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## Interpreting Engineering Drawings (Drafting and Design)

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Summary: Unit 1 Bases for Interpreting Engineering Drawings Engineering Drawings Line Styles and Lettering Sketching Information Shown on Assignment Drawings Unit 2 Lines Used to Describe the Shape of a Part Title Blocks and Title Strips Drawing to Scale Unit 3 Circular Features Center Lines Sketching Circles and Arcs Unit 4 Working Drawings Arrangement of Views Third-Angle Projection Sketching Views in Third-Angle Projection Unit 5 Dimensioning Dimensioning Straight-Line Features Unit 6 Inclined Surfaces Measurement of Angles Symmetrical Outlines Machine Slots Unit 7 Pictorial Sketching Isometric Sketching Oblique Sketching Unit 8 Machining Symbols Not-To-Scale Dimensions Drawing Revisions Break Lines Unit 9 Sectional Views Types of Sections Countersinks, Counterbores, and Spotfaces Intersection of Unfinished Surfaces Unit 10 Chamfers Undercuts Tapers Knurls Unit 11 One- and Two-View Drawings Multiple-Detail Drawings Functional Drafting Unit 12 Surface Texture Surface Texture Symbol Surface Texture Ratings Control Requirements Unit 13 Tolerances and Allowances Definitions Tolerancing Methods Unit 14 Inch Fits Description of Fits Standard Inch Fits Unit 15 Metric Fits Unit 16 Threaded Fasteners Threaded Assemblies Threaded Holes Inch Threads Right- and Left-Handed Threads Metric Threads Unit 17 Revolved and Removed...



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