

BME1902 – Computer Aided Design
Laboratory Handout – 12

OBJECTIVES

Learn about,

- Technical drawing
- Fundamental views
- Section views
- Technical drawing examples

FUNDAMENTAL VIEWS

Figure 1: All fundamental views ANSI standard (left) and ISO standard (right)

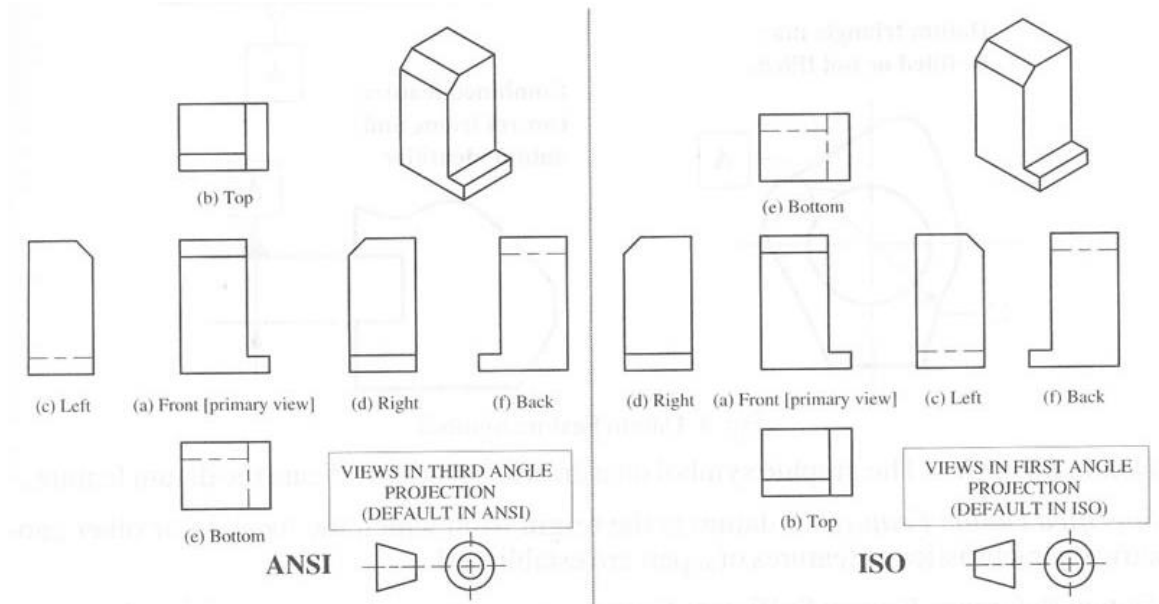
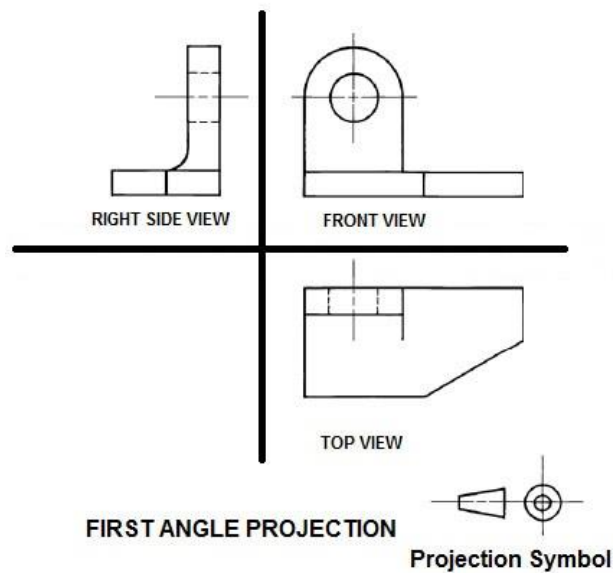


