



SCAN ME

Diploma in Computing with Introduction to Artificial Intelligence

WHY CHOOSE US?



High Employability

Prepare students to meet the needs of the future industry



Industry Relevance

Industry experts to help keep our programmes relevant



Industry Recognition

Received endorsements from industry-leading organisations



International Partners

Established partnerships and worked with industry-leading education institutions



Certificate No. EDU-2-2149
Validity: 11 April 2026 to 10 April 2030

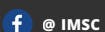
COURSE OVERVIEW

The Diploma in Computing with Introduction to Artificial Intelligence is not just a course; it's a launchpad for tomorrow's tech innovators. Designed for forward-thinkers, this dynamic programme blends rigorous academic training with hands-on, industry-aligned projects, ensuring you graduate job-ready. Dive into cutting-edge modules like AI-driven data analysis, database architecture, and responsive web design, guided by experts through interactive classes (online or in-person).

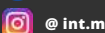
JOB PROSPECTS

- Junior Web Developer
- Front-End Developer
- Full-Stack Developer (Junior)
- Data Analyst
- Machine Learning Assistant/Junior ML Engineer
- Back-End Developer
- AI/Data Science Trainee
- Software Developer (Entry-Level)

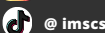
RCB No. 200305869C | Exp: 13 July 2022 - 12 July 2026



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Visit us at : www.imsc.edu.sg/

Contact us at : +65 6423 0668 or info@imsc.edu.sg.

Entry Requirements

Age	<ul style="list-style-type: none"> • Minimum 16 years old
Academic Qualification	<ul style="list-style-type: none"> • 3 GCE O' Level Passes at C6 and above; or NITEC or Higher NITEC; or High School Graduation Certificate; or equivalent
Mature Candidates	<ul style="list-style-type: none"> • Mature candidates (minimum 30 years old with 8 years of working experience) with NITEC or minimum 2 GCE O level passes (at least C6 in English and any other subject) or 3 GCE N level passes (at least grade 5 in English and any two other subjects)
English Language Proficiency	<ul style="list-style-type: none"> • GCE 'O' Level Pass in English \geq C6 ; OR • IELTS \geq 5.0 or equivalent • TOEFL \geq 49 and above; or • Pearson Test of English (PTE) \geq 42 ; or • Duolingo English Test Score (DET) score of \geq 75 ; or • Pass in IMSC Language Literacy and Numeracy (LLN) Test

Intake

Monthly intake. Please contact IMSC for specific intake dates.

Fees *

Local Students	\$ 9,047.00
<small>*Including application fees and Fee Protection Scheme fees; excluding medical insurance (optional) and miscellaneous fees (payable only if applicable)</small>	
International Students	\$ 10,213.30
<small>*Including application fees, Fee Protection Scheme fees and medical insurance (compulsory); excluding miscellaneous fees (payable only if applicable)</small>	

Duration

Full - Time	8 Months	(3 - 4 hours x 5 days a week)
Part - Time	10 Months	(3 hours x 3 days a week)

COMPULSORY CORE MODULES

No.	Module Title
1	HTML Fundamentals
2	CSS Fundamentals
3	Python Fundamentals
4	JavaScript Fundamentals
5	Front-End Development
6	Back-End Development
7	Data Centric Development
8	Modern Frameworks
9	Introduction to Artificial Intelligence and Machine Learning: Supervised Machine Learning
10	Artificial Intelligence: Unsupervised Pattern Discovery

Enrollment



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MODULES DESCRIPTION

HTML FUNDAMENTALS

This module introduces fundamental markup and coding best practices, and foundation concepts. It is intended for those wishing a basic introduction to writing code, whether for mobile, computer or software applications.

CSS FUNDAMENTALS

This module introduces fundamental markup and coding best practices, and foundation concepts. It is intended for those wishing a basic introduction to writing code, whether for mobile, computer or software applications.

PYTHON FUNDAMENTALS

This module develop familiarity with the Python language.

JAVASCRIPT FUNDAMENTALS

This module develop familiarity with the JavaScript language.

FRONT END DEVELOPMENT

This module develop familiarity with front end concepts and skills

BACK END DEVELOPMENT

This module develop familiarity with the JavaScript language.

DATA CENTRIC DEVELOPMENT

This module develop familiarity with the MySQL and Mongo DB.

MODERN FRAMEWORKS

This module develop familiarity with Modern Frameworks within the JavaScript language.

INTRODUCTION TO ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING: SUPERVISED MACHINE LEARNING

This unit introduces learners to applied machine learning, and artificial intelligence focusing more on the techniques and methods than on the statistics behind these methods. The hands-on section of this unit focuses on using best practices for each type of supervised machine learning techniques, including train and test splits, handling data sets with unbalanced classes in real-world scenarios and evaluating the modelling results.

