

# CAD programs

# Tec.Graphics

Statement Code no: 5

Student:

Class:

At Junior Certificate level the student can:

Apply the skills, knowledge and understanding needed to produce a graphic image using Autocad (or other suitable CAD program)

Date Commenced: / /

Date Awarded: / /

## Learning Targets - This has been demonstrated by your ability to:

- |   |                          |                          |                          |
|---|--------------------------|--------------------------|--------------------------|
| 1 Identify and name computer hardware materials: monitor, mouse, mouse pad, keyboard, printer, plotter, floppy disk   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 Identify software terms using 'Autocad' through MS DOS/Windows  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 Understanding the following commands: draw, line, circle, polygon, modify, erase, open, exit, save, properties etc. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 Use the 'assist' menu   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5 Draw objects to given dimensions  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6 Save and retrieve drawings on different drives  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7 Print a hard copy using a printer or a plotter  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8 Use the following commands: fillet, chamfer, rotate, mirror, rectangular array                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9 Identify which commands have been used to create a given drawing  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10 Use 'layers' command as a control on information   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11 Use CAD to produce a useful graphic image that conveys information without using words                             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Work begun    | Work in progress    | Work completed