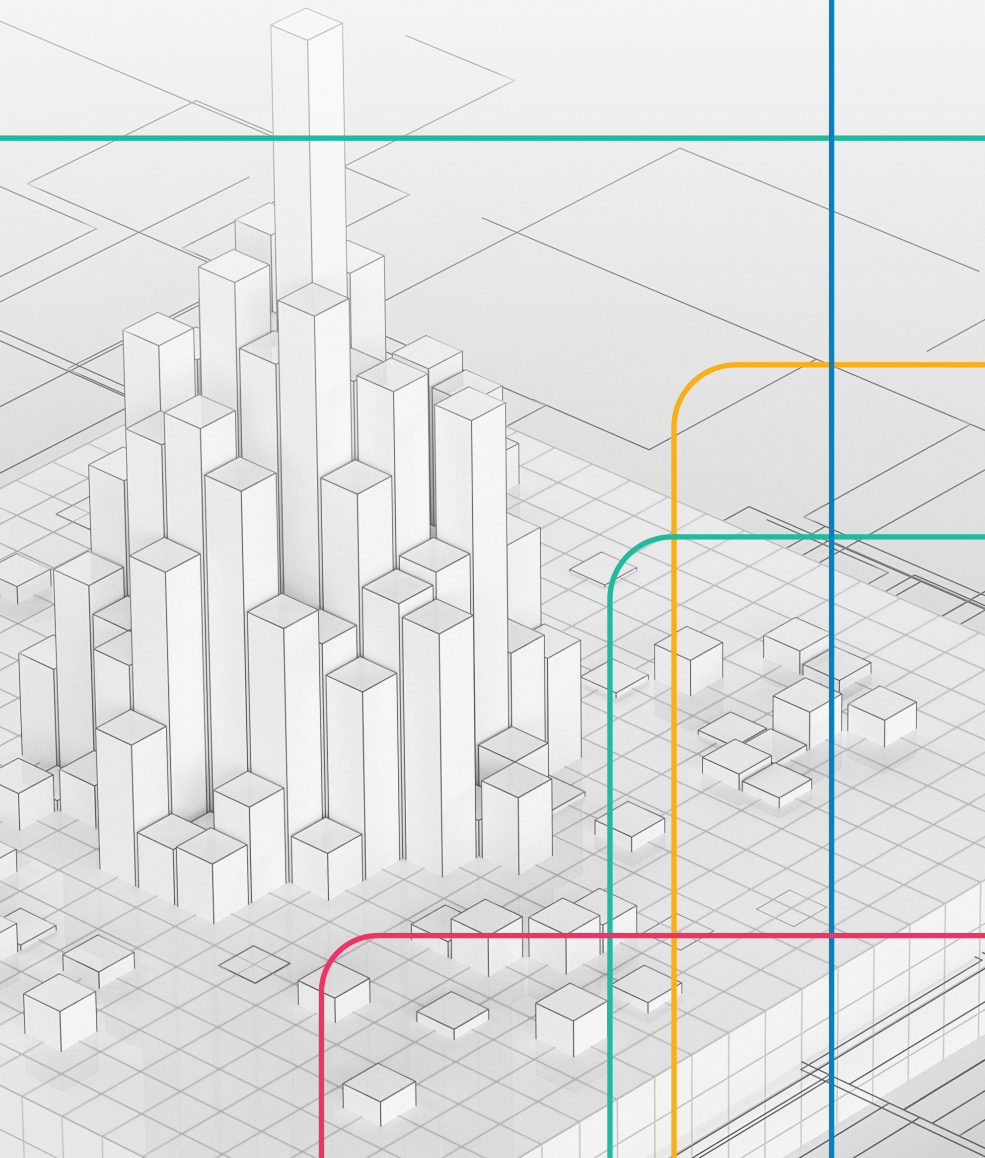


ADVANCED DIPLOMA 高级文凭

DIGITAL CONSTRUCTION TECHNOLOGY

建筑科技

TVET
Smart Choice
Bright Future





About Us



Malaysia Technology Transformation & Creativity (MTTC) College, the esteemed institution specialising in Architecture, Engineering, and Construction (AEC), is proudly registered with the Department of Skills Development (JPK) under the Ministry of Human Resources in Malaysia.

