

# CENTRE FOR ADVANCEMENT & CONTINUING EDUCATION

ENHANCING YOUR BUSINESS PERFORMANCE



**UniKL**  
UNIVERSITI  
KUALA LUMPUR

**ACE**  
UNIVERSITI KUALA LUMPUR  
ADVANCEMENT AND  
CONTINUING EDUCATION

## PROFESSIONAL CERTIFICATES

GET CERTIFIED & ESTABLISH GREATER CREDIBILITY IN YOUR PORTFOLIO

# PROFESSIONAL CERTIFICATES

## **OBJECTIVE:**

Get certified and establish greater credibility in your portfolio.

With the competitive market out there how do you separate yourself from the rest? Whether it is for your own portfolio, or if you're pitching your team's capabilities to a client, having an additional certification will carry more weight. The certificates are accredited by qualified bodies that monitor and uphold prescribed standards for that particular industry which assures professional knowledge and competency.

# PROFESSIONAL CERTIFICATES

## 1. ADOBE CERTIFIED ASSOCIATE (ACA)

**AWARDING BODY** : Adobe Systems Incorporated  
**DURATION** : 5 Days (Per Module)  
**SYNOPSIS** : The Adobe Certified Associate (ACA) certification is to demonstrate proficiency in Adobe digital communications tools.

## 2. AIRCRAFT MAINTENANCE LICENSE

**AWARDING BODY** : Department of Civil Aviation Malaysia  
**DURATION** : 2 Years  
**SYNOPSIS** : UniKL MIAT is an Approved Training Organisation Part 147 awarded by the DCA Malaysia. Successful candidates will receive the Certificate of Recognition and will be considered as having passed the written examination for DCAM license (category B).

## 3. API 510 AUTHORIZED VESSEL INSPECTOR

**AWARDING BODY** : American Petroleum Institute  
**DURATION** : 3 Weeks + 1 Day Exam  
**SYNOPSIS** : This program is divided into parts, i.e.: 1) Preparatory Course, and 2) API 510 Qualifying Exam. The Preparatory Course is designed to provide the participants with broad knowledge base relating to maintenance, inspection, repair, and alteration of pressure vessels. In the second part, Certification examination is designed to determine if individuals have such knowledge.

## 4. API 570 AUTHORIZED PIPING INSPECTOR

**AWARDING BODY** : American Petroleum Institute  
**DURATION** : 4 Weeks + 1 Day Exam  
**SYNOPSIS** : This program is divided into parts, i.e.: 1) Preparatory Course, and 2) API 570 Qualifying Exam. The Preparatory Course is designed to provide knowledge and skills to all personnel who plan to be an authorized pipe inspector in the oil, gas and petrochemical industry, that will involve in the design, procurement, engineering construction, operation, maintenance and inspection of piping and related facilities. In the second part, the API 570 certification examination is designed to determine if individuals have such knowledge.

## 5. ASSOCIATION OF CHARTERED CERTIFIED ACCOUNTANTS (ACCA)

**AWARDING BODY** : Association of Chartered Certified Accountants  
**DURATION** : 4 Years  
**SYNOPSIS** : Association of Chartered Certified Accountants is the global professional accounting body offering the Chartered Certified Accountant qualification.

## 6. CATIA V6 MECHANICAL DESIGN SPECIALIST

**AWARDING BODY** : Dassault Systèmes  
**DURATION** : 3 Months  
**SYNOPSIS** : UniKL through MoU with MARA-Dassault Systeme, partner with Fieran as Dassault provider in Asia to conduct program for CATIA V6 Professional PLM Certification. Fieran will assist on job placement upon completion and certified.

## 7. CERTIFIED ETHICAL HACKERS (CEH)

**AWARDING BODY** : EC-Council  
**DURATION** : 5 Days  
**SYNOPSIS** : The CEH Program certifies individuals in the specific network security discipline of Ethical Hacking from a vendor-neutral perspective. A Certified Ethical Hacker is a skilled professional who understands and knows how to look for the weaknesses and vulnerabilities in target systems and uses the same knowledge and tools as a malicious hacker.

