



UNIVERSITI TEKNOLOGI MARA

EPO615: PULSE POWER TECHNOLOGY

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| Course Name (English) | PULSE POWER TECHNOLOGY APPROVED | |
| Course Code | EPO615 | |
| MQF Credit | 3 | |
| Course Description | This course covers introduction to the pulsed power technology and its existing and potential applications to the students. | |
| Transferable Skills | Carry out experiment | |
| Teaching Methodologies | Lectures, Lab Work, Tutorial, Simulation Activity, Presentation | |
| CLO | CLO1 Describe pulse power generation and measurement technique and its application CLO2 Design of pulse power circuits. CLO3 Analyse the performance of pulse power generation and measurement techniques. | |
| Pre-Requisite Courses | No course recommendations | |
| Reading List | Recommended Text | <ul style="list-style-type: none"> • Hansjaachim Bluhm 2006, <i>Pulsed Power System: Principle and Application</i>, Springer • Paul W. Smith 2002, <i>Transient Electronics Pulsed Circuit Technology</i>, Wiley |
| | Reference Book Resources | <ul style="list-style-type: none"> • Ihor Vitkovitsky 1987, <i>High Power Switching</i>, Van Nostrand Reinhold Co. New York • Steve Smith 1985, <i>Magnetic Components: Design and Applications</i>, Van Nostrand Co. New York |
| Article/Paper List | This Course does not have any article/paper resources | |
| Other References | This Course does not have any other resources | |