

Content, Skills, and Assessment Map

Teacher: Brey	School: Mancelona H.S.	Grade: 9-12	Course or Content Area: Advanced Drafting
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Month	Content <i>What topic(s) is being covered and what is the important vocabulary? What do students need to know? Think nouns!</i>	Skills <i>What do students have to be able to do connected to the Content? Think verbs!</i>	Assessment <i>What evidence (products and/or performances) is collected to establish that the Content and Skills have been learned?</i>	Benchmarks Assessed <i>Which benchmarks are measured through these assessments?</i>
Sept	Advanced Dimensioning Advanced Drawing Set-up Geometric Constructions	<p>St. will place borders, title blocks, scale, and all other info. Appropriately on dwgs.</p> <p>St. will provide dims and notes properly on dwgs.</p> <p>St. will construct fillets, polygons, and other geometric shapes using drafting equipment and by identifying points.</p>	<p>Drawing Assignments</p> <p>Quizzes</p>	
October	Geometric Construction Auxiliary Views	<p>St. will construct fillets, polygons, and other geometric shapes using drafting equipment and by identifying points.</p> <p>St. will add aux views properly to dwgs to represent the TSS of angled surfaces and show proper dims.</p>	<p>Drawing Assignments</p> <p>Quizzes</p>	
November	Section Views Isometric Views Engineering/Design	<p>St. will add various types of section views to dwgs-revolved, full, half, offset, etc.</p> <p>Students will construct isometric views of objects</p> <p>Students will learn the design process from conception through production.</p>	<p>Drawing Assignments</p> <p>Quizzes</p> <p>Furniture Design Project</p>	

December	Engineering/Design cont. CAD	<p>Students will learn the design process from conception through production.</p> <p>Students will learn CAD commands and usage.</p>	<p>CO2 car design project</p> <p>Workbook activities</p> <p>Quizzes</p> <p>Drawing Assignments</p>	
January	CAD cont. Semester exam	<p>Students will learn CAD commands and usage.</p> <p>St. will setup various dwg styles on CAD and change units, scale, viewports, plot settings, etc.</p> <p>St. will prepare a drawing representing the skills they have learned and practiced this semester</p>	<p>Workbook activities</p> <p>Quizzes</p> <p>Drawing Assignments</p> <p>EXAM</p>	

Content, Skills, and Assessment Map (continued)

Teacher: Kwiatkowski	School: Mancelona High	Grade: 10-12	Course or Content Area: Advanced Drafting
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Month	Content <i>What topic(s) is being covered and what is the important vocabulary? What do students need to know? Think nouns!</i>	Skills <i>What do students have to be able to do connected to the Content? Think verbs!</i>	Assessment <i>What evidence (products and/or performances) is collected to establish that the Content and Skills have been learned?</i>	Benchmarks Assessed <i>Which benchmarks are measured through these assessments?</i>
February	<ul style="list-style-type: none"> • House styles • Floor plans- basic • Floor plans- advanced 	<ul style="list-style-type: none"> • Learn different house styles and what makes them different and similar. • Draw floor plans to a $\frac{1}{4}=1"$ scale house single story 	<ul style="list-style-type: none"> • Discussion • Notes • Journals • Drawings 	

<p style="text-align: center;">March</p>	<ul style="list-style-type: none"> • Floor plans- continued • Foundation Plans • Elevations- 	<ul style="list-style-type: none"> • Draw floor plans and Foundation plans to $\frac{1}{4}=1"$ scale • Fully finish a floor plan for a house. 	<ul style="list-style-type: none"> • Drawings • Discussion • notes 	
<p style="text-align: center;">April</p>	<ul style="list-style-type: none"> • Elevations • Windows, doors, and appliances • Roof styles & specifications 	<ul style="list-style-type: none"> • Draw the elevations to a house floor plan • Identify types of roofs and their advantages and disadvantages 	<ul style="list-style-type: none"> • Drawings • Group work • notes 	
<p style="text-align: center;">May</p>	<ul style="list-style-type: none"> • Plot plans • Residential electrical plans • Residential plumbing plans • Kitchen Planning • Section View of Kitchen 	<ul style="list-style-type: none"> • Draw a set of plot plans, electrical plans, & plumbing plans for a given house • Complete a complete set of House plans 	<ul style="list-style-type: none"> • Drawings • Worksheets • notes 	
<p style="text-align: center;">June</p>	<ul style="list-style-type: none"> • Continue • exam 	<ul style="list-style-type: none"> • Continue • exam 	<ul style="list-style-type: none"> • Continue • exam 	