

Module 1: Modern Foundations of Math & Science Education

Course Outline

- Evolution of Math & Science education
- International education standards and frameworks
- Learner-centered vs traditional teaching approaches
- Outcome-based education principles
- The role of educators in STEM transformation

Learning Outcomes

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

- Understand global trends in Math & Science education
- Apply modern teaching philosophies in their classrooms
- Align instructional practices with international standards
- Redefine their role as facilitators of learning