



APPLIED ARTIFICIAL INTELLIGENCE, ASSOCIATE OF SCIENCE

Program Code: 2150

Career Pathway: Science, Technology, Engineering, and Math

Location(s): Courses for this program are offered at all BC locations. (<https://www.broward.edu/about/locations/>) This program is also offered fully online.

Program Entrance Requirements: HS Diploma or GED

Program Description: The Associate of Science in Applied Artificial Intelligence is designed to provide students with a strong foundation in AI principles, machine learning, and data science. This program equips students with the technical and analytical skills needed to develop, implement, and manage AI-driven solutions across various industries. Through hands-on projects, programming, and real-world applications, students learn to use AI tools, algorithms, and models to solve complex problems. Graduates will be prepared for entry-level positions in AI development, data analysis, and automation, or to pursue further education in AI and related fields.

1. Artificial Intelligence Practitioner, Technical Certificate 6385
2. 2150

Course	Title	Credits
ENC1101	COMPOSITION I	3
GE Course	General Education Speech	3
GE Course	General Education Social/Behavioral Science	3
GE Course	General Education Humanities	3
GE Course	General Education Biological/Physical Science	3
MGF1131 or MAC1105 or MAC1105C	MATHEMATICS IN CONTEXT COLLEGE ALGEBRA COREQUISITE COLLEGE ALGEBRA	3
CGS1060C	COMPUTER AND INTERNET LITERACY	3
COP1000C	INTRODUCTION TO COMPUTER PROGRAMMING	3
COP2044C	MACHINE LEARNING WITH PYTHON	4
COP1700C	INTRODUCTION TO DATABASE AND MYSQL	3
CAP2788C	DATA+	3
CAP2787C	DATA WAREHOUSE AND DATA MINING FUNDAMENTALS	3
COP1250C	PROGRAMMING 1	4
ISM2410C	ANALYZING AND VISUALIZING DATA WITH POWER BI	4
STA2023	STATISTICS	3
CAI1001C	ARTIFICIAL INTELLIGENCE (AI) THINKING	3
CAI2300C	NATURAL LANGUAGE PROCESSING	3
CAI2840C	COMPUTER VISION	3
PHI2680	ARTIFICIAL INTELLIGENCE AND ETHICS	3
Total Credits		60

Notes:

See General Education course information here (<https://catalog.broward.edu/academic-affairs/associate-science-general-education-graduation-requirements/>).

In accordance with Florida Statute and Florida Administrative Code, students may need to satisfy the Civic Literacy Graduation Requirement. Visit the Civic Literacy Graduation Requirement page at [broward.edu/civic-literacy](https://students.broward.edu/resources/civic-literacy/) (<https://students.broward.edu/resources/civic-literacy/>).

Students are strongly encouraged to meet with an advisor (<https://students.broward.edu/resources/advising/>) to create a personalized educational plan.

CREDIT FOR PRIOR LEARNING

Accelerate your path to completion with these options:

- Credit by exam
- Earned industry certifications
- Prior Learning Assessment
- And much more...

GET AN INTERNSHIP

After completing your first year of coursework make sure to visit Employment Solutions (<https://broward.edu/career/>) for internship opportunities and helpful tools like virtual job shadow, to help take your career to the next level!

- Get an Internship (<http://broward.edu/studentresources/career/Pages/Find-a-job-or-internship.aspx>)
- Virtual Job Shadow Tool (<http://www.broward.edu/studentresources/career/Pages/default.aspx>)

MEDIAN WAGE AND JOB GROWTH OUTLOOK

Broward College has Career Coach (<https://www.broward.edu/careercoach/>)! It is designed to help you find a good career by providing the most current local data on wages, employment, job postings, and associated education and training.

FUND YOUR EDUCATION

This program is Financial Aid (<https://www.broward.edu/admissions/financial-aid/>) eligible. Scholarships (<https://www.broward.edu/admissions/financial-aid/scholarships/>) may be available.