Digital Repository Preservation Training Course

Professional Development Training Course Outline

Category	Library Institute	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Digital Repository Preservation has become a strategic priority for governments, academic institutions, archives, museums, libraries, research organizations, and corporate enterprises seeking to protect digital assets for long-term accessibility, authenticity, security, and compliance. As organizations rapidly adopt digital transformation, cloud computing, artificial intelligence, big data analytics, blockchain, and digital governance frameworks, preserving electronic records and institutional knowledge has become essential for business continuity, regulatory compliance, and sustainable information management. Digital Repository Preservation Training Course equips participants with practical knowledge and internationally recognized best practices for preserving digital collections using modern preservation frameworks, metadata standards, cybersecurity controls, and trusted digital repository models.

The course explores innovative digital preservation technologies, repository architecture, preservation planning, risk management, digital curation, cloud preservation strategies, metadata management, disaster recovery, and emerging preservation standards. Participants will gain practical skills in implementing preservation policies, maintaining repository integrity, ensuring long-term usability of digital collections, and applying global standards that improve organizational resilience, operational efficiency, and digital sustainability in today's data-driven environment.

Programme Curriculum

Digital Repository Preservation Training Course

Introduction

Digital Repository Preservation has become a strategic priority for governments, academic institutions, archives, museums, libraries, research organizations, and corporate enterprises seeking to protect digital assets for long-term accessibility, authenticity, security, and compliance. As organizations rapidly adopt digital transformation, cloud computing, artificial intelligence, big data analytics, blockchain, and digital governance

frameworks, preserving electronic records and institutional knowledge has become essential for business continuity, regulatory compliance, and sustainable information management. Digital Repository Preservation Training Course equips participants with practical knowledge and internationally recognized best practices for preserving digital collections using modern preservation frameworks, metadata standards, cybersecurity controls, and trusted digital repository models.

The course explores innovative digital preservation technologies, repository architecture, preservation planning, risk management, digital curation, cloud preservation strategies, metadata management, disaster recovery, and emerging preservation standards. Participants will gain practical skills in implementing preservation policies, maintaining repository integrity, ensuring long-term usability of digital collections, and applying global standards that improve organizational resilience, operational efficiency, and digital sustainability in today's data-driven environment.

Course Objectives

By the end of this course, participants will be able to:

1. Understand modern digital repository preservation principles.
2. Develop sustainable digital preservation strategies.
3. Apply international digital preservation standards.
4. Manage repository metadata effectively.
5. Implement trusted digital repository frameworks.
6. Protect digital assets against cyber risks.
7. Design digital preservation workflows.
8. Conduct preservation risk assessments.
9. Utilize cloud-based preservation technologies.
10. Improve digital records authenticity and integrity.
11. Develop disaster recovery and continuity plans.
12. Evaluate repository performance using digital analytics.
13. Strengthen institutional digital governance and compliance.

Organizational Benefits

- Strengthens long-term digital asset protection.
- Improves regulatory compliance.
- Enhances institutional knowledge preservation.
- Reduces digital information loss.
- Improves disaster preparedness.
- Supports digital transformation initiatives.
- Enhances cybersecurity resilience.
- Promotes operational efficiency.
- Improves stakeholder confidence.
- Supports sustainable information governance.

Target Audiences

- Archivists

- Librarians
- Records Managers
- Information Managers
- ICT Professionals
- Knowledge Management Officers
- Researchers
- Digital Preservation Specialists

Course Duration: 5 days

Course Modules

Module 1: Fundamentals of Digital Repository Preservation

- Digital preservation concepts
- Repository lifecycle management
- Digital asset identification
- Preservation standards overview
- Repository governance
- Case Study: The National Archives (UK) Digital Preservation Programme

Module 2: Metadata and Digital Curation

- Metadata standards
- Dublin Core implementation
- PREMIS preservation metadata
- Digital object organization
- Repository indexing
- Case Study: Europeana Digital Collections

Module 3: Trusted Digital Repository Frameworks

- OAIS Reference Model
- Repository certification
- Preservation planning
- Digital authenticity
- Repository auditing
- Case Study: CLOCKSS Digital Preservation Network

Module 4: Digital Preservation Technologies

- Cloud preservation platforms
- Storage technologies

- Blockchain applications
- AI-powered preservation
- Automation tools
- Case Study: Harvard Library Digital Repository

Module 5: Risk Management and Cybersecurity

- Digital preservation risks
- Cybersecurity controls
- Backup strategies
- Disaster recovery planning
- Business continuity
- Case Study: Cyber resilience at the National Library of Australia

Module 6: Preservation Policy and Compliance

- Preservation policy development
- Regulatory compliance
- Copyright considerations
- Data governance
- Repository documentation
- Case Study: UNESCO Digital Heritage Preservation

Module 7: Repository Performance and Sustainability

- Repository performance metrics
- Digital preservation auditing
- Cost management
- Sustainability planning
- Continuous improvement
- Case Study: Digital Preservation Coalition Best Practices

Module 8: Emerging Trends in Digital Preservation

- Artificial Intelligence applications
- Machine learning automation
- Digital twins
- Green digital preservation
- Future preservation innovations
- Case Study: Internet Archive Long-Term Digital Preservation

Training Methodology

- Interactive expert-led presentations
- Practical repository demonstrations
- Hands-on digital preservation exercises
- Group discussions and collaborative learning
- Real-world global case study analysis
- Digital preservation planning workshops
- Repository assessment exercises
- Software demonstrations and simulations
- Knowledge assessments and feedback sessions
- Action planning for workplace implementation

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price

23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com