CENTRE FOR ADVANCEMENT &
CONTINUING EDUCATION

ENHANCING YOUR BUSINESS PERFORMANCE

UniKL
UNIVERSITI KUALA LUMPUR

ACE
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ADVANCEMENT AND
CONTINUING EDUCATION

SHORT COURSES

The Centre for Advancement and Continuing Education (ACE) is part of UniKL's strategic aim to become one of the Top Universities in Asia by 2020. Our courses, led by recognized academic and industry professionals in their specific areas of specialization will be able to provide you with the skills and knowledge to need to enhance your capabilities.

We understand the needs of the workforce and that learning and self-improvement should be a never-ending process. However, with a full time job, it will be challenging to attend classes and certifications. That is why we offer many options to enable you to still upskill yourself by fitting it into your schedule and work experience, as listed below:

OUR SPECIALITIES :

ELECTRICAL, ELECTRONICS AND TELECOMMUNICATION TECHNOLOGY
INDUSTRIAL MAINTENANCE AND AUTOMATION TECHNOLOGY
AVIATION AND AIRCRAFT MAINTENANCE TECHNOLOGY
CHEMICAL AND BIOENGINEERING TECHNOLOGY
HALAL PROGRAMMES
MEDICAL SCIENCE TECHNOLOGY
PRODUCT DESIGN, MANUFACTURING AND RAILWAY TECHNOLOGY
BUSINESS MANAGEMENT & ENTREPRENEURSHIP
MARINE AND WATER ENGINEERING TECHNOLOGY
QUALITY ENGINEERING AND INDUSTRIAL LOGISTICS
INFORMATION TECHNOLOGY, MULTIMEDIA AND ANIMATION
AUTOMOTIVE COMPONENTS AND SYSTEM TECHNOLOGY

If you're not sure which would suit you best, not to worry!
Our capable team is here to understand your needs and offer advice on which would be the best fit for you based on your learning goals and work schedule. Contact us for more information.

ELECTRICAL, ELECTRONICS AND TELECOMMUNICATION TECHNOLOGY

1. Android Application Workshop
2. Cisco CCNA Routing & Switching
3. Cloud Support Administration
4. Costing Techniques for SME Product
5. Electricity for Mechanical Personnel 1 & 2
6. Electronics Troubleshooting For Technician
7. Low Voltage- Overhead Cabling
8. Low Voltage- Switching & Synchronizing
9. Principles of Electrical and Electronics System
10. Solar PV Installation and Maintenance
11. Solar PV Installation for Wireman and Chargeman

INDUSTRIAL MAINTENANCE AND AUTOMATION TECHNOLOGY

1. 3D Scanner
2. ABS Breaking System
3. Acoustic and Vibration Material Selection
4. Air Conditioning System Design
5. Air Conditioning Familiarization in Aircraft, Ship and Train
6. Air Conditioning Maintenance
7. Air Conditioning System and Maintenance
8. Air Conditioning Technology
9. Automatic Transmission
10. Automotive Air-Conditioning Maintenance
11. Automotive Workshop Safety
12. Autotronics (Electricity & Electronics For Automotive)
13. Body and Chassis Electrical System
14. Cooling Load Estimation
15. Energy Saving In Air Conditioning
16. Engine Management & Control System
17. Piping and Ducting Design
18. SRS Airbag System
19. Suspension, Steering, Tyres and Wheels
20. Testing, Adjusting And Balancing (TAB) of Air Conditioning Systems
21. Variable Air Volume (VAV) System
22. Variable Refrigerant Volume (VRV) and Thermal Energy Storage (TES)

AVIATION AND AIRCRAFT MAINTENANCE TECHNOLOGY

1. Air Legislation
2. Aircraft Corrosion Prevention and Control
3. Aircraft Maintenance Engineering Human Factors
4. Aircraft Maintenance Management Course
5. Aircraft Structure Repairs – Part 1
6. Aircraft Structure Repairs – Part 2
7. Aviation English Course
8. Avionic Systems Module 11/12
9. Awareness and Initial of DCAM Part-145 Approved Maintenance Organisation
10. Cargo Handling Skills Course
11. Civil Aviation Regulation (CAR) 2016
12. Communication and Navigation Module 13
13. Digital Techniques Electronic Instrument Systems
14. Electrical System Module 11/12
15. Electrical System Module 13
16. Electro Static Discharge Sensitive Devices (ESDS)
17. Ground Operations
18. Instrument Auto Pilot System Module 13
19. Instrument System Module 11/12
20. Introduction to Aircraft Composite Structures
21. Optical Sensor Technology (OST)
22. Part 25 Airworthiness Standards: Transport Category Airplanes
23. Repair of Aircraft Composite Structures
24. Safety Management System (SMS) Implementation
25. Sensor Technology