# PROFESSIONAL CERTIFICATES

8. **CERTIFICATE IN SAFETY AND HEALTH OFFICER**  
**AWARDING BODY** : National Institute of Occupational Safety and Health  
**DURATION** : 22 Days  
**SYNOPSIS** : The Occupational Safety and Health (Safety and Health Officer) Regulations 1997 which came into force on 22 August 1997 requires certain industries to employ a competent safety and health officer to resolve matters pertaining to the safety and health at their workplace. The safety and health officer must comply with the requirements under this regulation, whereby a candidate must have completed a course of training in occupational safety and health and passed the examination conducted by NIOSH. Apart from that, the candidate must possess a minimum of 3 years working experience in occupational safety and health before the candidate can be registered with DOSH.
  
9. **CERTIFIED EXPORT PROFESSIONAL (CEP)**  
**AWARDING BODY** : Malaysia Institute of Exports  
**DURATION** : 6 Months  
**SYNOPSIS** : This program is specially designed for entrepreneurs or individuals who are interested in exploring business opportunities overseas. CEP is an experiential learning professional program that provides vocational training in export activities and international trade. The program is aimed at instilling export skills and competence in new entrepreneurs. As such, the program provides knowledge, expertise and business network to assist entrepreneurs to grow their businesses internationally.
  
10. **CERTIFIED HALAL SCIENTIFIC EXECUTIVE PROGRAMME (LOCAL)**  
**AWARDING BODY** : Halal Industry Development Corporation  
**DURATION** : 20 Days  
**SYNOPSIS** : The objective of this programme is to produce competent Halal Executives equipped with technological advances to serves the dynamic industrial sectors and regulatory and other government bodies relevant to Halal activities. While the programme covers three important cores; Halal Technology, Shariah, Law & Standard and Auditing. The programme also provides a distinctive strength in halal alternative technologies to existing non-compliance practices in Food Processing technologies, covering Food, Beverages, Nutraceuticals and Pharmaceutical products.
  
11. **CERTIFIED HALAL SCIENTIFIC EXECUTIVE PROGRAMME (FOREIGNERS)**  
**AWARDING BODY** : Halal Industry Development Corporation  
**DURATION** : 20 Days  
**SYNOPSIS** : The objective of this programme is to produce competent Halal Executives equipped with technological advances to serves the dynamic industrial sectors and regulatory and other government bodies relevant to Halal activities. While the programme covers three important cores; Halal Technology, Shariah, Law & Standard and Auditing. The programme also provides a distinctive strength in halal alternative technologies to existing non-compliance practices in Food Processing technologies, covering Food, Beverages, Nutraceuticals and Pharmaceutical products.
  
12. **CHARGEMAN A1**  
**AWARDING BODY** : Energy Commission  
**DURATION** : Full-Time 6 Months, Part-Time 10 Months  
**SYNOPSIS** : To developed participants knowledge, skills and competency in handling and maintenance of low voltage systems.

