ARTIFICIAL INTELLIGENCE (AI) SPECIALIST, CERTIFICATE OF COMPETENCY (AIS)

Full-Time Academic Plan

The College will award a certificate of competency to students who complete an approved credit-bearing career program that requires less than 30 credits. General education courses may not be required for programs that have less than 30 credits. The student must have a cumulative GPA of 2.0 or higher. At least six (6) credits, or 50% of the total credits required, whichever is greater, must be completed at Delaware County Community College.

First Semester		Hours
CS 102	Introduction to Python	3
CS 160	Introduction to Artificial Intelligence (AI)	3
	Hours	**6**
Second Semester		
CS 202	Intermediate Python	3
CS 262	Machine Learning and Neural Networks	3
	Hours	**6**
Third Semester		
CS 264	Natural Language Processing (NLP)	3
CS 266	Computer Vision and Image Processing	3
	Hours	**6**
Fourth Semester		
CS 142	Introduction to Cloud Computing Concepts and Administration using Microsoft Azure	3
or CS 143	or Introduction to Cloud Computing Concepts and Administration using Amazon Web Services	
CS 268	AI Ethics and Social Responsibility	3
	Hours	**6**
	Total Hours	**24**