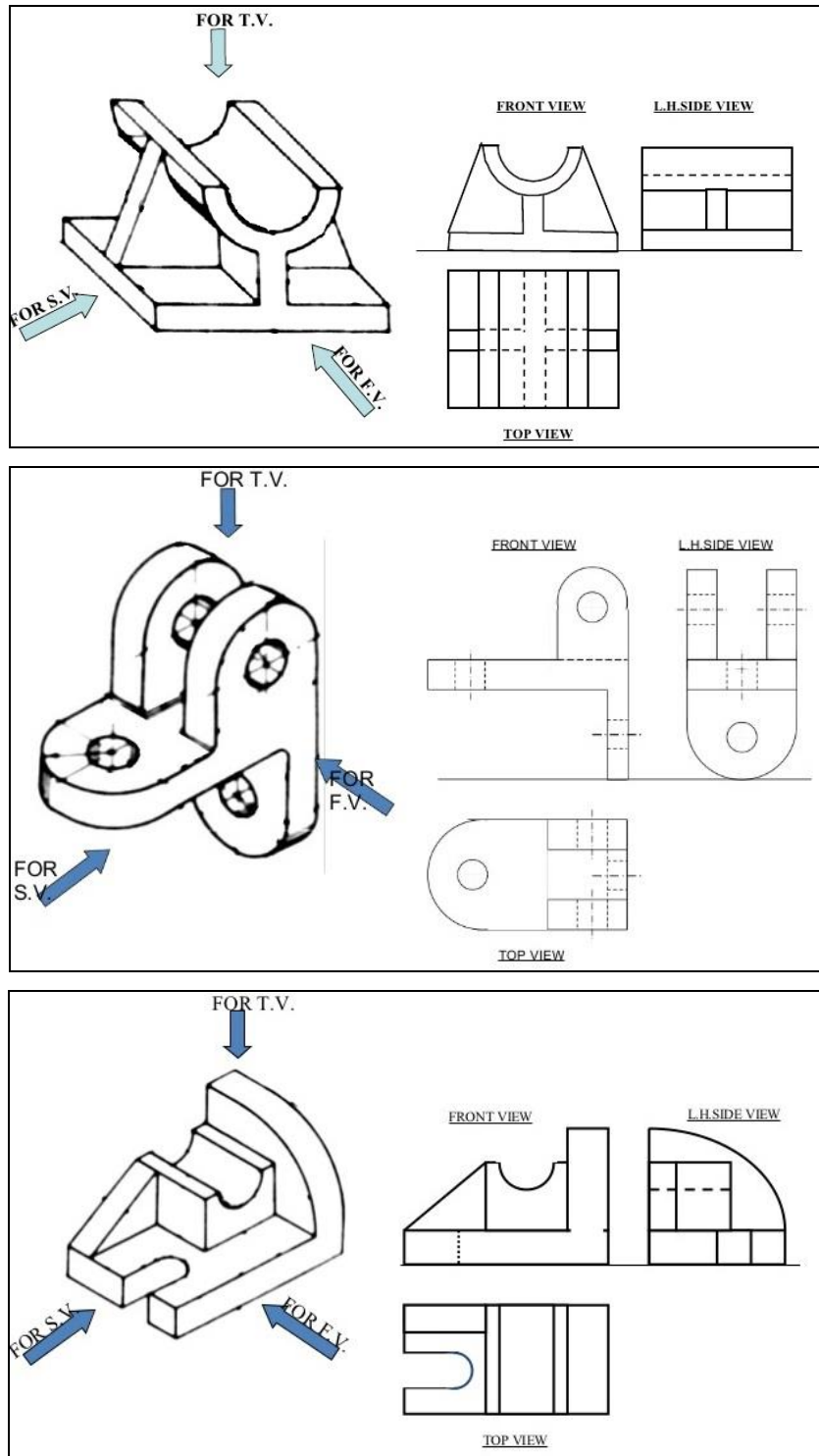
Figure 2: Three fundamental views of ISO standard (first angle projection)



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ISO TECHNICAL DRAWING EXAMPLES

