

Artificial Intelligence Certificate

General Program Information: 410-287-1000 or information@cecil.edu

Knowledge of AI skills is needed in many disciplines. This certificate provides foundational skills for students aiming for entry level AI roles or supplementing an existing degree.

	<i>Certificate Requirements</i>	<i>Credits</i>
AIS 101	Introduction to Artificial Intelligence	3
AIS 103	Machine Learning Basics	3
AIS 201	AI Applications in Business and Technology	3
CSC 109	Introduction to Programming	3
DSC 201	Data Science I	3
MAT 127	Statistics	4

Total Credits Required in Certificate: 19

Program Learning Goals:

Upon successful completion of this program, students will be able to:

- Demonstrate basic machine learning concepts and techniques.
- Implement simple machine learning models.
- Prepare and preprocess datasets.
- Recognize and consider ethical issues in AI.
- Develop practical AI skills suitable for entry level positions or to enhance their qualifications within current roles.