



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 CONTROL SYSTEM APPLICATION | | Course Code : EEA 158 |
| Course Background/Summary : Labview is one of the important SCADA software used in the industry. It provides real data monitoring and activation. Labview DAQ is utilized in research and development to acquire/get respected datas for further analysis. This course will introduce participants on how to utilize the Labview software for control system purposes. The participants would be able to use one example of current existing DAQ and build their own Data Acquisition Card (DAQ) from scratch and communicate to Labview software to control speed, position or temperature. | | |
| Course Objectives: <ul style="list-style-type: none">• Program/Utilize Labview Software or data monitoring and control• Make use of Labview and DAQ to Control speed, position and level system• Knowledge about control system PID theory and application. | | |
| 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 Labview and DAQ | |
| 2 | Introduction to control system theory | |
| 3 | Labview for data capture, monitoring, transfer and communication | |
| 4 | Labview programming for control system PID | |
| 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)