ARTIFICIAL INTELLIGENCE: UNSUPERVISED PATTERN DISCOVERY

This unit introduces learners to applied machine learning and artificial intelligence, focusing more on the techniques and methods than on the statistics behind these methods. The hands-on section of this unit focuses on using best practices for each type of unsupervised machine learning techniques, including train and test splits, handling data sets with unbalanced classes in real-world scenarios and evaluating the modelling results.

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Fees

LOCAL STUDENTS		
FEES BREAKDOWN		AMOUNT INCLUDING GST (SGD)
<i>Academic Fees</i>		
1	Course Fees	\$ 8,720.00
SUB - TOTAL :		\$ 8,720.00
<i>Others</i>		
2	Application Fees - <i>non-refundable</i>	\$ 196.20
3	Fee Protection Scheme (FPS) - <i>compulsory</i>	\$ 130.80
GRAND - TOTAL :		\$ 9,047.00
4	Medical Insurance - <i>optional</i>	\$ 98.10
		\$ 9,145.10
<i>Note :</i>		
<ul style="list-style-type: none"> • Application Fees have to be paid to begin the registration process. • Fee Protection Scheme is compulsory and payable before course commencement. • Instalment payment potentially available for local students. • Medical insurance is optional, depending on whether student has equivalent local insurance coverage. 		

MISCELLANEOUS FEES (PAYABLE ONLY IF APPLICABLE)		
PURPOSE OF FEES		AMOUNT INCLUDING GST (SGD)
1	Deferment Fees	\$ 239.80
2	Re-Assessment Fees (<i>per unit</i>)	\$ 163.50
3	Re-Module Fees (<i>per module</i>)	\$ 436.00
4	Penalty for Late Payment (<i>per week</i>)	\$ 10.90
5	ICA Online Issuance Fee (<i>for Student's Pass</i>)	\$ 60.00 - \$ 90.00
6	Medical Insurance (<i>if applicable</i>)	\$ 98.10
7	IMSC Uniform	\$ 32.70
8	Exam Appeal Fee	\$ 54.50
9	Renewal of Student's Pass (<i>including ICA processing & issuance fee</i>)	\$ 135.00
10	Printing Cost (<i>per sheet</i>)	\$ 0.20 - \$ 0.40

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Fees

INTERNATIONAL STUDENTS		
FEES BREAKDOWN		AMOUNT INCLUDING GST (SGD)
<i>Academic Fees</i>		
1	Course Fees	\$ 9,592.00
SUB - TOTAL :		\$ 9,592.00
<i>Others</i>		
2	Application Fees - <i>non-refundable</i>	\$ 392.40
3	Fee Protection Scheme (FPS) - <i>compulsory</i>	\$ 130.80
4	Medical Insurance - <i>compulsory</i>	\$ 98.10
GRAND - TOTAL :		\$ 10,213.30
<i>Note :</i>		
<ul style="list-style-type: none"> • Application Fees have to be paid to begin the registration process. • All items except Application Fees must be paid in a single instalment before course commencement. 		

MISCELLANEOUS FEES (PAYABLE ONLY IF APPLICABLE)		
PURPOSE OF FEES		AMOUNT INCLUDING GST (SGD)
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About IMSC

Founded in 2003, IMSC stands as one of Singapore's pioneering private educational institutions. It emerged following the privatization of the education division within the former Singapore Sports Council.

We deliver tailored education solutions that transform students into globally competitive professionals and visionary entrepreneurs. Our programs are meticulously designed to align with high-growth industries, ensuring graduates not only secure opportunities but thrive in them.

During its founding days, IMSC was appointed by the United States Sports Academy (USSA) as its sole partner in Singapore to provide quality academic sports certifications and diplomas. Thereafter, IMSC continued to grow from strength to strength, and has diversified into providing professional certifications and education in multiple industries such as business management, hospitality and tourism, sports and wellness, logistics, and many others.

IMSC has persistently emphasized building a formidable international presence. It has attracted students from over 15 countries and has established academic and industry partnerships with esteemed institutions in China, Malaysia, Vietnam, England, Australia, and India. Today, IMSC's programmes can also be found in countries like Malaysia and China.

OUR MISSION

We are committed to becoming Asia's premier education innovator, empowering students with industry-aligned skills that transcend borders.

OUR VISION

To Lead Asia in Building Sustainable, Global Careers.

OUR CULTURE

Where success is not quantified by just the result, but rather by the calibre of the pursuit.

OUR VALUES

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Why choose IMSC?

- Industry Readiness – Special emphasis on teaching skills and knowledge necessary for the workforce.
- Access to Higher Education - Our pedagogy is grounded in a curriculum aligned with the latest frameworks adopted by leading universities, ensuring that students acquire relevant, forward-thinking knowledge and are well-prepared for advanced learning.
- Rigorous Curriculum - Provide students with a strong academic foundation that would allow them to pursue higher education.
- Experienced Educators - Our educators are industry practitioners, ensuring students learn workplace-relevant skills and knowledge.

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