ARTIFICIAL INTELLIGENCE IMPLEMENTATION SPECIALIST

Overview

Artificial Intelligence Implementation Specialist, Advanced Technical Certificate

Program Code: 11-156-1

For more information: wctc.edu/ai-atc

If you have experience in data, AI or information technology and/or hold a degree in an IT-related field such as Computer Science, Data Science or Management Information Systems, this program might be for you.

The minimum required course grades and program grade point average (GPA) for students under this catalog are:

Core Courses = C
Program GPA = 2.0

Learning Outcomes

Program Outcomes

The AI Implementation Specialist Advanced Technical Certificate prepares professionals to lead the integration of artificial intelligence into real-world business environments. Building on prior experience in data analytics or AI, students gain advanced skills in digital transformation, prescriptive analytics, generative AI and ethical governance. Graduates are equipped to bridge the gap between technical AI capabilities and strategic organizational goals — driving innovation, productivity and responsible AI adoption across industries.

Critical Life Skills

To help our students prepare for success in a workplace and society that is **increasingly global, multi-cultural, and collaborative,** all students are given opportunities to develop and demonstrate Critical Life Skills, both in and out of the classroom. The following Critical Life Skills are learning outcomes for WCTC students.

- **Communication:** Demonstrate appropriate communication.
- **Critical Thinking/Problem Solving:** Demonstrate critical thinking skills to analyze situations and solve problems.
- **Relationships:** Demonstrate effective interpersonal skills.
- **Self-management:** Demonstrate responsible and respectful behavior.

Required Courses

This program assumes prior knowledge. As a result, current students cannot add this program through the portal. Schedule time with your Advisor to add this advanced technical certificate. Listed below are the required courses for the program.

Code	Title	Credits
156-170	Management Information Systems	3
156-171	Prescriptive Analytics & Opt	3
156-172	Ethical & Societal Issues - AI	3
156-173	Applied AI Strategies	3
156-174	Digital Transformation	3
156-117	Big Data Engineering	3
156-175	Generative AI Applications	3
156-176	AI Implementation Capstone	4
Total Credits		**25**