

Building the Bay Bridging the World

Hengqin International Digital
Intelligence Talent Development
Base Launched

2026

Admission Brochure of the ICT College

Strategic positioning

Based in the core hinterland of the Greater Bay Area, serving as an international center for digital intelligence talents in line with national strategies.

The Hengqin International Digital Intelligence Talent Training Base is located in the core hinterland of the Greater Bay Area, adjacent to Macao. Deeply integrated into the national development strategy, the base aligns precisely with Macao's role as a commercial and trade service platform for China and Portuguese-speaking countries, responding to Macao's appropriate economic diversification strategy, and closely relying on the "Industrial Development Plan for the Hengqin Guangdong-Macao In-Depth Cooperation Zone", as well as the national strategy for economic, trade, and technological cooperation with Portuguese-speaking countries and Latin America. The base represents a strong tripartite cooperation among the Service Centre for Economy and Trade between China and Portuguese/Spanish-speaking Countries, Huawei Technologies Co., Ltd., and Beijing Wenhua Online Education Technology Co., Ltd. Located in Hengqin, it contributes to building a globally oriented educational powerhouse and fosters a new industrial ecosystem for the integrated development of education, technology and talents.

Through the integrated service system combining "hardware+software+content+operations", it provides annual training capacity for over 3,000 talents. Serving the Greater Bay Area, influencing APAC, and connecting with Portuguese/Spanish-speaking regions, it has become a global center for cultivating digital intelligence talents through multilateral and diverse interactions..



Base Facilities

A Four-in-One Integrated Training Ecosystem for All Scenarios

Three core functional positioning

Digital Intelligence Talent Development Center

Focus on cutting-edge: Deepen expertise in key digital technologies such as AI, 5G and Big Data.

Practice-oriented: Provide customized practical training and certification by tier and category to cultivate industry-ready talents.

Smart Education Innovation Center

Solution output: Targeting the global market, focusing on Portuguese/Spanish-speaking regions, providing mature smart education products, and exporting China education solutions..

Application demonstration: China's deep integration of artificial intelligence technology and educational applications.

AI Innovation and Entrepreneurship International Incubation Center

Ecosystem collaboration: Connect with top-tier competition platforms such as "China International College Students Innovation Competition" and "Huawei ICT Competition" for gathering high-quality global educational resources.

Project co-creation: Provide full-process project incubation support for innovation and entrepreneurship teams in the field of international education technology, and co-develop globally competitive smart education products and solutions.

Core Training Space

— AI Large-Scale Training Room



Display Space

— Interactive Smart Hall



Hua'ao ICT College Organizational Structure

Immersive Teaching, Dual-Track Instruction
Combining Theory and Practice.

Smart Education Teaching Department

- * Smart Teaching Classroom Construction and Application
- * Smart Teaching Platform + AI-Agents Development and Application
- * AIGC Tools Application and Smart Course Development
- * Teachers' Digital Intelligence Literacy and Competencies Enhancement

Smart Education

AI Teaching Department

- * AI Fundamentals and Core Technologies
- * Computing Power Architecture/ Business
- * Process Design / Large Model Deployment
- * Building Knowledge Systems through Scenario-Based Cases

AI

5G

5G Teaching Department

- * 5G Architecture and Key Technologies
- * ICT Integrated Technologies
- * Full-Lifecycle Skills in 5G "Planning, Construction, Maintenance, Optimization"

Datacom

Datacom Teaching Department

- * Core of Full-Stack Data Communication Technologies
- * Full Modules of Architecture / Protocols / Deployment
- * Whole-Process Learning + Simulation Practice Experience

Faculty Setup

Tripartite Collaboration Among Government, Industry, and Academia to Build a Top Faculty Team.

- * Hengqin Educational Research Team
- * Huawei Technical Specialist



- * Academic Mentor from Higher Education Institutions
- * Research Institute Expert
- * Domain Independent Scholar

- * Industry Practical Elite
- * Enterprise Practical Experts

Certification System

Three Authoritative Certifications, your passport to global employment opportunities.



*This is a certificate specimen

Public Service Facilities — Integrated Service Area



Smart Teaching and Learning Platform — Innovation and Entrepreneurship Incubation Room



Hengqin · International Digital Intelligence Talent Development Base

Grounding in Technology, Bridging to the World,
Empowering through Education -
Forging Navigators of the Digital Intelligence Era!
We look forward to your participation in jointly painting
the future landscape!



Scan the QR Code to Register

Registration information

Registration	rolling admissions, 30 students per class
Method	Scan the QR code to register or register on site
Email	HQSZ@ulearning.cn
Address	3/4 Floor, Building 8, CECPS, No. 2333 Gang'ao Avenue, Guangdong-Macao In-Depth Cooperation Zone in Hengqin.



Transportation

110 kilometers from Shenzhen
Bao'an International Airport,
about 80 minutes by car
20 km from Zhuhai Jinwan
Airport, about 20 minutes by car
6 kilometers away from Hengqin
Port, about 10 minutes by car