

Contact Us



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About CAIRO UTM



CAIRO is a center for Research & Development based in Universiti Teknologi Malaysia, founded in 1997 as one of the Centres of Excellence. Specializing in Artificial Intelligence, Robotics, and Control & Automation. This year is the 25th year of its anniversary.

CAIRO has strong linkages and networking with both academic institutions and industrial sectors.

CAIRO is HRD-Corp Registered Training Provider and awarded as Competence Centre in Artificial Intelligence and Robotics by the Ministry of Higher Education.

Program Description

This training will focus on several methods but is not limited to case studies & applications and technical hands-on activities on hardware/software.

The program will have a mixture of hands-on training from different topics which will be fitted in during the program.



CAIRO UTM Executive Training Program



SMART MANUFACTURING



Beginner

- Introduction to Smart Manufacturing
- Artificial Intelligence of Smart Manufacturing
- Data Science for Smart Manufacturing



Intermediate

- Smart Manufacturing
- Artificial Intelligence
- Internet of Things



Advanced

- Industrial Collaborative Robot Programming - YUMI
- Industrial Collaborative Robot Programming - UR
- Industrial Collaborative Robot Programming - ADEPT

ARTIFICIAL INTELLIGENCE



Beginner

- Introduction to Artificial Intelligence & Applications



Intermediate

- Convolution Neural Network
- Neural Network Computing
- Artificial Intelligence for Industry
- Artificial Intelligence for Robotics
- Artificial Intelligence



Advanced

- Artificial Intelligence for Computer Vision
- Advanced Machine Learning for Big Data Analytics

ROBOTICS



Beginner

- Basic Robotics Programming
- Robotics in Smart Manufacturing
- Robotics System Design



Advanced

- Industrial Collaborative Robot Programming - YUMI
- Industrial Collaborative Robot Programming - UR
- Industrial Collaborative Robot Programming - ADEPT

