

**PROGRAMME EDUCATION OBJECTIVES (PEO) AND PROGRAMME LEARNING OUTCOMES (PLO)
PROGRAMME COLLABORATION WITH UNIVERSITI TEKNOLOGI MALAYSIA (UTM)**

PROGRAM UTM	PEO	PLO
<p align="center">DIPLOMA IN ELECTRICAL ENGINEERING (MECHATRONICS) (DDWB)</p>	<ol style="list-style-type: none"> 1) Solve technical problems in electrical engineering fields and able to work in multidisciplinary teams. 2) Demonstrate semiprofessional competencies such as the skill of troubleshooting and equipment operational by applying knowledge in electronic and electrical engineering. 3) Involve in community or professional organizations or make contributions towards society. 4) Further studies at higher level and professional development as professional. 	<ol style="list-style-type: none"> 1) Incorporate knowledge of mathematics, science, humanities, mechatronics and electrical in development of an assistant electrical/mechatronics engineer. 2) Perform, test and troubleshoot electronics, electrical and mechatronics engineering laboratory works as well as analyze and interpret data. 3) Identify and solve problems related to electronics, electrical and mechatronics as well as propose alternative solution. 4) Communicate clearly and effectively in oral and /or written forms. 5) Work collaboratively as part of a team undertaking a range of different team roles. 6) Acquire and manage relevant information from various sources as well as new ideas. 7) Recognize and identify business types and opportunities. 8) Demonstrate an understanding of professional and practice ethical values. 9) Demonstrate leadership quality.