Training Course on Developing Cross-Curricular Connections

Professional Development Training Course Outline

Category	Educational Leadership and Management	**Duration**	10 Days
Base Fee	$3,000 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In today’s dynamic educational landscape, integrating cross-curricular connections is essential to prepare learners with 21st-century skills. Training Course on Developing Cross-Curricular Connections empowers educators, school leaders, and curriculum developers with actionable strategies to design and implement interdisciplinary learning experiences. These experiences break down subject silos and foster critical thinking, problem-solving, collaborative learning, and real-world application of knowledge. Through data-driven instruction and STEM, arts, humanities, and digital literacy integration, this course nurtures a holistic learning environment.

Participants will gain innovative tools to enhance learner engagement, improve curriculum coherence, and promote deeper learning. With a focus on project-based learning (PBL), thematic units, and performance assessments, this training ensures that educational leaders are equipped to foster student-centered learning. The course also emphasizes equity in education, cultural relevance, and personalized learning pathways.

Programme Curriculum

Training Course on Developing Cross-Curricular Connections

Introduction

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Course Objectives

1. Understand the importance of interdisciplinary teaching in modern education.
2. Apply backward design to create integrated units.
3. Promote collaborative planning among teachers across subjects.
4. Enhance student engagement through relevant, connected content.
5. Integrate digital tools and edtech platforms to support cross-curricular work.
6. Design authentic assessments aligned with multiple learning standards.
7. Foster critical thinking and creativity through interdisciplinary tasks.
8. Promote equity and inclusion in integrated learning environments.
9. Develop real-world learning opportunities tied to cross-subject themes.
10. Use data analytics to monitor student growth across disciplines.
11. Support literacy and numeracy skills through integrated instruction.
12. Train teachers to build project-based learning (PBL) units.
13. Create systems for curriculum mapping and cross-subject alignment.

Target Audiences

1. K-12 Educators
2. School Administrators
3. Curriculum Developers
4. Instructional Coaches
5. Teacher Trainers
6. Education Policy Makers
7. Homeschool Educators
8. Educational Consultants

Course Duration: 10 days

Course Modules

Module 1: Foundations of Cross-Curricular Integration

- Define cross-curricular and interdisciplinary approaches
- Historical context and global trends
- Benefits for 21st-century learners
- Overview of effective models
- Challenges and solutions
- *Case Study: Finland’s cross-disciplinary approach to education*

Module 2: Curriculum Mapping for Integration

- Understanding curriculum maps
- Identifying overlap in standards
- Creating horizontal and vertical alignment
- Using digital mapping tools
- Ensuring scope and sequence balance
- *Case Study: Successful mapping in Ontario elementary schools*

Module 3: Backward Design and Interdisciplinary Planning

- Applying Wiggins & McTighe's model
- Setting end goals and learning outcomes
- Designing assessments first
- Aligning instructional activities
- Modifying for diverse learners
- *Case Study: Middle school STEAM project design*

Module 4: Collaborative Teaching Strategies

- Co-teaching models
- Professional learning communities (PLCs)
- Shared planning sessions
- Communication protocols
- Role definition and responsibilities
- *Case Study: Joint history-English curriculum unit*

Module 5: Using Technology to Connect Disciplines

- Edtech tools for collaboration
- Virtual whiteboards and shared docs
- Coding and data in humanities
- Multimedia storytelling
- AI and gamification in integrated learning
- *Case Study: Digital storytelling in cross-curricular projects*

Module 6: Literacy Across the Curriculum

- Reading and writing in all subjects
- Vocabulary development techniques
- Using text sets
- Reading comprehension strategies
- Writing to learn in math and science
- *Case Study: Literacy-based science journals in middle school*

Module 7: Numeracy Across the Curriculum

- Understanding numeracy beyond math
- Integrating data in social studies
- Measurement in art and design
- Graphs and statistics in health education
- Budgeting in home economics and business
- *Case Study: School-wide financial literacy initiative*

Module 8: STEAM Interdisciplinary Frameworks

- STEAM vs. STEM
- Engineering in art and design
- Cross-discipline science projects
- Real-world math applications
- Art as a lens for science inquiry
- *Case Study: STEAM gardens project at urban schools*

Module 9: Project-Based Learning and Thematic Units

- Designing cross-subject projects
- Real-world problem solving

- Themes tied to local/global issues
- Student choice and voice
- Interdisciplinary rubrics
- *Case Study: Water sustainability PBL in high school*

Module 10: Assessment in Interdisciplinary Learning

- Rubric design
- Formative and summative tools
- Peer and self-assessment
- Portfolios and presentations
- Standards alignment
- *Case Study: Multi-subject capstone portfolio*

Module 11: Equity and Cultural Relevance

- Culturally responsive pedagogy
- Designing inclusive units
- Addressing bias in content
- Incorporating student identities
- Differentiation strategies
- *Case Study: Equity-focused interdisciplinary projects in Title I schools*

Module 12: Global Competence and Real-World Connections

- Global learning frameworks
- Local to global project ideas
- Guest speakers and virtual field trips
- UN SDGs as interdisciplinary themes
- Community-based learning
- *Case Study: Model UN integration with English and Civics*

Module 13: Leadership and Support Structures

- Building school-wide vision
- Resource allocation
- Staff training plans
- Policy alignment
- Scheduling for integration
- *Case Study: District-wide implementation strategy*

Module 14: Evaluating Cross-Curricular Initiatives

- Defining metrics of success
- Collecting qualitative and quantitative data
- Teacher and student feedback
- Adjusting based on results
- Sharing outcomes with stakeholders
- *Case Study: Continuous improvement model from a charter school*

Module 15: Sustainability and Long-Term Planning

- Embedding in school culture
- Creating support systems
- Ongoing teacher collaboration
- Scalable models for growth

- Grant writing and funding
- *Case Study: Long-term impact of integrated curriculum at rural school*

Training Methodology

- Interactive workshops and breakout sessions
- Case-based learning and storytelling
- Hands-on curriculum development labs
- Peer reviews and collaborative planning
- Online simulations and real-world project design
- Reflective journaling and portfolio creation

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	04 Dec 2026	Online	$2,000
23 Nov 2026	04 Dec 2026	Physical	$3,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$6,000

Start Date	End Date	Location	Price
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$9,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$12,000

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