

ADVANCED DIPLOMA 高级文凭

A 3D printer with a white nozzle is shown printing a white geometric lattice structure on a white surface. The background is a bright, modern interior with large windows and white architectural elements. Two thin vertical lines, one red and one teal, run down the right side of the page. Two thick, curved lines, one orange and one yellow, sweep across the middle of the page from left to right.

INDUSTRIAL DESIGN & TECHNOLOGY

工业设计

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

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COURSE OUTLINE

YEAR 1

Drawing Fundamentals
Computer Aided Design 1
Digital Visualization and
Artificial Intelligence
Industrial Design Practice 1
Materials &
Manufacturing Process
Computer Aided Design 2
Industrial Design Practice 2

YEAR 2

Sustainable Design
and Technology
3D Printing System
Industrial Design Practice 3
Entrepreneurship Practice
Employer Based Learning
Industrial Design Practice 4

DESIGN THE PRODUCTS OF TOMORROW

The Industrial Design and Technology course empowers you to create innovative, user-centered products that blend form, function, and cutting-edge technology. Learn the entire design process, from conceptualization and 3D modeling to prototyping and manufacturing. Explore materials, ergonomics, and sustainable design practices to develop products that not only look great but are practical and environmentally conscious. You'll gain the technical know-how to bring your creative ideas into the real world.

SCAN FOR MORE INFO



VOCATIONAL PATHWAY

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

2 Years TVET
Programme at



Job Placement

CAREER PROSPECT

- Product Designer
- Industrial Designer
- Prototyping Specialist
- Design Engineer
- Sustainable Product Designer
- Automotive Designer
- Medical Device Designer
- 3D Printing Technician
- Packaging Designer
- Innovation Strategist

ENTRY REQUIREMENT

Age 16 & Above | English Proficiency



STUDENTS' SPARK ZONE

BEYOND THE CLASSROOM



MTTC Award Ceremony



Material Library



Student Activities



Live On Air with RTM2



Site Visit to Real-World Projects

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.

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Accredited by:

