

# C.N.C WALL PLAQUE

**CHALLENGE:** To design and construct a personalized 12" x 12" wall plaque of such quality as to be displayed proudly in a public place.

## **REQUIREMENTS:**

- ⇒ The wall plaque must be made from ½" MDF
- ⇒ The wall plaque must measure 12"x12"
- ⇒ The CNC Mill must be used to create the message
- ⇒ All line segments must be straight
- ⇒ You must include a border around the plaque

**MATERIALS:** Teacher will supply the following materials for this project.

- ⇒ MDF
- ⇒ sandpaper
- ⇒ poster paint

**EVALUATION:** /50

- ⇒ degree of difficulty /15
- ⇒ sanding /5
- ⇒ message centered /5
- ⇒ spelling /5
- ⇒ creativity of border /5
- ⇒ finish project /15

**REPORT:** /40

- ⇒ include 3 design sketches /10
- ⇒ 1 hand coloured AutoCAD drawing /10
- ⇒ 1 AutoCAD with ID points /20

**UNIT TEST:** A unit test will be given during the last week of this unit. / 10

**DUE DATE:** \_\_\_\_\_