APEX
QUALITY ASSURANCE

2-Day (16 CPD Hours)

AS9100 Rev D & ISO 9001:2026

Internal Auditor Training

Aerospace Quality Management Systems

Register by phone

919-635-5581

Register online

www.apexqualityassurance.com

AS9100 Rev D & ISO 9001:2026 (2-Day)

At A Glance

Internal Auditor Training for Aerospace Quality Management Systems

AS9100 uses all the **ISO 9001** standards as a foundation, building on additional regulatory requirements and notations pertaining specifically to aerospace quality needs. Instead of being produced by ISO, AS9100 is backed by the International Aerospace Quality Group (IAQG),

This 2-day course consists of the first part of our Lead Auditor Training was developed to cover all requirements of both the **ISO 9001:2026** and **AS9100 Rev D** standards.

Group exercises and case studies with examples from the aerospace industry will be used to develop the required auditing skills.

The auditing guidelines —including the auditing process and methodologies, e. g., planning and conducting an audit, writing nonconformity statements, preparing an audit summary and report, and verifying corrective actions—and their application in the aerospace process approach are covered. Auditing case studies from the aerospace industry to develop skills for identifying nonconformities will be used. Techniques for leading audit teams will also be discussed.

AS9100 Rev D & ISO 9001:2026
(2-Day)

Who Should Attend

Internal Auditor Training for Aerospace Quality Management Systems

This seminar is primarily designed for internal auditor candidates, but can also be valuable for Quality Assurance Managers, AS9100 Rev D Implementation and/or Transition Team Members, Management Representatives, and all others who would like to develop competency in AS9100 Rev D and the auditing process.

An understanding of both ISO 9001:2026 and AS9100 Rev D requirements and/or work experience in applying AS9100:2016 is recommended.

AS9100 Rev D & ISO 9001:2026
(2-Day)

Seminar Goals

Internal Auditor Training for Aerospace Quality Management Systems

- Understand the application of quality management principles in the context of ISO 9001:2026 and AS9100 Rev D.
- Relate the quality management system to the organizational products, services, activities, and operational processes.
- Relate the organization's context and interested party needs and expectations to the planning and implementation of an organization's quality management system.
- Understand the application of the principles, procedures, and techniques of auditing.
- Understand the conduct of an effective audit in the context of the auditee's organizational situation.
- Understand the application of the regulations, and other considerations that are relevant to the management system, and the conduct of the audit.
- Practice personal attributes necessary for the effective and efficient conduct of a management system audit.
- Establish, plan and task the activities of an audit team. Communicate effectively with the auditee and audit client.
- Organize and direct audit team members.
- Prevent and resolve conflict with the auditee and/or within the audit team.
- Prepare and complete the audit report.
- Understand the purpose and applicable uses of the core tools
- Explain the importance of Customer-Specific Requirements

AS9100 Rev D & ISO 9001:2026
(2-Day)

Seminar Outline

Internal Auditor Training for Aerospace Quality Management Systems

Day One:

- Aerospace Lead Auditor Introduction
- **Lecture**: Intro to Management Systems
- **Lecture**: Quality Standards
- **Lecture**: AS9104
- Aerospace Lead Auditor Introduction
- **Lecture**: Intro to Management Systems
- **Lecture**: Quality Standards
- **Lecture**: AS9100

Day Two:

- **Workshop**: Clauses 2026
- **Workshop**: Analyzing Processes
- **Lecture**: Developing Process-Based Management Systems
- Review Processes and Prep Checklist
- **Lecture**: Performing the Lead Audit Investigation
- **Workshop**: Verifying Facts
- **Lecture**: Auditing Management Systems
- **Lecture**: Audit Planning and Preparation Break
- **Workshop**: Review System Docs and Prep Audit Schedule for AS9100
- **Lecture**: Concluding the Audit
- **Workshop**: Determining Nonconformity
- **Workshop**: Writing Nonconformity Statements
- **Exam**: AS9100 Self Study

Attendees successfully completing the examinations provided in conjunction with this course receive a Certificate of Completion from APEX Quality Assurance as well as 16 hours' worth of CPD credits.

The Certificate of Completion provides evidence of knowledge competency as a Quality Management Systems Auditor.

Even though AS9100 Rev D and ISO 9001 is used as the model for teaching systems and audit, this course enables students to develop and apply auditing skills using any applicable management system standard.