

ARTIFICIAL INTELLIGENCE STRATEGIST (CERTIFICATE)

Business & Information Technology

Program website (<https://www.harpercollege.edu/academics/business/ai-cloud-computing/>)

Program Overview

This 16 credit-hour certificate program prepares students for entry-level roles in Artificial Intelligence (AI) by developing foundational knowledge in machine learning, data analysis, and ethical AI practices. Students learn to interpret data, build predictive models, and apply AI concepts to real-world business challenges. Coursework emphasizes strategic implementation of AI across diverse industries including technology, finance, healthcare, and manufacturing.

Program Requirements

Code	Title	Hours
AIC 101	Careers in Artificial Intelligence, Machine Learning, and Cloud Computing	2
AIC 110	Introduction to Artificial Intelligence (AI)	3
AIC 120	Introduction to Machine Learning	3
AIC 130	Applied Math for Artificial Intelligence	3
AIC 220	Applications of Artificial Intelligence	2
PHI 130	Applied Ethics for Artificial Intelligence	3
Total Hours		16

Program Learning Outcomes

- apply machine learning techniques to analyze and interpret data for business and operational insights.
- design AI strategies that support organizational goals and digital transformation initiatives.
- evaluate ethical, legal, and social implications of artificial intelligence applications.
- communicate AI concepts and recommendations effectively to technical and non-technical audiences.