Since 2013, MTTC College has fostered strong collaborations with key Malaysian government-driven departments such as MDec and CIDB. Through these partnerships, we have actively promoted and provided comprehensive training in Building Information Modeling (BIM). MTTC College offers a unique vocational pathway that empowers students to pursue their dreams on a global scale, particularly in the United Kingdom upon graduation.

Our specialised certifications enable the seamless integration of cutting-edge technologies, while instilling essential skills and knowledge into our programs.

By doing so, we strive to nurture highly-skilled talents for the design and building construction industry in our country.

ALWAYS BE PREPARED FOR FUTURE-READY APPLICATIONS



Jabatan
Pembangunan
Kemahiran

70%

30%

Skills
oriented

Practical
and
assignments
based

VS

Practical

Theory

Orient

Basis



Malaysian
Qualification
Agency

30%

70%

Academic
oriented

Research and
exam based

ADVANCED DIPLOMA 高级文凭

DIGITAL CONSTRUCTION TECHNOLOGY

建筑科技

COURSE OUTLINE

YEAR 1

BIM Fundamentals

Construction
Tech System 1

BIM Design Process

Design Engineering
Project 1

Construction
Tech System 2

Design Coordination
& Documentation

Design Engineering
Project 2

YEAR 2

Design Analysis

Construction
Planning & Design

Design Engineering Project 3

BIM Project &
Execution Plan

Design Engineering Project 4

Employer-based Learning

MASTER THE TOOLS SHAPING MODERN CONSTRUCTION

This course aims to develop a range of skills needed in plan execution for building construction projects with a particular emphasis on creativity, computer-aided engineering tools, optimisation, human factors, design process, enterprise skills and industrial experience necessary to launch brand new products to market with comprehensive training in Building Information Modeling (BIM).

SCAN FOR MORE INFO



VOCATIONAL PATHWAY

16 Years Old /
SPM / O' Level /
UEC School Leavers

2 Years TVET
Programme at
mttc
COLLEGE

Job Placement

CAREER PROSPECT

- BIM Specialist
- Digital Construction Manager
- VDC Coordinator
- 3D Modeler
- Construction Automation Specialist
- Digital Twin Specialist
- Smart City Planner
- Sustainability and Energy Analyst
- Construction Data Analyst
- Augmented/Virtual Reality Developer for Construction

ENTRY REQUIREMENT

Age 16 & Above | English Proficiency



STUDENTS' SPARK ZONE

BEYOND THE CLASSROOM



Site Visit to Real-world Projects



Site Visit



Student Activities

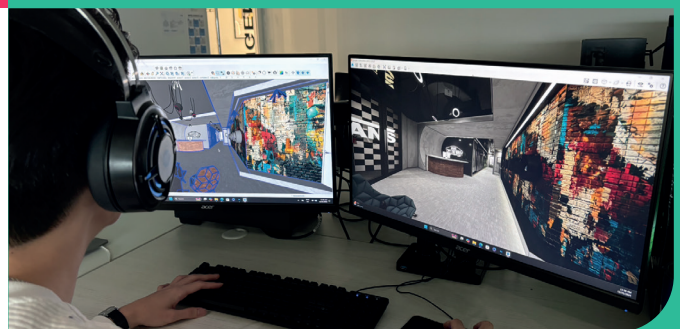
PJ CAMPUS 603 • 7931 3139
Menara Harvey Norman
Block B, Level 3, Menara Harvey Norman,
Seksyen 51a, 46100 Petaling Jaya, Selangor.

JB CAMPUS 607 • 509 0694
Citrine Hub Sunway Iskandar
Level 7, Citrine Hub Sunway Iskandar,
81550 Iskandar Puteri, Johor.

✉ enquiry@mttc.edu.my

🌐 www.mttc.edu.my

Accredited by:



Dual Screen Display



Mite Training