

Drawing Complex 2D and 3D shapes

Tec.Graphics

Statement Code no: 2

Student:

Class:

At Junior Certificate level the student can:

Use basic drawing instruments to demonstrate the skills of drawing and the knowledge of more complex 2D shapes and basic 3D shapes

Date Commenced: / /

Date Awarded: / /

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

- | | | |
|---|--|--|
| 1 | Recognise and understand the line types: centre line, hidden detail and construction lines | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 2 | Copy a drawing containing rectangles, squares and circles to given dimensions from printed materials | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 3 | Draw octagons and hexagons in a circle using compass, T square and set squares only | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 4 | Draw and understand acute and obtuse angles using 45° set square, 30°/60° set square | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 5 | Measure given angles using a protractor | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 6 | Draw given angles using a protractor | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 7 | Draw triangles using ruler, compass and protractor | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 8 | Draw octagon, hexagon and pentagon using ruler, compass and protractor of given dimensions | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |

Work begun ☐ ☐ ☐ | Work in progress ☐ ☐ ☐ | Work completed ☐ ☐ ☐