

ARTIFICIAL INTELLIGENCE FOR DIGITAL TRANSFORMATION GRADUATE CREDIT CERTIFICATE PROGRAM

Person-in-Charge	Youakim Badr
Program Code	AIDT
Campus(es)	Great Valley World Campus

Artificial intelligence is a primary driver of digital transformation, enabling organizations to embed intelligence into end-to-end processes, modernize decision workflows, and automate operations with measurable improvements in speed, quality, and adaptability. The Artificial Intelligence for Digital Transformation graduate certificate prepares graduate students and working professionals to translate AI capabilities into operational value by developing practical expertise in (1) responsible and governable AI, (2) autonomous AI agent systems, and (3) AI-driven automation and planning for real-world organizational processes. Collectively, the certificate enables students to infuse AI into organizational processes and automate operations using autonomous agents and planning techniques, while maintaining ethical and responsible use of AI through governance, risk controls, and rigorous evaluation.

The certificate is designed as a stackable credential within the Master of Artificial Intelligence (M.AI.) and supports the Applied & Generative AI Option. Certificate coursework may be applied toward the M.AI. degree, subject to restrictions outlined in GCAC-309 Transfer Credit (<https://gradschool.psu.edu/graduate-education-policies/gcac/gcac-300/gcac-309-transfer-credit/>).

Certificate students who wish to have certificate courses applied towards a master's degree must apply and be admitted to that degree program.

Effective Semester: Fall 2026

Expiration Semester: Fall 2031