

ADVANCED AI INTEGRATION AND DESIGN (CERT)

Effective Spring 2027

CERTIFICATE OF ACHIEVEMENT

The Advanced Artificial Intelligence (AI) Integration and Design Certificate prepares students to implement artificial intelligence technologies responsibly across educational, nonprofit, and organizational environments. The program emphasizes AI integration, ethical governance, accessibility and inclusive design, and organizational decision making. Students learn to evaluate AI tools, design responsible implementation strategies, and integrate AI into workflows that support equitable and effective learning and professional environments. This certificate builds upon the Educational Technology and Applied Artificial Intelligence Certificate. While the Educational Technology pathway emphasizes applied instructional technology and AI supported learning environments, this certificate focuses on responsible AI implementation, accessibility, organizational communication, and interdisciplinary applications of artificial intelligence. The program supports workforce advancement in roles involving technology integration, digital learning support, and responsible AI implementation.

Program Student Learning Outcomes

- Evaluate and analyze artificial intelligence systems for accuracy, bias, limitations, and appropriate use across educational and organizational contexts.
- Design and implement AI-supported workflows and solutions using human-centered design principles, accessibility standards, and organizational decision-making frameworks.
- Apply ethical, equitable, and governance-oriented practices in the responsible use of artificial intelligence, and demonstrate these competencies through a professional portfolio of applied work.

Program Requirements

Code Number	Course Title	Units
Required Core Courses (12 Units)		
EDT 160	Applied AI in Learning Environments	3.0
EDT 140	Accessibility and Inclusive Design in Education	3.0
EDT 180	AI Ethics and Responsible Implementation	3.0
EDT 260	Advanced AI Integration and Design	3.0
Select a minimum of 6-6.5 Units		6.0-6.5
BA 120	Management-Accounting and Internal Control (3)	
BA 153	Introduction to Entrepreneurship (3)	
COMM 125	Organizational Communication (3)	
CIS 172A	Artificial Intelligence for Everyone (3.5)	
EDT 116	Information Literacy For Educators (3)	
EDT 118	Emerging Topics in AI, Media, and Digital Learning (3)	
EDT 210	Instructional Design with Artificial Intelligence (3)	
READ 140	Reading and Literacy for Neurodivergent Learners (3)	
Total Units		18-18.5