



SCAN ME

Advanced Diploma in Software Technology

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



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

COURSE OVERVIEW

The Advanced Diploma in Software Technology is a dynamic program offering insights into computer networks, 3D content creation, professional development, computer vision, and cloud computing. Gain hands-on experience in implementing cloud-based solutions and develop critical skills for effective project management. This diploma prepares you for the fast-paced software industry by combining theoretical knowledge with practical expertise, ensuring you graduate ready for success in this dynamic field.

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)

Entry Requirements

Age	Minimum 17 years old
Academic Qualification	- Pass at least three subjects at Grade E in GCE A level (or) equivalent foreign qualifications - Diploma in Computing with Introduction to Artificial Intelligence - Diploma in Web Application Development; or - Diploma in Full Stack & Data Analytics or equivalent
Mature Candidates	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	- 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	\$ 6,325.27
*Including application fees and Fee Protection Scheme fees; excluding medical insurance (optional) and miscellaneous fees (payable only if applicable)	
International Students	\$ 7,175.47
*Including application fees, Fee Protection Scheme fees and medical insurance (compulsory); excluding miscellaneous fees (payable only if applicable)	

Duration

Full - Time	6 Months	(3 hours x 5 days a week)
Part - Time	10 Months	(3 hours x 3 days a week)
Final Project	Up to 3 Months	

COMPULSORY CORE MODULES

No.	Module Title
1	Networking Systems and Technology
2	Real Time Interactive Applications for 3D
3	Computer Vision and Developing AI Solutions
4	Systems Management and Cloud Computing
5	Professional Development
6	Research Project

Enrollment



Contact IMSC at **6423 0668** or
info@imsc.edu.sg.

In Partnership with :



MODULES DESCRIPTION

NETWORKING SYSTEMS AND TECHNOLOGY

This module provides a comprehensive foundation in computer networks, covering operating systems, hardware, protocols, and network infrastructure. Students learn to diagnose network issues, design IP addressing schemes, and implement security measures. Practical skills in selecting equipment, configuring protocols, and optimizing network structures are emphasized, preparing learners to manage scalable and secure network environments in real-world scenarios.

REAL TIME INTERACTIVE APPLICATIONS FOR 3D

Focused on 3D content creation, this module teaches the production of assets, textures, and workflows for applications like AR/VR and 3D printing. Learners gain proficiency in industry-standard tools, transform conceptual designs into tangible deliverables, and develop project management skills such as scheduling and communication. The curriculum bridges technical expertise with collaborative soft skills for immersive software development.

COMPUTER VISION AND DEVELOPING AI SOLUTIONS

Exploring AI and machine learning, this module equips students to assess AI principles, construct systems using modern tools, and evaluate learning algorithms. Topics include ethical considerations, real-world AI applications, and challenges in ML advancements. Learners reflect on personal experiences and innovate solutions, blending theoretical knowledge with practical AI development for diverse industries.

SYSTEMS MANAGEMENT AND CLOUD COMPUTING

This module focuses on cloud architecture, virtualization, and operating systems (Linux/Windows). Students implement cloud-based solutions, manage directory services, and explore distributed computing. Emphasis is placed on evaluating OS capabilities, simulating cloud environments via virtual machines, and applying technical skills to optimize system performance in scalable cloud infrastructures.

PROFESSIONAL DEVELOPMENT

Centered on workplace readiness, this module cultivates reflective practices, professional boundaries, and integration of academic knowledge with practical skills. Learners analyze personal conduct, navigate workplace constraints, and explore how social and cultural contexts shape professional practices. Exercises foster communication, ethical decision-making, and competence in real-world settings.

RESEARCH PROJECT

This capstone module involves independent research, critical analysis of industry trends, and preparation for work-based learning. Students develop career-focused materials, establish professional networks, and systematically plan projects aligned with discipline opportunities. Emphasis is on synthesizing research findings, identifying future career paths, and presenting insights to enhance employability in the software sector.

Enrollment



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About IMSC

The International Management and Sports College (IMSC) was formed after a rebranding exercise undertaken by the International Sports Academy (ISA).

ISA was founded in 2003 to provide the much-needed knowledge and skills required to empower individuals with the right tools to achieve success in the burgeoning sporting industry. Together with our partners from the United States Sports Academy, the National Strength and Conditioning Association, and the American Council on Exercise, we offer quality certifications and diplomas that are recognised internationally, to provide our students with an edge in the sports and fitness industry.

Over the years, the sports and fitness industry has evolved greatly and the local sports scene has seen an explosion of world-class sports events like Formula One and the WTA Finals. There is now a demand for trained personnel not just in sports and fitness, but also in tourism, hospitality, events management, marketing, retail, and facilities management. Thus ISA was renamed International Management and Sports College (IMSC) to better reflect our increased course offerings in business, tourism and hospitality management to better serve the changing needs of the industry.

IMSC will continue to serve as Singapore's and the region's premier private education institution, in providing a holistic education that equips individuals with the skillsets and competencies required for the future economy. We offer a series of quality academic programmes, professional certifications and continuing education courses to cater to varied needs and schedules, in helping our students achieve their goals in lifelong learning.

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

Passion | Progress | Purpose

Why choose IMSC?

- Conferred Edutrust (4-Year) Award by the Committee for Private Education for maintaining high standards in providing quality education services.
- Appointed Education Partner by University of Portsmouth for Sports Science and Sports Management programmes.
- Named Most Preferred Private Education Institute for Diploma/Advanced Diploma (Sports and Recreation) by JobsCentral Learning Survey.
- Provides early industry exposure and job placement assistance through extensive industry network.
- Endorsed by leading industry employers such as Virgin Active, True Fitness, the Pure Group, BFT, among others.
- Offers continuing education courses for increasing skillsets.

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