Digital Curation 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 Curation is a strategic process that involves the selection, organization, preservation, management, analysis, and dissemination of digital assets throughout their lifecycle. As organizations increasingly rely on digital transformation, cloud computing, artificial intelligence, big data, and digital repositories, the need for effective digital curation has become a critical component of information governance and knowledge management. Digital Curation Training Course equips participants with practical skills to manage digital collections, improve data quality, strengthen digital preservation strategies, and ensure long-term accessibility while complying with international standards and cybersecurity requirements.

The course explores emerging trends including AI-powered metadata generation, digital archiving, cloud storage management, blockchain for digital preservation, FAIR data principles, digital asset management, research data management, and automated content classification. Participants will gain practical knowledge on designing sustainable digital preservation frameworks, implementing metadata standards, managing institutional repositories, enhancing digital accessibility, and supporting evidence-based decision-making through well-curated digital information resources.

Programme Curriculum

Digital Curation Training Course

Introduction

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Course Objectives

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

1. Understand digital curation principles and lifecycle management.
2. Apply international metadata standards for digital resources.
3. Implement effective digital preservation strategies.
4. Manage digital repositories using best practices.
5. Improve digital asset management and accessibility.
6. Integrate AI tools into digital curation workflows.
7. Apply cybersecurity measures for digital collections.
8. Utilize cloud-based digital preservation technologies.
9. Develop sustainable digital governance frameworks.
10. Ensure compliance with legal and ethical requirements.
11. Evaluate digital collection quality and integrity.
12. Implement research data management best practices.
13. Design organizational digital curation strategies.

Organizational Benefits

- Improved digital knowledge preservation.
- Reduced information loss.
- Better regulatory compliance.
- Enhanced institutional memory.
- Increased operational efficiency.
- Stronger data governance.
- Improved collaboration.
- Better decision-making.
- Reduced digital preservation costs.
- Enhanced organizational resilience.

Target Audience

- Information Managers
- Librarians
- Archivists
- Records Managers
- ICT Professionals

- Researchers
- Knowledge Management Officers
- Digital Transformation Managers

Course Duration: 5 days

Course Modules

Module 1: Foundations of Digital Curation

- Digital curation lifecycle
- Digital asset identification
- Information governance principles
- Digital preservation concepts
- Digital collection planning
- Case Study: Digital preservation at the British Library

Module 2: Metadata Standards and Digital Organization

- Metadata creation techniques
- Dublin Core and international standards
- Controlled vocabularies
- Data classification systems
- Metadata quality assurance
- Case Study: Europeana metadata management

Module 3: Digital Preservation Strategies

- Preservation planning
- File format sustainability
- Storage technologies
- Backup and disaster recovery
- Long-term preservation policies
- Case Study: National Archives UK digital preservation

Module 4: Digital Repositories and Asset Management

- Repository architecture
- Digital asset lifecycle
- Repository security
- Content organization
- Repository performance monitoring
- Case Study: DSpace institutional repository implementation

Module 5: AI and Emerging Technologies

- Artificial intelligence applications
- Automated metadata generation
- Machine learning classification
- Blockchain for preservation
- Cloud-based curation platforms
- Case Study: AI-assisted digital curation at Google Arts & Culture

Module 6: Legal, Ethical and Security Considerations

- Copyright management
- Privacy regulations
- Cybersecurity practices
- Digital rights management
- Ethical data stewardship
- Case Study: GDPR compliance in European digital repositories

Module 7: Research Data Management

- FAIR data principles
- Data documentation
- Data sharing policies
- Research repositories
- Data quality management
- Case Study: CERN Open Data Portal

Module 8: Digital Curation Strategy and Continuous Improvement

- Strategic planning
- Digital governance frameworks
- Performance measurement
- Risk management
- Continuous improvement
- Case Study: Smithsonian Institution digital curation program

Training Methodology

- Interactive expert-led presentations
- Practical demonstrations and guided exercises
- Hands-on digital curation workshops

- Group discussions and collaborative learning
- Digital repository simulations
- AI-enabled metadata creation exercises
- Real-world global case study analysis
- Individual and team assignments
- 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

Start Date	End Date	Location	Price
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

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