QUALITY ENGINEERING AND INDUSTRIAL LOGISTICS

1. Cargo Handling System
2. Exporting and Importing
3. Facility Maintenance & Management
4. Forklift Operation Competency Training
5. Halal Logistic & Safety
6. International Logistics
7. Lean Healthcare
8. Lift & Escalator Operation & Maintenance
9. Overview - Logistics Cost
10. Overview of Integrated Logistics
11. Quality Management: Beginner Level Up To Expert Level
12. Warehouse Management
13. Warehouse Planning
14. Yellow Belt Six Sigma & Green Belt Six Sigma

CHEMICAL AND BIOENGINEERING TECHNOLOGY

1. Basic Lubrication
2. Certificate of Plant Design Management System with 3D Software
3. Food Handling Training Course (Sekolah Latihan Pengendalian Makanan)
4. Fundamental Bioreactor Operational Workshop
5. Good Manufacturing Practice
6. Halal Assurance Management System
7. Halal Awareness Training
8. Halal Executive Programme
9. Halal Internal Auditor Program
10. Halal Logistics Training
11. Introduction to Hands on Water & Wastewater Treatment Operation & Analysis
12. Introduction to Molecular Biological Techniques and Its Application
13. Latex Science and Technology (SCLT)
14. Life Cycle Analysis and SIMAPRO 8.0 Workshop
15. MIG, TIG, Arc Welding Workshop
16. Plastic Injection Molding Workshop
17. Process Control System
18. Process Instrumentation & Calibration
19. Solid & Hazardous Waste Management Workshop

PRODUCT DESIGN, MANUFACTURING AND RAILWAY TECHNOLOGY

1. Arduino for Beginner
2. Autodesk AutoCad 2D
3. Basic Soldering
4. Basic Transistor
5. Bogie System
6. Cycle Time Management
7. Door System
8. Finite Element Analysis for Product Design
9. Geometrical Dimensioning and Tolerance (GD&T)
10. Permanent Way
11. Rail Safety Management
12. Rolling Stock Maintenance
13. Thermite Welding

MEDICAL SCIENCE TECHNOLOGY

1. Basic Clinical Hypnosis & Mind Therapies
2. Basic Life Support Provider Workshop
3. Bengkel Peningkatan Kecergasan Fizikal Dan Kesejahteraan Psikologikal
4. ECG Recording & Interpretation Workshop
5. Emergency and Child Care First Aid
6. Ergonomic
7. First Aider at Work
8. Hazard Identification, Risk Assessment and Risk Control (HIRARC)
9. Kursus Asas Kecergasan
10. Kursus Kecergasan Premier
11. Kursus Kesedaran Kecergasan
12. Mandarin for Medical Officers
13. Pediatric Emergencies
14. Preparatory Workshop for Postgraduate General Practice/Family Medicine Clinical Examination
15. Preparatory Course for United States Medical Licensing Examination
16. Radiographic Image Evaluation: Chest
17. Research Methodology and Basic Biostatical Method in Medical Research
18. Seminar on Burns Management
19. Seminar on Food Safety
20. Seminar on Publication
21. Stress Management Workshop
22. Taping Workshop: Management for Common Sport Injuries
23. Woman's Health & Fitness Program
24. Workshop on Systematic Reviews and Meta-Analysis Using Open Meta - Analyst Software

