



TARU
TUNKU ABDUL RAHMAN
UNIVERSITY COLLEGE
BEYOND EDUCATION



**Premier
Digital Tech
University™**

Micro-credential Programmes (MCPs)

Micro-credential Programmes (MCPs) are certification of assessed learning of knowledge, skills and competencies in a specific narrow area or field which can be components of academic programmes or standalone courses supporting professional, academic and personal development of learners.

Why MCPs?

*October
Intake*



Lifelong Learning

Knowledge and skills have to be continuously updated via short courses throughout their career path as part of professional development.



Recognise non-Formal Learning

MCPs expand the non-formal learning space and opportunities for learners.



Stackable

MCPs allow learners to take these MCPs in stages at their own comfort and lead to an academic qualification subject to the credit transfer policy of an Institution of Higher Learning.



Alternative to Traditional Degrees

MCPs enable those who have less inclination to join 3 or 4 years of university degree qualification to seek other viable options which are modular and add value to their existing experience.



Access

MCPs can extend the benefit of degrees to many more who lack opportunities to pursue a full time degree.

PROGRAMME 3:

Introduction to Internet of Things

This is an 5 days micro-credential programme (MCP) that is a hands-on course to build an Internet of Things (IoT) prototype solution. The IoT is the network of physical objects, devices, vehicles, building and other items, embedded with electronics, software, sensors, and network connectivity, which enables these objects to collect and exchange data. With increasing focus on data analytics, the industry needs to capture data from various sources of their business environment. This is where IoT can play a major role in real time data collections and hence providing relevant data analysis to companies for better decision-making.

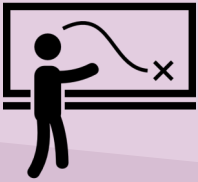


Course Details:

Date	: 5 October — 9 October 2020 (Monday—Friday)
Course Duration	: Face-to-face: 28 hours, Assessment: 4 hours
Time	: 9.00am—5.00pm
Assessment	: Practical Assessment / Project Presentation
Fees	: RM 1,360.00 (staff/alumni) : RM 1,700.00 (public) : RM 500.00 (TARUC's Student)



Course Learning Outcome:



- Explain the main components involved in the IoT for a specified industry.

- Demonstrate end-to-end IoT solution for various business scenarios.



Ts. Dr Tew Yiqi

Ts. Dr Tew Yiqi is a senior lecturer in the Faculty of Computing and Information Technology, Tunku Abdul Rahman University College (TAR UC). He received his B.Eng (Hons) Electronics degree in Computer from Multimedia University in 2008, Master degree in Computer Science from Universiti Kebangsaan Malaysia in 2011 and Doctor of Philosophy from University Malaya in 2016. Dr. Tew started his career in Almond Technology Sdn Bhd as a senior firmware developer in 2010, focused on the designing communication protocol between high level and low level processing using microcontrollers in the intelligent home automation system. He joined as a researcher in University Malaya, in 2012 to pursue his studies in parallel and contributed his expertise in digital signal processing with video coding under High Efficiency Video Coding (HEVC). Now, he is a lead researcher in Centre of Computational Intelligence, TAR UC working in the area of embedded system, Smart Agricultural with IoT related system, image and video processing and information hiding under HEVC standard. Recently, he is appointed by MoHR as a national expert and judge in IoT category for World Skills Competition 2018 and 2020 participation.

To Register, SCAN HERE



Speak to us.....



TUNKU ABDUL RAHMAN UNIVERSITY COLLEGE
Centre for Continuing and Professional Education

Tel: 03-4145 0123

Ms. Leely Ngim (ext: 3755)

Mr. James Lee (ext: 3510)

Email: cpe@tarc.edu.my

To register, please submit completed registration form and payment as follows:

Director, Centre for Continuing & Professional Education

Tunku Abdul Rahman University College

P. O. Box 10979, 50932 Kuala Lumpur



TARC
TUNKU ABDUL RAHMAN
UNIVERSITY COLLEGE



Micro-credential Programmes (MCPs)

Choose your programme:

- ☐ Database Management ☐ Introduction to R for Data Science and Machine Learning
- ☐ Introduction to Mobile Application Development ☐ Introduction to Internet of Things

Date: _____ Fee: _____

PARTICIPANT'S DETAIL:

Name: _____ Student ID / Alumni Access Card No: _____

New IC No: _____ Education Level: _____

Company (if applicable): _____

Correspondence Address: _____

Tel (H): _____ Tel (O): _____ Handphone: _____

Fax No: _____ Email: _____

PAYMENT METHODS

- ☐ Cash / Credit Card / Debit Card (Pay at TAR UC – CPE Centre at East Campus, SA Block, Level 1)
- ☐ Cheque / Bank Draft / Money Order (Payable to '**KOLEJ UNIVERSITI TUNKU ABDUL RAHMAN**') submit to CPE Centre for complete registration
- ☐ Payment via Public Bank Account no: 3181-564-113. Please email the bank-in slip to cpe@tarc.edu.my

TERMS & CONDITIONS

- ☒ Registration is on a first-come-first-served basis.
- ☒ Participants are requested to submit one form per participant.
- ☒ All registrations MUST be accompanied with the full payment.
- ☒ Any withdrawal from the course is subject to the following University College Refund Policy:
- A 50% refund of fees paid for the course, if a written request for refund is made on or before the commencement date of the course
 - No refund of fees for withdrawals received after commencement of course
- ☒ TAR University College reserves the right to amend or change the programme, venue or speaker, or cancel the programme if warranted by circumstances beyond its control. In the event of cancellation, all fees paid will be refunded

Disclaimer: TAR UC warrants that the personal data collected will be treated with utmost confidential and shall not sell, distribute, lease or otherwise disclose any data collected herein to any third parties save and except as outlined in the University's Privacy Policy or permitted by the User or is required by law to do so. Please visit www.tarc.edu.my/privacy-policy.htm for further information on TAR UC Privacy Policy.

Declaration: I, the undersigned, hereby certify that the information provided by me in this registration form is true and accurate, I also hereby agree to abide fully by the terms and conditions of TAR UC.

Signature: _____ Date: _____

Would you like to receive information on CPE programmes / events in the future? ☐ YES ☐ NO

FOR OFFICE USE ONLY

1. CQ/BD/MO No: _____ Amount (RM) _____
2. Date received: _____ Vote head _____
3. Name of staff: _____
4. Signature: _____