

APPLIED ARTIFICIAL INTELLIGENCE CERTIFICATE OF PROFICIENCY



The certificate prepares students by covering an area of emphasis leading to an entry level position which specializes in artificial intelligence or machine learning. Students completing this sequence will be expected to assist data analysts, data driven decision making, and automation for small, medium, and large-sized organizations.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Analyze and evaluate machine learning and artificial intelligence frameworks that best fit a problem, data set, or process automation in a business and/or scientific environment.
2. Design a technologically feasible and efficient solution.
3. Standup and implement the solution.
4. Demonstrate and explain the solution.

Note: All courses must be completed with a letter grade of "C" or higher or "Pass."

Code	Title	Units
CSIS-250	Introduction to Python Programming	4
CSIS-115	Intro. to AI and Machine Learning	3
CSIS-266	Introduction to Large Language Models	3
CSIS-256	Introduction to Generative Artificial Intelligence Models	3

Any student who chooses to complete only the courses related to growing industry focuses listed above qualifies for a Certificate of Proficiency in Applied Artificial Intelligence. Certificates of Proficiency are designed for the student who needs to be prepared to enter an entry-level job. A department-issued certificate may be awarded upon successful completion of a prescribed course of study. This certificate will not appear on a student's transcript.