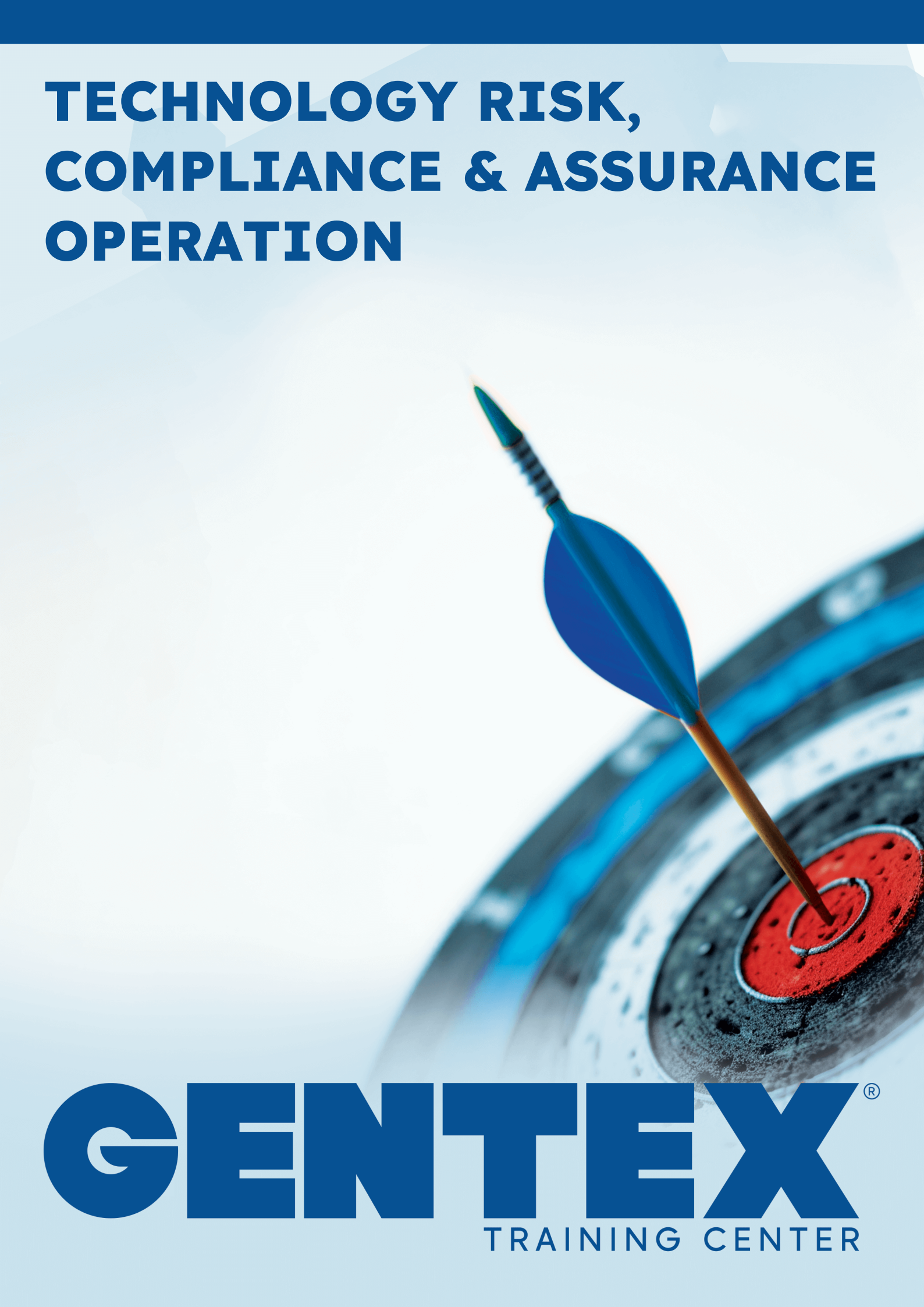
TECHNOLOGY RISK, COMPLIANCE & ASSURANCE OPERATION



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Introduction

Technology Risk, Compliance & Assurance Operation Training Course prepares technology, risk, and assurance professionals to run technology risk and compliance as a daily operating discipline rather than a periodic exercise. Participants work through technology risk frameworks, IT general controls, technology compliance obligations, control monitoring, operational resilience, incident governance, third-party technology risk, and assurance reporting as one connected system. The programme links the technology risk an organisation carries with the controls and assurance that keep it within appetite. As a result, learners gain a practical operating model. Furthermore, the course strengthens control design, monitoring practice, and assurance coordination.

Technology Risk, Compliance & Assurance Operation Course Objectives

- Explain technology risk concepts, taxonomy, and governance.
- Apply COBIT, ISO/IEC 27001, and NIST CSF to technology risk.
- Identify and assess IT general controls (ITGCs) and application controls.
- Map technology compliance obligations to controls and owners.
- Design control monitoring, testing, and continuous assurance.
- Apply operational resilience and business continuity requirements.
- Apply incident governance, escalation, and regulatory reporting.
- Apply third-party and cloud technology risk management.
- Apply technology risk metrics, KRIs, and management reporting.
- Apply assurance coordination, audit readiness, and remediation tracking.

Course Methodology

- Interactive sessions built on technology risk and assurance cases.

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- Workshops on risk assessment, ITGC mapping, and monitoring design.
- Group exercises on control testing, resilience scenarios, and metrics.
- Hands-on practice with risk registers, control matrices, and assurance maps.
- Simulation of a technology risk committee review and an audit evidence request.
- Facilitator coaching and peer review on personal operating plans.

