



Project
CNC Machining

POST-SECONDARY

1 INTRODUCTION

The contest involves manufacturing a precision component using a CNC turning centre and a CNC Vertical Milling centre.

2 DESCRIPTION OF PROJECT AND TASKS

- Reading and Interpreting engineering drawings
- Proficient use of Mastercam to program CNC machines.
- (Turning Centre) May include external and internal turning, taper turning, threading, drilling, boring, face grooving and applied metrology.
- (Machining Centre) May include pocketing, profiling, drilling, reaming, tapping, chamfering, thread milling and applied metrology.

