NAAIC

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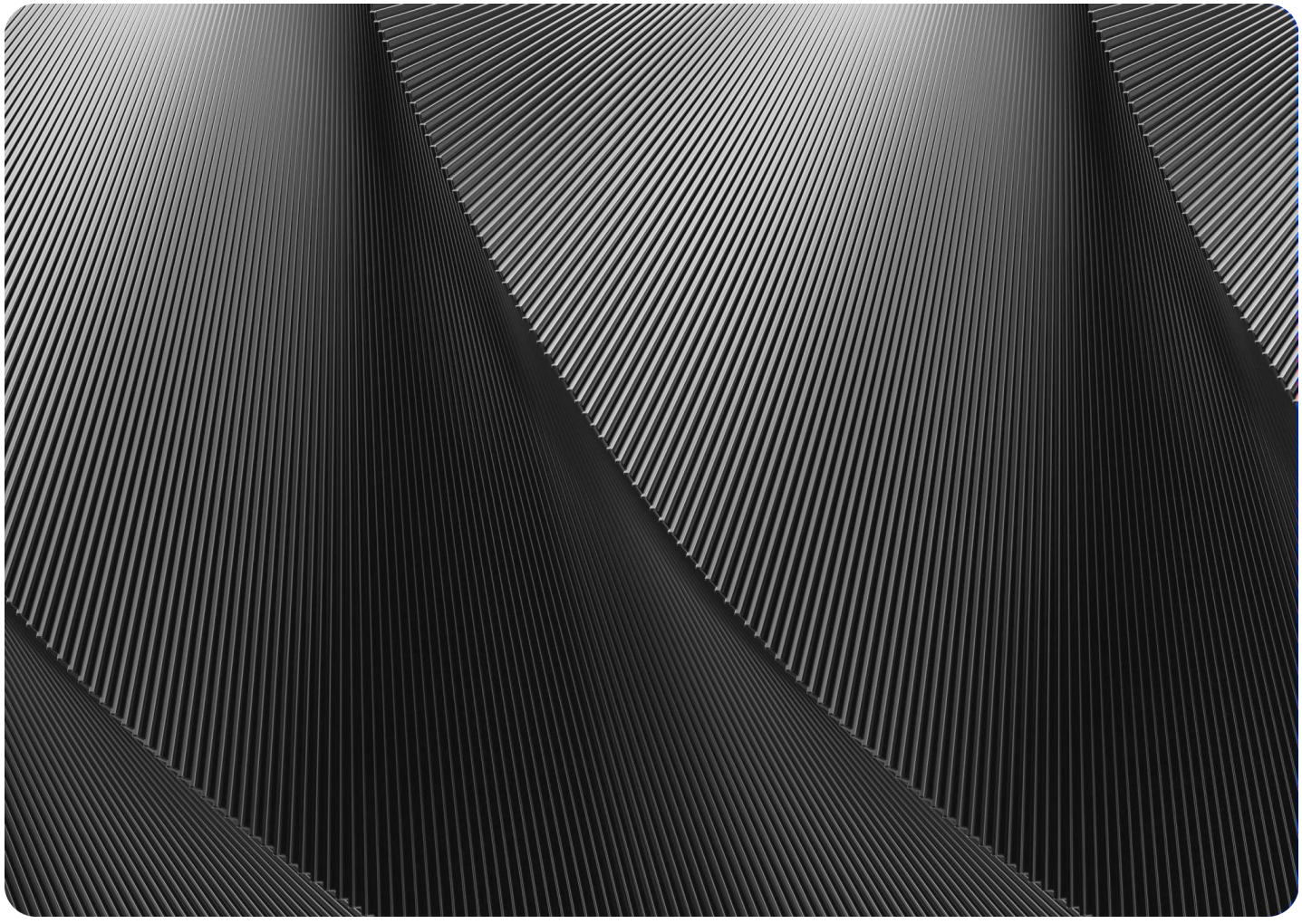
Miami Dade College

Program Sheet

Applied AI Associate in Science

The associate's degree in applied AI is a 60-credit program designed to equip community college students with practical skills in AI project lifecycle management, ethical considerations, and key AI technologies, including machine learning, natural language processing, and computer vision. The program prepares learners for roles such as AI Developers, AI Technicians or ML Specialists.



NAAIC

Applied Artificial Intelligence

Associate in Science | 60 credits

GENERAL EDUCATION REQUIREMENTS – 15 Credit Hours

Communications (3 Credits)

Humanities (3 Credits)

Mathematics (3 Credits)

MAC 1105	College Algebra	(3 credits)	Prerequisite: MAT 1033

Natural Science (3 Credits)

Social Science (3 Credits)

MAJOR COURSE REQUIREMENTS – 37 Credit Hours

CAI 1001C	Artificial Intelligence (AI) Thinking	(3 credits)	
PHI 2680	Artificial Intelligence and Ethics	(3 credits)	
COP 1047C	Introduction to Python Programming	(4 credits)	
CGS 1060C	Computer Tech and Applications	(4 credits)	*State Requirement*
CAI 2100C	Machine Learning Foundations	(3 credits)	Prereqs: CAI1001C, COP1047C
CGS 1540C	Database Concepts and Design	(4 credits)	
CTS 1145	Cloud Essentials	(4 credits)	
STA 2023	Statistical Methods	(3 credits)	Prerequisite: MAT 1033
CAI 2300C	Intro to NLP	(3 credits)	Prerequisite: CAI 2100C
CAI 2840C	Introduction to Computer Vision	(3 credits)	Prerequisite: CAI 2100C
CAI 2820C	AI Application Solutions	(3 credits)	Prereqs: CAI 2300C, CAI 2840C

PROGRAM ELECTIVES – 8 Credit Hours

MAC*, MAD*, MAP*

CAP 1788	Introduction to Data Analytics	(4 credits)	
COP 2800	Java Programming	(4 credits)	Prerequisite: COP 1047C
CTS 1120	Cybersecurity Fundamentals	(4 credits)	
GEB 1432	Applied AI in Business	(3 credits)	
ETS 1603C	Introduction to Robotics	(4 credits)	