BUSINESS MANAGEMENT & ENTREPRENEURSHIP

1. Advanced Applied Leadership
2. Applied Change Management
3. Basic Accounting for SME
4. Change Management
5. Credit Analysis for Corporate Banker
6. Crisis Management for SME
7. Effective Business Communication
8. Financial Management for SME
9. Forensic Audit in Land Affairs
10. Fundamentals of Leadership
11. How to Capture Mind Share to Build Market Share
12. Innovation Management in Small Businesses
13. Investment Analysis
14. Investment Analysis: Property and Equity Markets
15. Islamic Financing for SME
16. Managing a Successful Automotive Maintenance Business
17. Maximizing Your Leadership Potential
18. Planning and Optimizing Business & Properties Taxation
19. Research Methodology for Business Professionals
20. Risk Management for SME
21. SAS Programming for Business Analysts
22. Strategic Marketing for SME
23. Strategic Supply Chain Management
24. Supply Chain Management for SME
25. Technology Entrepreneurship
26. The Art of Retail Management
27. Turnaround Strategies

MARINE & WATER ENGINEERING TECHNOLOGY

1. Basic Motorboat and Engine Maintenance
2. Basic of Naval Architecture
3. Basic Ship Electrical Domestic Wiring
4. Damaged Stability, Trim and List Analysis
5. Destructive / Non Destructive Test
6. Fiberglass Boatbuilding and Repair Technology
7. Fundamental Project Management
8. Hull Inspection Course
9. Hydraulic & Electro Hydraulic
10. Intact Stability Analysis
11. Introduction to Fiberglass Works
12. Introduction to Floating Liquefied Natural Gas (FLNG) Technology
13. Introduction to LNG Carrier
14. Introduction to MATLAB and Its Graphical User Interface (GUI)
15. Marine Engineering & Marine Machinery, Competency Base Training (CBT) Module 1: Auxiliary Support System
16. Marine Engineering & Marine Machinery, Competency Base Training (CBT) Module 2: Boiler, HVAC & Refrigeration Plant, Sewage Treatment Plant, Oil Water
17. Marine Engineering & Marine Machinery, Competency Base Training (CBT) Module 3: Main Propulsion System, Hydraulic System and Machinery
18. Marine Insurance
19. Marine Knowledge for Non-Mariners "Who Work in the Marine Industries"
20. Motor Starter and Equipment
21. Operation & System Maintenance
22. Outboard Engines: Maintenance, Troubleshooting & Repair
23. Penyelenggaraan Enjin Bot Berskala PPAM (Preventive, Planning & Maintenance)
24. Port Legislation
25. Port Planning
26. Port Structure
27. Port System Overview
28. Resin Infusion
29. Risk Management: Hazards Identification, Risk Assessment and Risk Control
30. Safety Industry for Construction Worker & "CIDB Green Card Application" Ship Electrical Management and Operations
31. Ship Hull New Construction and Repair In Relation To LACS and SCS Rules and Quality Standard
32. Ship Hydrostatic Calculation
33. Ship Inclining Experiment
34. Ship Model Tests Analysis (Total Resistance, Wave Resistance, Seakeeping and Maneuvering)
35. Ship Structures
36. Shipbuilding Knowledge for Non-Naval Architects "Who Works in the Ship Construction Industries"
37. Shipping - Maritime Transport Operations
38. Surface Preparation
39. Water Jet

INFORMATION TECHNOLOGY, MULTIMEDIA AND ANIMATION

1. 3D Animation
2. 3D Character Animation Workflow
3. Adobe Animate
4. Adobe Dreamweaver
5. Adobe Illustrator
6. Adobe Photoshop
7. Adobe Premier Pro
8. ASP.Net
9. Basic 3D Modelling with Blender
10. Basics of Online System Development
11. CCNA 1 : Introduction to Networks
12. CCNA 2 : Routing and Switching Essentials
13. CCNA 3 : Scaling Network
14. CCNA 4 : Connecting Networks
15. Certified Ethical Hacker – Academia
16. Character Designing (Advanced)
17. Character Designing (Beginner)
18. Computational Thinking for Educators
19. Crash Course: Mobile App Development with Database Connectivity (Via API)
20. Creating 2D Mobile Game for Android & IOS with Corona
21. Digital Photography
22. Fast Track: Learn Microsoft Dynamics CRM 2013/CRM Online
23. Forensic Training
24. Fundamentals of Java Programming
25. Fundamentals of Network Security
26. Industrial Networking
27. Interactive Application Development
28. Introduction to ONOS SDN Controller Application Development
29. It Essential I
30. It Essential II
31. Linux System Administration – Expert
32. Linux System Administration – Intermediate
33. Microsoft Access (Basic / Intermediate / Advanced)
34. Microsoft Excel (Basic / Intermediate / Advanced)
35. Microsoft PowerPoint (Basic / Intermediate / Advanced)
36. Microsoft Project (Level 1 / Level 2)
37. Oracle Big Data Fundamentals Ed 1 (PCP)
38. Oracle Java Se 8 Fundamentals (PCP)
39. PC Networking for Beginners
40. PHP Essentials
41. Simple Android Mobile Application Development Using Adobe Animate CC
42. Simple Game Development Using Adobe Animate CC
43. Social Media Marketing For Small and Medium Enterprises
44. Unity Game Development Introductory Course
45. VB.net
46. Web Page Design Using Html5

