



UNIVERSITI KUALA LUMPUR
MALAYSIAN SPANISH INSTITUTE

(The contents and other related details in this form is used for publication purpose only. Training module will be given to participants upon registration)

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| Course Title: LABVIEW FOR MOTOR CONTROL APPLICATION | | Course Code : EEA 159 |
| Course Background/Summary : Labview is one of the most important software being used in Scada systems in the industry. It provides real data monitoring and activation. This course will introduce participants on how to utilize this software and build interface circuit from scratch to communicate with Labview. Upon completion, the participants would write control algorithm in Labview language and communicate with DAQ card for motor control purposes which includes ac and dc machines, stepper motor and RC servo motor. | | |
| Course Objectives: <ul style="list-style-type: none">• Write Labview code for motor control.• Control AC and DC ,RC servo motor and stepper motor using labview. | | |
| Target Audience: <ul style="list-style-type: none">• Electricians, research assistant, research officer, Researcher, Academicians• Technicians, Hobbyist• Engineers & Instructors | | |
| Course duration : | Min:3 days, Max:5 days | |
| Course Contents : | | |
| No | TOPICS | |
| 1 | Introduction to DC & AC machine, stepper and RC servo motor. | |
| 2 | Introduction to Labview and DAQ | |
| 3 | Labview for data transfer and communication | |
| 4 | Introduction to PIC microcontroller as Interface circuit to LABview | |
| 5 | Others | |
| COURSE STRUCTURE: | | |
| Practical : | 65 % | |
| Theory : | 35 % | |

UniKL MSI can also customize existing short courses and develop new courses to meet your personal training needs and requirements. The course duration serves as a guideline for your reference.

Please forward enquiries to Centre for Advancement & Continuing Education (ACE), University Kuala Lumpur (Malaysian Spanish Institute), Kulim Hi-Tech Park, 09000 Kulim, Kedah or via fax to:04-4032539 or email to syazrah@unikl.edu.my or call 04-4035199 / 200 (ext:112 / 185)