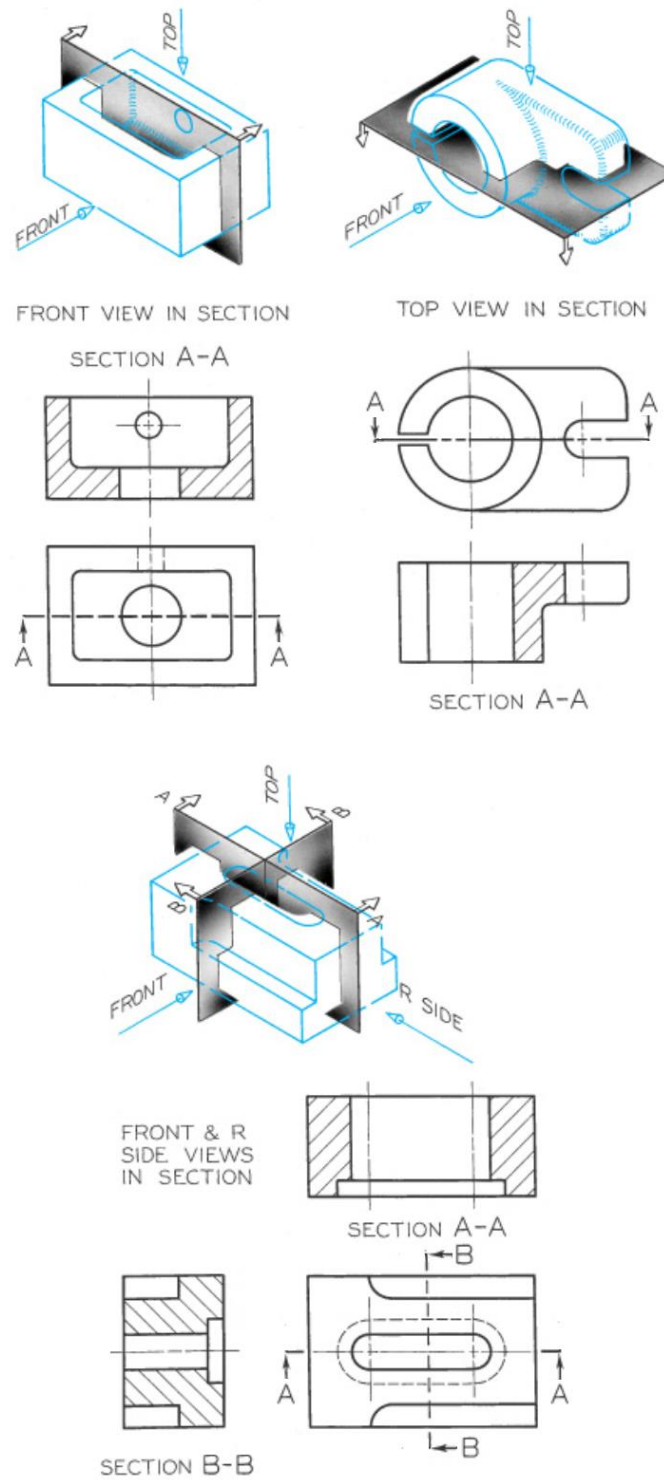
Figure 3: ISO (first angle projection) examples with three fundamental views



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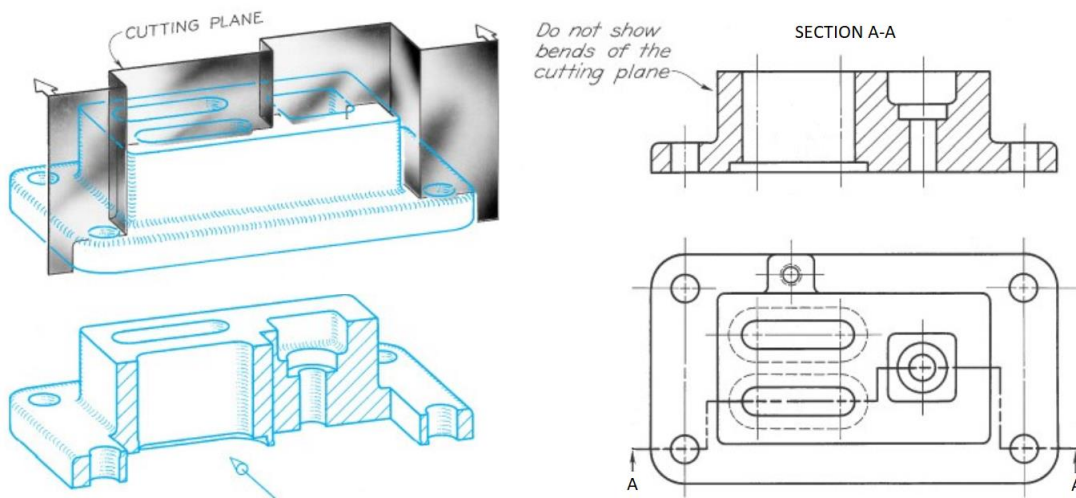
SECTION VIEWS

Figure 4: Section view examples



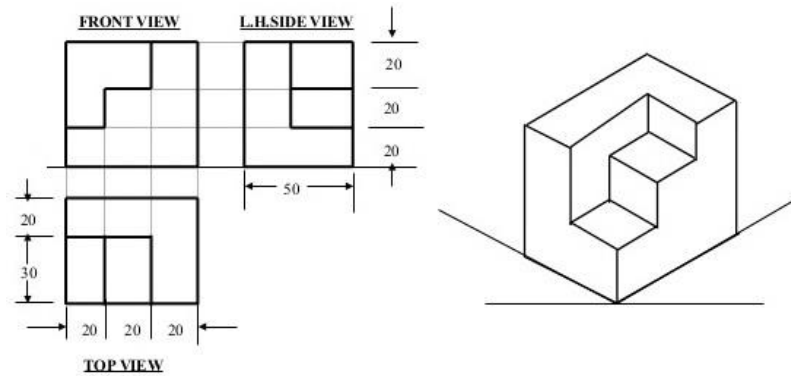
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Figure 5: Offset section view example



DRAWINGS

Technical Drawing 1:



Technical Drawing 2:

