Digital Transformation in Libraries 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 Transformation in Libraries is reshaping how academic, public, national, school, and special libraries deliver knowledge, manage digital collections, improve user engagement, and support research, education, and innovation. Digital Transformation in Libraries Training Course equips participants with practical skills in digital strategy, smart library technologies, cloud-based library systems, digital repositories, artificial intelligence, metadata management, digital preservation, cybersecurity, big data analytics, and user-centered digital services. The course emphasizes globally recognized best practices that enhance operational efficiency, accessibility, sustainability, and digital inclusion while supporting modern knowledge management ecosystems.

Participants will explore emerging technologies that are transforming library operations, including AI-powered discovery systems, digital archives, blockchain for records management, Internet of Things (IoT), automation, virtual services, cloud computing, and digital governance. Through practical case studies and interactive learning, participants will develop strategies to modernize library services, strengthen digital infrastructure, improve information accessibility, and build resilient digital libraries capable of supporting future educational and research needs.

Programme Curriculum

Digital Transformation in Libraries Training Course

Introduction

Digital Transformation in Libraries is reshaping how academic, public, national, school, and special libraries deliver knowledge, manage digital collections, improve user engagement, and support research, education, and innovation. Digital Transformation in Libraries Training Course equips participants with practical skills in digital strategy, smart library technologies, cloud-based library systems, digital repositories, artificial intelligence, metadata management, digital preservation, cybersecurity, big data analytics, and user-centered digital

services. The course emphasizes globally recognized best practices that enhance operational efficiency, accessibility, sustainability, and digital inclusion while supporting modern knowledge management ecosystems.

Participants will explore emerging technologies that are transforming library operations, including AI-powered discovery systems, digital archives, blockchain for records management, Internet of Things (IoT), automation, virtual services, cloud computing, and digital governance. Through practical case studies and interactive learning, participants will develop strategies to modernize library services, strengthen digital infrastructure, improve information accessibility, and build resilient digital libraries capable of supporting future educational and research needs.

Course Objectives

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

1. Develop comprehensive digital transformation strategies for libraries.
2. Implement cloud-based library management systems.
3. Strengthen digital preservation and archival management.
4. Integrate artificial intelligence into library services.
5. Enhance digital literacy and user engagement.
6. Improve metadata and digital resource management.
7. Apply cybersecurity best practices for digital collections.
8. Optimize digital repository management.
9. Utilize data analytics for evidence-based decision-making.
10. Implement automation for library workflows.
11. Promote digital innovation and knowledge sharing.
12. Manage digital change using international best practices.
13. Evaluate digital transformation performance using KPIs.

Organizational Benefits

- Improved access to digital knowledge resources.
- Increased operational efficiency through automation.
- Enhanced user satisfaction and digital experiences.
- Stronger cybersecurity and information protection.
- Better digital preservation of institutional knowledge.
- Increased collaboration through cloud technologies.
- Data-driven strategic decision-making.
- Improved compliance with international standards.
- Reduced operational costs through digital solutions.
- Greater organizational innovation and competitiveness.

Target Audience

- Library Directors and Managers
- Librarians and Information Professionals
- Digital Repository Managers
- Archivists and Records Managers

- ICT Officers supporting libraries
- Academic and Research Institution Staff
- Knowledge Management Professionals
- Government and Public Library Administrators

Course Duration: 5 days

Course Modules

Module 1: Foundations of Digital Transformation in Libraries

- Digital transformation concepts and trends
- Digital library strategy development
- Innovation and organizational readiness
- Digital leadership and governance
- Change management in libraries
- Case Study: National Library Board Singapore digital transformation

Module 2: Digital Library Technologies

- Integrated Library Systems (ILS)
- Cloud computing for libraries
- Digital repositories and institutional archives
- Artificial intelligence applications
- Internet of Things (IoT) in smart libraries
- Case Study: OCLC global digital library services

Module 3: Digital Collections and Metadata Management

- Metadata standards and interoperability
- Digital content lifecycle management
- Digital cataloguing techniques
- Open access repositories
- Digital preservation frameworks
- Case Study: Europeana digital heritage platform

Module 4: User Experience and Digital Services

- Digital reference services
- Online learning resource platforms
- Mobile library applications
- User-centered service design
- Digital accessibility standards

- Case Study: New York Public Library digital services

Module 5: Cybersecurity and Digital Governance

- Information security principles
- Privacy and data protection
- Digital rights management
- Risk assessment for digital assets
- Cyber resilience strategies
- Case Study: British Library cybersecurity recovery initiatives

Module 6: Data Analytics and Emerging Technologies

- Library data analytics
- Business intelligence dashboards
- Artificial intelligence for knowledge discovery
- Blockchain applications in libraries
- Predictive analytics for service improvement
- Case Study: Library of Congress digital innovation programs

Module 7: Digital Transformation Project Management

- Digital project planning
- Budgeting digital initiatives
- Stakeholder engagement
- Performance monitoring using KPIs
- Continuous improvement strategies
- Case Study: University of Oxford Libraries digital modernization

Module 8: Future Trends and Digital Innovation

- Smart libraries and automation
- Virtual and augmented reality applications
- Sustainable digital transformation
- Digital collaboration ecosystems
- Innovation roadmaps
- Case Study: Helsinki Central Library Oodi digital innovation

Training Methodology

- Interactive instructor-led presentations

- Practical demonstrations of digital library technologies
- Hands-on system simulations and exercises
- Individual and group assignments
- Case study analysis and discussions
- Digital transformation workshops
- Peer learning and collaborative activities
- Digital strategy development exercises
- Performance assessments and feedback
- 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

Start Date	End Date	Location	Price
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