Introductory Graphics
ITEC 103

Drafting Tools

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Drafting Tools

Triangles
Use of drafting tools – Triangles

Drafting Tools

Triangle Wheel

All Angles with respect to horizontal
Drafting Tools

How to Draw a Horizontal Line
Hold your pencil as in the position shown. It should make approximately a $60^\circ$ angle with the paper.

Drafting Tools

How to Draw a Vertical Line
Hold your pencil as in the position shown. It should make approximately a $60^\circ$ angle with the paper.
Types of lines

- Center - Thin
- Visible Line - Thick
- Hidden Line - Thin
- Cutting Plane Line - Thick
- Short Break Line - Thick
- Long Break Line - Thin
- Dimension & Extension Line - Thin
- Section Line - Thin
- Phantom Line - Thin