



Artificial Intelligence PROGRAM OUTLINE

PROGRAM DETAILS

The Artificial Intelligence Diploma at A1 Global College of Health, Business & Technology is designed to provide students with comprehensive, career-ready skills in the field of AI and data science. This hands-on program focuses on machine learning, deep learning, data mining, big data, Python programming, and AI-driven project management—all essential components of today's technology-driven landscape.

Students will develop practical competencies through real-time projects and industry-relevant instruction delivered in an interactive online format.

ADMISSION REQUIREMENTS

- Grade 12 Diploma or equivalent GED
- Minimum 18 years or older
- English Language Proficiency

Note: For the most accurate and up-to-date admission requirements, we recommend contacting our college campus directly or visiting our website. Please note that meeting the minimum requirements do not guarantee admission, as certain programs may have limited availability.

EMPLOYMENT PROFILE

Graduates of this program are prepared for entry-level and intermediate roles in the AI and IT industry. Job responsibilities often include:

- Developing and training AI models
- Designing and deploying machine learning algorithms
- Data cleaning, visualization, and analytics
- Understanding legal and ethical frameworks in AI
- Cloud platform integration and system deployment
- Managing AI-based projects and reporting

CAREER OPPORTUNITIES

Graduates of the Artificial Intelligence Diploma may pursue careers such as:

- AI Analyst
- Machine Learning Engineer
- Data Scientist
- AI Consultant
- AI System Designer
- Project Manager (AI Projects)
- Big Data Analyst
- Data Visualization Specialist

\$61k - \$105k	Annual Salary
\$29/hr - \$51/hr	Hourly Rate

**According to jobbank.gc.ca (NOC code 21211)*

PROGRAM DURATION

Total program hours	640 Hours
Total program length	32 Weeks

PROGRAM OUTLINE

The Artificial Intelligence Program at A1 Global College equips students with skills in the design, implementation, and analysis of AI solutions.

Here are the program's core focus areas:

- Data Analytics & Data Mining
- Python Programming for AI
- Machine Learning & Deep Learning
- Introduction to Artificial Intelligence
- Mathematics for Machine Learning
- Cloud Computing Technologies
- AI-driven Project Management

Students engage in real-world projects to prepare for success in tech-driven roles across multiple industries.



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PROGRAM SUMMARY

This table will display a summary of total Instructional hours, delivery format and percentage weight for every type of learning entered in the List of Subjects. The Ministry, Career College and any subject or education assessors may refer to this section for a general understanding of the components of the program.

Type of Learning	Total Instruction Hours	Delivery Format	% Weight
Theory	640.00	Online	100%
Total Program Hours	640.00		100

List of subjects with the time allocation for each

#	Module	Instruction Hours	Delivery Format
1	Data Analytics	70	Online
2	Mathematics for Machine Learning	70	Online
3	Machine Learning and Deep Learning	70	Online
4	Introduction to AI	70	Online
5	Data Mining & Analysis	70	Online
6	Cyberlaw, Data & Ethics	70	Online
7	Machine Learning in Cloud Computing	70	Online
8	Artificial Intelligence Project Management	70	Online
9	Python Programming	80	Online
	Total Hours	640	

**The course content may be changed as per Industry standards*

Please Note:

- The courses listed above may not be presented in the order that they appear in this outline.
- Textbooks and supplies necessary for the program, including all required certifications, are included in the fee structure.
- A segment of the program may utilize online and/or computer-assisted learning courses or a combination of various learning methods, including instructor moderation and online-delivery, to enhance the learning experience.
- To support continuous program development and updates, the College reserves the right to make amendments or modifications are needed. These revisions may include adjustments to content, updates to the curriculum, changes in course titles, materials, schedules, distribution of course content, sequencing of course delivery, instructor or course substitutions, and updates to technology software, or equipment. Any changes made are effective upon implementation.