# PROFESSIONAL CERTIFICATES

13. **CHARGEMAN A4**  
**AWARDING BODY** : Energy Commission  
**DURATION** : Full-Time 6 Months, Part-Time 10 Months  
**SYNOPSIS** : To develop participants knowledge, skills and competency in handling and maintenance of low voltage systems.
14. **CHARTERED QUALITY INSTITUTE: QUALITY ENGINEERING PROGRAMME**  
**AWARDING BODY** : Chartered Quality Institute  
**DURATION** : 2 Days  
**SYNOPSIS** : The CQI promote the quality management approach, based on planning, measurement and improvement, which delivers the following benefits for organisations such as improved customer satisfaction, reduced costs and improved profitability, improvement and innovation, identification and management risk, and corporate care and responsibility.
15. **CISCO CERTIFIED NETWORK ASSOCIATES**  
**AWARDING BODY** : CISCO System Inc.  
**DURATION** : 10 Days  
**SYNOPSIS** : The Cisco Certified Network Associate (CCNA) exam is an entry-level certification designed for network administrators and engineers. A majority of the professional networking world consider the CCNA to be the de-facto Network Engineering exam that qualifies a user to operate a small to medium business network.
16. **EASA PART 66/ AIRCRAFT MAINTENANCE LICENSE AND AIRCRAFT**  
**AWARDING BODY** : Civil Aviation Authority United Kingdom for the European Aviation Safety Authority  
**DURATION** : 2 Years  
**SYNOPSIS** : UniKL in partnership with AERO-Buildings GmbH, German is approved by the EASA as a second site Aviation Maintenance Training Organization (MTO). Successful candidates will receive the Certificate of Recognition and will be considered as having passed the written examination for EASA license (category B).
17. **GERMAN INDUSTRIAL MASTER CRAFTSMAN INTERNATIONAL - METAL / AUTOMOTIVE / CNC PRODUCTION TECHNOLOGY / MECHATRONICS**  
**AWARDING BODY** : IHK-Akademie  
**DURATION** : 7 Months / 12 Months  
**SYNOPSIS** : Industrial master craftsmen and women continue to play a key role in modern companies. Positioned at the interface between (skilled) workers and the management. Their three-fold qualification allows them to be specialists in their chosen field, leaders and trainers.
18. **GRADUATESHIP OF PLASTICS RUBBER INSTITUTE MALAYSIA**  
**AWARDING BODY** : The Plastics and Rubber Institute Malaysia  
**DURATION** : 2 + 4 Months INTRA  
**SYNOPSIS** : PRIM is a well known plastics, rubber and composite based NGO supporting the purpose of polymer background industries and higher academic institutions.

# PROFESSIONAL CERTIFICATES

19. **GREEN AND ENERGY EFFICIENT BUILDING (GEEB)**  
**AWARDING BODY** : UAS RO (Germany)  
**DURATION** : 15 Days  
**SYNOPSIS** : Interested participants can choose from a number of GEEB courses such as “Renewable Energies in Buildings”, “Thermal Comfort”, “Lighting Engineering”, “Building Automation”, “Building Performance Monitoring”, “Building Simulation” to learn how to operate buildings in an energy-efficient sustainable and cost-effective manner. More GEEB courses can be found here: [www.micet.unikl.edu.my/mgeeb](http://www.micet.unikl.edu.my/mgeeb). UniKL MICET in collaboration with UAS RO (Germany)
20. **HULL INSPECTION PROFESSIONAL CERTIFICATION PROGRAMME**  
**AWARDING BODY** : Association Of Marine Industries Of Malaysia  
**DURATION** : 4 Days  
**SYNOPSIS** : This course gives exposure on the related standard used by IACS members / classification societies worldwide and provides the knowledge on the different types of defects and damage that occur in ship or hull structures. The course will include theory, practical examples and case studies that will give the participant knowledge to assess the ship condition and plan for future maintenance.
21. **LATIHAN GOOD MANUFACTURING PRACTICE (GMP), HAZARD ANALYSIS CRITICAL CONTROL POINTS (HACCP) AND FOOD SAFETY MANAGEMENT SYSTEM (ISO 22000:2005)**  
**AWARDING BODY** : The Malaysian Certification Scheme  
**DURATION** : 3 Days  
**SYNOPSIS** : The food and drink industry is one of highly regulated industry. There high number of strict standards and regulations to ensure quality and safety and minimize risks to consumers and the efficiency of processes. This short courses will cover the 3 major global food safety management system certification through GMP and HACCP and FSSC 22000. The student will be expose on each of the certification program and up to doing the internal audit.
22. **LOW VOLTAGE - SWITCHING AND SYNCHRONIZING**  
**AWARDING BODY** : Energy Commission  
**DURATION** : 10 Days  
**SYNOPSIS** : To developed participants knowledge, skills and competency in handling and maintenance of low voltage switching and synchchronizing power generatorslow voltage systems.
23. **LOW VOLTAGE -OVERHEAD CABLING**  
**AWARDING BODY** : Energy Commission  
**DURATION** : 10 Days  
**SYNOPSIS** : To developed participants knowledge, skills and competency in handling and maintenance of low voltage overhead cabling transmission systems
24. **MICROSOFT TECHNOLOGY ASSOCIATES (MTA)**  
**AWARDING BODY** : Microsoft Technology Associates  
**DURATION** : 5 Days (Per Module)  
**SYNOPSIS** : The vision of MTA courses is to develop young generation to be professionals in ICT sector and develop skills and knowledge in various IT fundamental concepts which eventually would lead to strong foundation to start their own careers in ICT sector, thus providing employment to graduates in related disciplines. The certification helps the students with a foundation in their future careers.

