ARTIFICIAL INTELLIGENCE APPLICATIONS (CERTIFICATE)

Catalog Effective Term: Fall 2026
Program Code: CTAFI
Credential: Certificate
High Demand Occupation, High Skill Occupation, High Wage Occupation

The Certificate in AI Applications provides students with hands-on training to design and build intelligent software systems using Python, Linux, databases, and modern AI tools. Through project-based coursework, students learn to integrate AI features into secure, full-stack web applications. The program prepares students for entry-level roles in software and AI development, supports upskilling for working professionals, and offers a stackable pathway that can later be applied toward related IT and programming degrees at WCC.

Program Admission Requirements

Academic Reading and Writing levels of 6 and Academic Math Level 3 are required to enroll in CPS 141 Introduction to Programming Using Python.

Minimum Credits Required for the Program: 14

Code	Title	Credits
CIS 120	Linux/UNIX I: Fundamentals	3
CPS 141	Introduction to Programming Using Python	4
CIS 282	Database Principles and Application *	3
CPS 242	AI Agent Development **	4
Total Credits		**14**

* CIS 282 requires CPS 141 as a prerequisite
** CIS 282 is a prerequisite for CPS 242 (can be taken concurrently)