

# ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING, CERTIFICATE OF COMPLETION



**Certificate of Completion: 5897N**  
**21-36 Credits**  
**Program Contact**  
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## Program Description

The Certificate of Completion (CCL) in Artificial Intelligence and Machine Learning focuses on building machine learning models that can be used for predicting, making decisions and enhancing human capabilities. The program provides the industry professional with the knowledge and skills used in a variety of fields using artificial intelligence, including the information technology, automotive, healthcare, aerospace, industrial, and manufacturing industries. Program content includes an introduction to artificial intelligence and machine learning, natural language processing, computer vision, and artificial intelligence for business solutions and other applications. The curriculum also includes coursework in computer programming, math, and statistics.

## Program Notes

This program is not eligible for Title IV Federal Financial Aid.

This Certificate of Completion (CCL) is a closed program that is available to industry professionals with the requisite industry experience or those with an associate or bachelor’s degree in a related field. Speak to a Program Director for additional information.

Students must earn a grade of C or better for all courses required within the program.

++ indicates any suffixed course may be selected.

## Program Requirements

**Program Prerequisites: None**

Code	Title	Credits	Semester
<b>Required Courses</b>			
AIM100	Introduction to Artificial Intelligence	3	_____
AIM110	Introduction to Machine Learning	3	_____
AIM210	Natural Language Processing	3	_____
AIM220	Artificial Intelligence for Computer Vision	3	_____

AIM230	Artificial Intelligence for Business Solutions	3	_____
AIM240	Artificial Intelligence Capstone Project	3	_____
Select one of the following:		0-3	_____
CIS105	Survey of Computer Information Systems		_____
May be waived by permission of the Program Director			_____
Select one of the following:		0-3	_____
CIS119DO	Introduction to Oracle: SQL		_____
CIS276DA	MySQL Database		_____
CIS276DB	SQL Server Database (May be waived by permission of the Program Director)		_____
Select one of the following:		0-3	_____
CIS156	Python Programming: Level I		_____
May be waived by permission of the Program Director			_____
Select one of the following:		0-6	_____
MAT14+	Any College Mathematics course		_____
MAT15+	Any College Algebra/ Functions course		_____
MAT187	Precalculus		_____
Appropriate District placement			_____
Permission of Department/ Division Chair			_____
MAT206	Elements of Statistics	3	_____
<b>Total Credits</b>		<b>21-36</b>	_____