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25. **PERMANENT WAY PROFESSIONAL CERTIFICATION**  
AWARDING BODY : The Permanent Way Institution  
DURATION : 6 Months  
SYNOPSIS : The Permanent Way programme is designed based on industry requirements. Participants will get the opportunity to learn from skilled and experienced trainers and experts from the rail industry and academia.
26. **PLANT DESIGN WITH SMART 3D SOFTWARE**  
AWARDING BODY : The Malaysian Oil & Gas Services Council  
DURATION : 6 Days  
SYNOPSIS : Smart 3D Software Plant Design Solution is a fast track program to dramatically increase design, modeling and deliverable production productivity. It will develop skillful and enhance capability of piping designer or engineer across all key disciplines involved in the design of today's complex plant while increasing overall design quality and data integrity.
27. **PRODUCT DESIGN & ANALYSIS ENGINEERING SPECIALIST**  
AWARDING BODY : Hyperwork  
SYNOPSIS : Produce product or machine design. Then proceed with engineering analysis to determine optimum cost, delivery time & quality.
28. **PROFESSIONAL CERTIFICATE IN CILT PROFESSIONAL QUALIFYING EXAMINATION LOGISTIC**  
AWARDING BODY : Chartered Institute of Logistics and Transport Malaysia  
DURATION : 18 Months  
SYNOPSIS : The PQE Logistics be conducted in collaboration with The Chartered Institute of Logistics and Transport Malaysia (CILT). Successful participants will be awarded the Professional Qualifying Examination from the Chartered Institute of Logistics and Transport International.
29. **PROFESSIONAL CERTIFICATION & TRAINING IN WASTEWATER TREATMENT OPERATIONS**  
AWARDING BODY : Environmental Department  
DURATION : 5 Days  
SYNOPSIS : WATT is the first skills certification program for the wastewater treatment under the Skills Development Department in Malaysia. This program is designed to meet market needs skilled workers in wastewater treatment industrial which is increased. Therefore, the comprehensive curriculum is developed and focuses on the aspects of technology, operations and management of on-site wastewater treatment. The implementation is to enhance student understanding and mastery in the field of wastewater treatment.
30. **RADIOATION PROTECTION OFFICER (RPO)**  
AWARDING BODY : Malaysian Nuclear Agency and Atomic Energy Licensing Board  
DURATION : 2 Weeks + 1 Day Exam  
SYNOPSIS : The program is designed train the participants to implement mandated rules & regulations on radiation safety and protection with in depth understanding on characteristics of ionizing radiation & radioactive decay mechanisms.

