2024-2025
Certificate

Certificate:	**ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (90-156-1)**
Credits:	**15 Credits**

Description: The IT – Artificial Intelligence and Machine Learning certificate focuses on building machine learning models that can be used for predicting, making decisions and enhancing human capabilities. The program provides students with an introduction to computer programming, artificial intelligence and machine learning, natural language processing, and computer vision for business solutions and other applications. This certificate will help students gain positions as artificial intelligence and machine learning analysts, operations analysts, and computer programmers.

Related Program: Information Technology

The sequence shown is the recommended path to completion. Courses will be scheduled in the terms indicated here.
All courses should be taken in the order shown to help you stay on track and graduate according to your academic plan.
Courses in this program may be offered in a variety or combination of formats (for example: in-person, video conferencing, online, etc.).

REQUIRED COURSES
NOTE: Requisites (prereq- before/ coreq-with)
O = Online F=Fall, S=Spring, SU=Summer

✔	Term One	Cr.	Prerequisite	Corequisite	O
	152-081 Programming in Python	3			F
✔	**Term Two**				
	156-102 Intro to AI	3	152-081		S
✔	**Term Three**				
	156-103 Intro to Machine Learning	3	152-081		SU
✔	**Term Four**				
	156-104 Natural Language Processing	3	156-102; 156-103		F
✔	**Term Five**				
	156-105 AI for Computer Vision	3	156-102; 156-103		S
	Total Credits	**15**			

Students must meet one of the following: minimum high school GPA of 2.6, minimum college GPA of 2.0, or complete valid writing and math placement assessments.

NOTE: Students must complete the certificate program with a cumulative GPA of 2.0 or above.