is certified by Exemplar Global and provided by Pillar Management Associates.

The course teaches auditing guidelines from ISO 19011 including auditing processes and methodologies (e.g. planning and conducting an audit, writing nonconformities, preparing an audit summary and report, and verifying corrective actions). Automotive exercises and case studies are used to review and develop the required auditing skills.

At the conclusion of the training, you will have an understanding of the IATF 16949 standard's requirements and intent, the knowledge to create and execute an audit plan, an understanding of lead auditor responsibilities, and core tools. There will be a certificate of accomplishment awarded after passing a comprehensive exam at the completion of the course.

Highlights of the session include:

- “Hands-on” training with over 15 class exercises
- Comprehensive review of the IATF 16949 requirements and intent
- Understanding the context of the organization: issues and interested parties
- QMS audit process and process (turtle) diagrams
- Risk management
- Evaluating system and process effectiveness
- Personal attributes necessary for the effective and efficient audit conduct
- Organizing and directing audit team members.
- Prevent and resolve conflict with the auditee and/or audit team
- Understanding and executing audit trails
- Preparation and completion of the audit report
- Simulated audit or live audit
- Review of core tools: PPAP, SPC, APQP, FMEA & MSA
- Explain the importance of Customer-Specific Requirements

Outcome:

- An understanding of the IATF 16949 standard's requirements and intent
- A certificate of accomplishment (conditional on passing examination)
- An understanding of the lead auditors responsibilities
- How to create an audit plan and execute process audits

- How to create audit records and audit reports
- Experience in audit questioning techniques and communications
- How to determine the effectiveness of an automotive quality management system
- How to document nonconformities and corrective action closeout

Who Should Attend:

- IATF 16949 Internal Auditors
- IATF 16949 Implementers
- Quality and Business Program Managers
- Third party auditor candidates