AUTOMOTIVE COMPONENTS AND SYSTEM TECHNOLOGY

1. 5S Practices In Workplace
2. 7 MP Tools for Total Quality Control
3. 7 QC Tools for Quality Improvement
4. Advance Power Electronics
5. Advanced CAM
6. Advanced Design Systems for RF Microelectronics
7. Advanced Hydraulic Systems
8. Advanced Manufacturing Technology
9. Advanced Pneumatic Control
10. Advanced Wirecut with Mastercam
11. Angular Measurement by Direct & Indirect Measurement
12. Application of Maynard Operation Sequence Techniques (MOST)
13. Applied Industrial Metrology
14. Applied Materials
15. Arduino for Control System Application
16. Arduino Mega 2560 for Motor Control Application
17. Arduino Mega 2560 for Pneumatics & Hydraulics Application
18. Arduino Programming Using MATLAB/Simulink (TARGET) for Control System Application
19. Assembly & Maintenance of Electrical Systems of Machine Tools
20. Basic Electrical & Electronics Troubleshooting
21. Basic Electrical Skill
22. Basic Industrial & Manufacturing Engineering
23. Basic Mechanical Technology for Non-Mechanical Personnel
24. Basic to Product Design & Development
25. Bearing Technology & Maintenance
26. Bills of Materials and Material Requirement Planning (BOM and MRP)
27. Build Your Own DC to DC Converter Using Microcontroller and Communication via MATLAB or LABVIEW
28. CNC Lathe Programming & Machining
29. CNC Installation & Maintenance of Machine Tools
30. CNC Milling Programming & Machining
31. CNC Turret Punching
32. Control and Sensor Application of Differential Drive on Wheel Mobile Robot
33. Conventional Machine Maintenance
34. Conventional Turning (LATHE) (Advanced)
35. Conveyor Design and Maintenance
36. Design & Construction of Electro Pneumatic Control
37. Design of Experiment (DOE)
38. Diagnostics on AC Electric Motors
39. Digital Electronics for Motor Control Application
40. Digital Electronics for Pneumatics & Hydraulics Application
41. Dimensional Metrology
42. Discovery & Diagnostics on Electrical & Electronics
43. Discovery on Variable Speed Drives

44. DIY Data Acquisition (DAQ) Using PIC Microcontroller and Communicate to MATLAB or LABVIEW
45. DSP with MATLAB/Simulink for Control System Application
46. Electric Control, Pump & Compressor System
47. Electric Motor
48. Electric Vehicle Technology
49. Electrical Control System
50. Electrical Device Control
51. Electrical Discharge Machining (EDM) DIE Sinking Programming and Machining
52. Electrical Discharge Machining (EDM) Wire Cut Programming & Machining
53. Electrical Engineering for Non-Electrical Engineers
54. Electrical Safety
55. Electrical Safety & Machine Safeguarding
56. Electrical Skill (Advance Level)
57. Electrical System Design
58. Electro Pneumatic Systems
59. Electronic Devices and Circuits
60. Electronic Packaging
61. Electronic Product Quality Control
62. Equipment Maintenance
63. Essence of Telecommunication
64. Fabrication and Assembly of Differential Drive on Wheel Mobile Robot
65. Feedback Control System
66. Fuzzy Logic Using MATLAB/Simulink for Control System Application
67. Fuzzy Logic Using PIC Microcontroller for Control System Application
68. GPS Positioning with PIC Microcontroller
69. Grinding Technology
70. Hardware and Software Interfacing Using PIC
71. Heat Treatment Technology
72. Hydraulic & Electro Hydraulic
73. Hydraulic Systems
74. Industrial Automation
75. Industrial Communication
76. Industrial Robotics
77. Industrial Safety & Health
78. Introduction to Electric Vehicle
79. Introduction to Fluid Mechanics
80. ISO 9001 QMS
81. LabVIEW for Control System Application
82. LabVIEW for Motor Control Application
83. LabVIEW for Pneumatics and Hydraulics Application
84. Machine Safeguarding
85. Manufacturing Engineering Techniques-Layout, Process Flow/Charts, Material Handling and Automation