# PROFESSIONAL CERTIFICATES

31. **RADIOGRAPHY TESTING NONDESTRUCTIVE TESTING**  
**AWARDING BODY** : Malaysian Society for Nondestructive Testing  
**DURATION** : 3 Weeks + 1 Day Exam  
**SYNOPSIS** : This course is designed for participants who do not have basic understanding of the techniques of radiography inspection, and suitable for candidates who are wishing to progress towards radiography testing NDT examination qualification. The course has a high practical content, all equipment is provided.
32. **ROLLING STOCK MAINTENANCE PROFESSIONAL CERTIFICATION**  
**AWARDING BODY** : Rail Operators  
**DURATION** : 11 Months  
**SYNOPSIS** : The Rolling Stock Maintenance programme is designed based on industry requirements. Participants will get the opportunity to learn from skilled and experienced trainers and experts from the rail industry and academia. The programme is developed through the German Dual Education System which emphasises on hands-on practical approach.
33. **SAFETY AND INDUSTRIAL HYGIENE TRAINING**  
**AWARDING BODY** : National Institute for Occupational Safety & Health, Department Occupational Safety & Health and America Board of Industrial Hygiene  
**DURATION** : 5 Days  
**SYNOPSIS** : Safety and Industrial Hygiene training is a wide range training to meet requirement of the law and to improve the safety and health at workplace. It will produce competence graduates, equipped with safety and health standard practice and technological advances as certified Safety and Health Officer and Industrial Hygienist.
34. **SAFETY AND RISK MANAGEMENT**  
**AWARDING BODY** : Department of Occupational Safety and Health Malaysia (DOSH)  
**SYNOPSIS** : The program is catered to provide students with the ample knowledge on the subject matter recognized by NIOSH, a governing body under the purview of DOSH with vision to promote and enhance the safety and risk management through education, training and related activities to fulfil the professional needs of the members and the industry.
35. **SAS CERTIFIED ADVANCED PROGRAMMER**  
**AWARDING BODY** : SAS (Malaysia)  
**DURATION** : 6 Days  
**SYNOPSIS** : This program is tailor-made for advanced programmers and senior managers who have been using SAS programs for quite some time. This advanced program provides new approaches and techniques in accessing and managing data to perform queries and analyses. The focus is on developing an efficient platform for data mining, analytics and decision making.
36. **SAS CERTIFIED BASE PROGRAMMER**  
**AWARDING BODY** : SAS (Malaysia)  
**DURATION** : 6 Days  
**SYNOPSIS** : This program is designed for novice programmers, business managers or anyone who is about to learn to write SAS programs. The program equips participant with programming skills to access and manage data so as to perform queries and analyses. The focus is on producing management reports.



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## 37. SAS CERTIFIED PROFESSIONAL IN BUSINESS ANALYTICS

**AWARDING BODY** : SAS (Malaysia)

**DURATION** : 6 Days

**SYNOPSIS** : This program is designed for programmers, analysts, business managers or anyone writing SAS programs to access and manage data to perform queries and analyses. The focus is on examining business scenarios and executing analyses for decision making.

## 38. SAS CERTIFIED STATISTICAL BUSINESS ANALYST

**AWARDING BODY** : SAS (Malaysia)

**DURATION** : 6 Days

**SYNOPSIS** : This program is specially designed for business analysts and managers in assisting them in decision making. The main focus is on extracting data, managing the data and finally apply statistical analysis for informed and timely decision making.

## 39. SOLAR PV INSTALLATION

**AWARDING BODY** : Sustainable Energy Development Corporation

**DURATION** : 5 Days

**SYNOPSIS** : To expose Wireman and Chargeman with regards to solar PV installation dealing with direct current (DC) side and components. The course covers introduction of GCPV systems that include solar PV modules, inverter and associated equipment and installation and maintenance of the GCPV systems that need to be emphasized by Wireman and Chargeman.

## 40. SYSTEM APPLICATION PROJECT (SAP) PROFESSIONAL CERTIFICATION

**AWARDING BODY** : SAP

**DURATION** : 2 Months

**SYNOPSIS** : UniKL partner with ThinkPlus Academy, a SAP Partner, to train final year students and alumni for IPMA and get certified. ThinkPlus Academy will responsible for industrial and job placement for those who are passed and certified.

## 41. TEKLA SOFTWARE - INTERMEDIATE

**AWARDING BODY** : TEKLA International

**DURATION** : 2 Weeks + 1 Day Exam

**SYNOPSIS** : This course will provide the skills and knowledge of how to design products using TEKLA CAD software. It covers from basic drawing procedures up to the modeling a complex dimension of products.

## 42. ULTRASONIC TESTING (UT) - NONDESTRUCTIVE TESTING DIRECT ACCESS

**AWARDING BODY** : Malaysian Society for Nondestructive Testing

**DURATION** : 3 Weeks + 1 Day Exam

**SYNOPSIS** : This course is designed for participants who do not have basic understanding of the techniques of ultrasonic inspection, and suitable for candidates who are wishing to progress towards ultrasonics testing NDT examination qualification. The course has a high practical content, all equipment is provided.

**Where knowledge is applied  
... and dreams realized**





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# ENQUIRIES

**CENTRE FOR ADVANCEMENT & CONTINUING EDUCATION (ACE UniKL)**

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