

## Mechanical Technician - Machinist

### Program Learning Outcomes

Learning outcomes represent culminating demonstrations of learning and achievement. In addition, learning outcomes are interrelated and cannot be viewed in isolation of one another. As such, they should be viewed as a comprehensive whole. They describe performances that demonstrate that significant integrated learning by graduates of the program has been achieved.

The graduate has reliably demonstrated the ability to

1. complete all work in compliance with current legislation, standards, regulations and guidelines.
2. apply quality control and quality assurance procedures to meet organizational standards and requirements.
3. comply with current health and safety legislation, as well as organizational practices and procedures.
4. apply sustainability best practices in workplaces.
5. use current and emerging technologies to support the implementation of mechanical and manufacturing projects.
6. analyze and solve mechanical problems by applying mathematics and fundamentals of mechanics.
7. interpret, prepare and modify mechanical drawings and other related technical documents.
8. perform technical measurements accurately using appropriate instruments and equipment.
9. manufacture, assemble, maintain and repair mechanical components according to required specifications.
10. contribute to the planning, implementation and evaluation of projects.