

## Auditing Software Development Course

This one day training course provides non-software auditors with sufficient knowledge of software to conduct non-high-risk internal audits, and software engineers and managers with insight into the activities and outputs that are likely to be audited, and which, if neglected, can lead to reduced software quality.

Note: the course is NOT intended to teach basic auditing skills.

### Benefits:

Non-software auditors are able to help identify strengths, weaknesses and risks in software development activities  
Software engineers and managers are able to facilitate audits more effectively, and avoid the sources of some common software quality problems



### Who should attend:

Trained auditors who are unfamiliar with software concepts , terminology etc.  
Software engineers and managers who care about software quality  
Other functional managers whose role brings them into contact with software development

### Course contents:

- Overview of software terminology and basic concepts (e.g. types of software, types of software development)
- Overview of common software lifecycles and their applicability
- Overview of the evolution of programming languages.
- Overview of key supporting activities (e.g Configuration Management)
- Guidelines for who to engage, what to inspect, and the type of questions to ask to audit software development

### Pre-requisites:

Ideally:

- Attendance at an Internal QMS Auditors course
- Experience in conducting internal or supplier management system audits
- Experience in auditing systems design and development activities
- Understanding of project management

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