1-800-472-4554 | TTY/VP. Use Relay/VRS

ARTIFICIAL INTELLIGENCE DATA SPECIALIST

Program Number: 10-156-4
Associate of Applied Science Degree
Campus: Beaver Dam, Fond du Lac, West Bend, Online
This program is eligible for financial aid (http://www.morainepark.edu/financial-aid/)

About the Program

Artificial Intelligence (AI) Data Specialist students will obtain education and training on data and programming skills used to acquire, analyze and prepare data for use in machine learning algorithms. Students will also receive training in predictive analytics, natural language processing, and ethical concerns regarding AI and will be prepared to evaluate results and implement the models in a production environment.

What You'll Learn

Students in the Artificial Intelligence Data Specialist program develop essential skills in data management, analysis, and programming necessary for AI applications. Students gain hands-on experience with Python programming, SQL, relational databases, and predictive analytics. The curriculum emphasizes natural language processing, data visualization, data modeling, and ethical considerations in AI implementation. Through project-based learning including a capstone experience, graduates are prepared to acquire, prepare, and analyze data using AI solutions in production environments across various industries.

Transfer Opportunities

Your academic journey can continue at a four-year college or university. Earn your associate degree at Moraine Park and then apply those credits toward a bachelor's degree. Starting at MPTC makes completing a bachelor's degree **affordable**, **accessible** and **convenient**. You can go anywhere as MPTC has transfer agreements with colleges and universities both in Wisconsin and throughout the country.

Visit the Transfer to a Four-Year College (https://www.morainepark.edu/transfer-to-a-four-year-college/) page for more information on credit transfer agreements between Moraine Park and four-year colleges, both public and private.

Admission Process

Standard Admissions (http://www.morainepark.edu/admissions/new-student/how-to-apply-for-admissions/) steps details

Credit for Prior Learning

Transform the skills and abilities developed through previous experience into college credit through MPTC's Credit for Prior Learning process.

- Transfer credit from other colleges/universities
- Earn college credit for your military training and experience
- Earn college credit via Advance Placement, CLEP, DANTES/DSST or MPTC Challenge Exams
- Earn college credit from previous/current work and life experiences

Visit MPTC's Credit for Prior Learning (https://www.morainepark.edu/academics/credit-for-prior-learning/) page for more information.

Approximate Costs

Tuition

Occupational

- $152.85 per credit (resident)
- $229.28 per credit (out-of-state resident)

Associate of Arts/Associate of Science

- $192.20 per credit (resident)
- $288.30 per credit (out-of-state resident)

Online students are not charged out-of-state fees.

Student Fees

- $5.00 minimum per course Material Fee
- $13.76 per-credit Supplemental Fee for Undergraduate courses
- $4.50 per term mandatory Student Accident Insurance Fee

Please refer to Tuition & Fee Information (https://catalog.morainepark.edu/admissions-registration/tuition-fee-information/) for additional enrollment fee information.

Financial Aid

Financial Aid is available for associate degree and technical diploma programs (those that are 2 semesters in length and typically with 28 credits or more). Processing can take 4-5 weeks after a student's completed Free Application for Federal Student Aid (FAFSA (https://studentaid.gov/h/apply-for-aid/fafsa/)) is received.

Several factors influence the total cost of your degree, including enrollment fees, the number of credits required, textbooks and equipment. Financial aid (https://www.morainepark.edu/pay-for-college/financial-aid/) can assist with those costs.

Course Requirements

Course	Title	Credits
Semester 1		
103-159	Computer Literacy - Microsoft Office	1
150-107	IT Fundamentals 1	3
152-108	Introduction to Programming	3
156-102	AI Fundamentals	3
801-136	English Composition 1	3
890-101	College 101	2
	Credits	**15**
Semester 2		
101-138	Data Management, Analysis and Reporting	3
102-140	Business Analyst Software Applications	3
152-105	Relational Databases	3
804-189	Introductory Statistics	3
809-166	Introduction to Ethics: Theory and Application	3
	Credits	**15**
Semester 3		
152-132	SQL	3
156-112	Predictive Analytics	3
156-114	Business Apps for AI	3
156-116	Natural Language Processing	3
801-197	Technical Reporting	3

Social Science Course (https://catalog.morainepark.edu/academic-programming/general-education/behavioral-social-science/)		3
	Credits	**18**
Semester 4		
156-107	Data Modeling	3
156-110	Data Visualization and Reporting	3
156-118	AI Capstone	3
196-188	Project Management	3
Behavioral Science Course (https://catalog.morainepark.edu/academic-programming/general-education/behavioral-social-science/)		3
	Credits	**15**
	Total Credits	**63**

Program Outcomes

- Communicate with stakeholders
- Acquire data from a variety of common data sources
- Transform data to meet business and technical needs
- Evaluate machine learning models
- Implement AI solutions
- Examine the various application of AI in industry
- Navigate the ethical implications of various types of AI solutions

Career Opportunities

- AI Data Specialist
- AI Data Technician
- Data Analyst