

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