

DMW4802 Industrial Training (Mechatronics-Diploma)

Level	4
Course Code	DMW4802
Course Title	Industrial Training (Mechatronics-Diploma)
Credit value	8
Core/Optional	Optional (Mechatronics)
Course Aim/s	Aim of this course is to provide an opportunity to gain an exposure for middle level technical aspects in mechatronics engineering work environment along with health & safety, environmental and ethical aspects.
Course Learning Outcomes (CLO):	<p>At the completion of this course student will be able to</p> <p>CLO1: Identify mechanical, electronics, computer and electrical concepts as applied in the real work environment.</p> <p>CLO2: Demonstrate broad knowledge of mechatronics engineering system such as control systems, vision systems and automation, in terms of working principles, construction and applications.</p> <p>CLO3: Follow appropriate and established procedures in selection an operation of sub-systems/components within mechatronics system/s relevant to the industry.</p> <p>CLO4: Carry out primary mechatronics engineering work such as installations, machine programming, fault diagnosis and maintenance work.</p> <p>CLO5: Identify and apply safety measures in relevant industry</p> <p>CLO6: Communicate engineering information effectively to technical and non-technical audiences.</p> <p>CLO7: Work in teams for achieving common objectives.</p> <p>CLO8: Use resources effectively, efficiently and sustainably in carrying out specific activities.</p>