Who Should Take This Course

- Technology risk managers and IT risk analysts.
- IT audit, assurance, and internal control professionals.
- Cybersecurity and information security managers.
- IT operations, infrastructure, and change managers.
- Compliance officers covering technology obligations.
- Consultants advising on technology risk and assurance operations.

Technology Risk, Compliance & Assurance Operation Course Outlines

Day 1: Technology Risk Foundations and Governance

- Technology risk concepts, taxonomy, and risk lifecycle.
- Governance structures and accountability for technology risk.
- Risk appetite, tolerance, and escalation thresholds for technology.
- The three lines model and assurance boundaries in IT.
- Frameworks overview: COBIT, ISO/IEC 27001, and NIST CSF.
- Technology risk language for boards and executives.
- Case discussion: an outage that exposed a governance gap.

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Day 2: IT General Controls and Compliance Obligations

- IT general controls: access, change, and operations.
- Application controls and interface controls.
- Change management, release control, and segregation of duties.
- Mapping technology compliance obligations to controls.
- Data protection, privacy, and records obligations in systems.
- Control design versus operating effectiveness.
- Workshop: building a technology risk and control matrix.

Day 3: Control Monitoring and Continuous Assurance

- Designing control monitoring and testing programmes.
- Control owners, evidence standards, and working papers.
- Continuous control monitoring and automated testing.
- Key risk indicators and technology risk dashboards.
- Exception handling, escalation, and remediation workflows.
- Management information and committee reporting.
- Exercise: designing a monitoring plan for an IT control.

Day 4: Resilience, Incidents, and Third-Party Risk

- Operational resilience concepts and impact tolerances.
- Business continuity and disaster recovery testing.
- Incident governance, severity classification, and escalation.
- Regulatory and customer notification duties.
- Third-party and cloud technology risk management.

- Vendor assessment, contractual safeguards, and exit planning.
- Simulation: responding to a major technology incident.

Day 5: Assurance Coordination and Reporting

- Assurance mapping across audit, risk, and compliance.
- Reliance on control monitoring and continuous assurance output.
- Audit planning, evidence requests, and findings management.
- Remediation planning, ownership, and verification.
- Reporting technology risk posture to the board.
- Measuring assurance maturity and continuous improvement.
- Capstone: presenting a technology risk and assurance operating plan.

Conclusion

By successfully completing Technology Risk, Compliance & Assurance Operation, participants will gain a practical command of technology risk governance, IT general controls, compliance obligation mapping, control monitoring, resilience and incident governance, third-party risk, and assurance reporting. They will acquire skills in risk assessment, control design and monitoring, resilience planning, and assurance coordination that embed technology risk management into daily operations. Gentex Training Center designs the programme to help professionals operate technology risk and assurance with confidence.

FAQs

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Q1 What is the "Technology Risk, Compliance & Assurance Operation" course about?

It prepares technology, risk, and assurance professionals to run technology risk and compliance as a daily operating discipline. The course spans technology risk foundations and governance, IT general controls and compliance obligations, control monitoring and continuous assurance, resilience, incidents and third-party risk, and assurance coordination and reporting.

Q2 What are the key benefits of the "Technology Risk, Compliance & Assurance Operation" course?

You gain a practical operating model that links the technology risk an organisation carries with the controls and assurance that keep it within appetite. The course improves risk assessment and ITGC mapping, strengthens monitoring and automated testing, sharpens resilience and incident governance, and gives you third-party risk and assurance coordination practice that reduces duplication.

Q3 What skills will I gain from the "Technology Risk, Compliance & Assurance Operation" course?

You will develop four core skills: technology risk assessment using COBIT, ISO/IEC 27001 and NIST CSF, IT general control mapping with compliance obligation identification, control monitoring and continuous assurance design, and resilience, incident governance and assurance coordination.

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Q4 What tools, methods, or standards are covered in the "Technology Risk, Compliance & Assurance Operation" course?

The course covers technology risk concepts, taxonomy and risk lifecycle, governance structures and accountability, risk appetite, tolerance and escalation thresholds, the three lines model and assurance boundaries in IT, the COBIT framework, ISO/IEC 27001, the NIST Cybersecurity Framework, IT general controls across access, change and operations, application controls and interface controls, change management, release control and segregation of duties, technology compliance obligation mapping, data protection, privacy and records obligations in systems, control design versus operating effectiveness, technology risk and control matrices, control monitoring and testing programme design, control owners and evidence standards and working papers, continuous control monitoring and automated testing, key risk indicators and technology risk dashboards, exception handling and escalation and remediation workflows, management information and committee reporting, operational resilience concepts and impact tolerances, business continuity and disaster recovery testing, incident governance and severity classification and escalation, regulatory and customer notification duties, third-party and cloud technology risk management, vendor assessment, contractual safeguards and exit planning, assurance mapping across audit, risk and compliance, reliance on control monitoring output, audit planning and evidence requests and findings management, remediation planning and ownership and verification, board reporting on technology risk posture, and assurance maturity measurement.

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Q5 How is the "Technology Risk, Compliance & Assurance Operation" course applied in real-world practice?

Participants apply it to real work such as building a technology risk and control matrix, designing a monitoring plan for an access control, running an automated control test, classifying and escalating a technology incident, assessing a cloud vendor's risk profile, and preparing evidence for an IT audit. The same methods support remediation tracking and board reporting.