Leading AI Integration in K-12 Education: Empowering School Leaders for the Future
Course Syllabus

Course Description

This course is designed specifically for K-12 administrators seeking to understand, evaluate, and responsibly implement AI tech in their schools. You will explore AI fundamentals, examine real-world use cases, and learn to assess AI tools for ethical and strategic alignment. This course is beneficial for any school leader from developing district policies or supporting teachers in classroom adoption. Upon completion, leaders will walk away with a clear framework for evaluating AI tools and a roadmap for leading thoughtful, equity centered AI integration in K-12 settings.

This course enhances classroom teaching effectiveness and supports improved student outcomes by introducing new knowledge in the ethical, strategic, and equity-centered implementation of AI in K-12 education.

Course Objectives
At the end of this course you should be able to:

1. Demonstrate foundational knowledge of AI types and functions to support informed, ethical decision-making in schools.
2. Analyze emerging and validated AI applications across classrooms, operations, and leadership to inform strategic exploration and adoption.
3. Use a structured evaluation process to assess AI tools for instructional value, equity, transparency, and implementation readiness.
4. Identify and address ethical concerns, equity implications, and systemic risks related to AI use in schools.
5. Evaluate how AI tools align with instructional priorities, protect student data, and support inclusive, equitable teaching practices.
6. Develop a responsible, scalable implementation plan for piloting AI in your school, including clear goals and support systems.
7. Design a communication plan that builds stakeholder trust, explains AI functionality and purpose, and invites collaborative input.
8. Reflect on your leadership values and articulate an AI vision that aligns with your district goals and educational mission.

Modules
- Module 1: AI in Education: The Baseline, Quiz 1
- Module 2: AI in Action: Use Cases and Trends in K12, Quiz 2
- Module 3: Evaluating AI Tools with Confidence, Quiz 3

- Module 4: Ethics, Equity, and AI, Quiz 4
- Module 5: Aligning Tools to Instructional Goals, Quiz 5
- Module 6: Piloting AI Tools, Quiz 6
- Module 7: Communication Strategy with Stakeholders, Quiz 7
- Module 8: Leadership Perspectives, Quiz 8

Grading

Each quiz must be passed at an 80% or higher (three attempts allowed).

Format

This is a self-paced, asynchronous (no required live meetings) course. Throughout the PD course, you will find it helpful to take notes along the way to assist with the quizzes. Within each module, you will find reflection assessments that are not graded but will help in your journey through the course. There is an interactive forum in the course to help you connect with peers and instructors, share ideas, and collaborate on best practices throughout your learning journey.