86. MATLAB/Simulink for Control System Application
87. MATLAB/Simulink for Hardware in Loop Application
88. MATLAB/Simulink for Processor in Loop
89. Measurement System Analysis (MSA) Through Gauge Repeatability and Reproducibility (GR&R)
90. Measurement through Coordinate Measuring Machine (CMM)
91. Measurements, Instrumentation & Sensors
92. Mechanical Vibration (Measurement, Analysis & Diagnostic)
93. Mechatronics (Level 1)
94. Mechatronics (Level 2)
95. Mechatronics System Troubleshooting
96. Microcontroller for Control System
97. Microcontroller for Data Communication
98. Microcontroller for Pneumatics and Hydraulics Application
99. Microcontroller for Radio Frequency Data Communication
100. Microprocessor for Industrial Application
101. Milling Operation
102. Model Making Technique in Product Design
103. Motion Control Technology
104. Motor Controller for Machine Maintenance
105. Mould Design
106. Mould Fabrication
107. Neural Network with MATLAB/Simulink for Control System Application
108. Non Destructive Test (NDT)
109. Optical Metrology through Profile Projector
110. Optical Proximity Sensing Technology: Basic Principles & Applications in Object Detection
111. PIC Embedded Mobile Robot Hands on Workshop
112. PIC Microcontroller in C Language
113. Piping System & Pump Selection
114. PLC for Control System (Position, Speed, Level, Temperature Control)
115. PLC Omron (Analog and Real Time Application)
116. PLC Omron (CX-Programmer)
117. PLC Programming Mitsubishi FX Series (GX Developer)
118. PLC Programming Siemens (Troubleshooting)
119. PLC Programming Siemens S7-300 (SIMATIC S7)
120. Pneumatic Systems
121. Power Electronics & Drives
122. Practical Signal and Image Processing: Theory & Applications
123. Pre-Production
124. Problem Solving Skill by Using ICC
125. Process Control System
126. Product Planning
127. Programmable Controller

AUTOMOTIVE COMPONENTS AND SYSTEM TECHNOLOGY

128. Quality Control and Problem Solving Techniques in Automotive Assembly Operations
129. Quality Management System (QMS): ISO 9001:2015
130. Robotic & Control System
131. Robotic & Control System (with Microcontroller)
132. Sensor Technology & Application
133. Signal Processing & Embedded System
134. Simulations Using Finite Element Analysis (FEA)
135. Single Minutes Exchange of Die (SMED)
136. SMAW Welding Processes
137. Solidworks Motion and Fluid Flow Simulation
138. Surface Finish Measurement
139. Tool and Die Design Technology
140. Tool Cutter Grinder
141. Towards Lean Manufacturing System
142. TQM Awareness
143. TRIZ Level 1 Practitioner Workshop
144. Troubleshoot & Testing Automation Equipment using Watchdog Timer Method
145. Turning Operation
146. Vibration Condition Monitoring
147. Welding Inspection
148. Welding Technology
149. Workshop Management and Estimation Cost

OTHER COURSES

1. Bahasa Malaysia
2. Business English
3. Edutourism
4. Effective Mastery of Technical Presentation Skills for Corporate Personnel
5. English Communication
6. English Public Speaking
7. English Report Writing
8. French Language
9. Fun English Camp for Primary School Students
10. Job Hunting Skills and Resume Writing
11. Learn Intensive English
12. Malaysian University English Test (MUET) Workshop
13. Mandarin Communication 1
14. Mandarin Communication 2
15. Mastering Technical Report Writing Skills
16. Presentation Skill (Foundation/Advance)
17. Publication Workshop
18. Rich Mind Seminar – "You Smart and Successful"
19. School Break- Korean Class for Beginner
20. Technical Report Writing

Where knowledge is applied ... and dreams realized

ENQUIRIES

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