

Industrial Communications/Drafting Grades: 9-12

UNIT	STANDARD	OBJECTIVES (What it looks like in the classroom) The learner will í	Vocabulary terms	# OF DAYS NEEDED FOR MASTERY	INSTRUCTION BEGIN	ASSESSMENT TYPE (performance, project, written test)	RESOURCES (Materials, web sites, auto-visual, print)	LEARNING ACTIVITIES
		Develop the ability to Communicate and apply Drafting techniques and Fundamentals as they apply to board drafting.			Semester course			
Drafting equipment		Identify basic equipment used in board drafting. Identify the purpose of each instrument.		3		Written test	Textbook Handouts	
Lines used in drafting		Identify and use the lines and symbols used by the American National Standards Institute.		7		Drawings Written test	Textbook Handouts	Drawings
Drafting rules and policies		Use basic drafting tools and equipment properly to produce technical drawings.		5		Written test	Textbook handouts	Drawings
Geometric construction		Identify, describe and construct various geometric shapes accurately.		21		Drawings Written & drawing test	Textbook handouts	Drawings
lettering		Letter clear, neat freehand notes and dimensions on a drawing.		14		Drawings Written test	Textbook handouts	Drawings

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Multiview – Orthographic Projections.		Determine the number of views needed to describe fully the shape and size of an object. Create the various views of an object.		20		Drawings Written & Drawing test	Textbook Handouts	Drawings
Dimensioning		Apply measurements, notes and symbols to a technical drawing.		14		Drawings Written & Drawing test	Textbook Handouts	Drawings

