

Introduction to Drafting Design

Module 2, Task 3	Course of Study Crosswalk:	ID 2
Module	Drafting Instruments and Techniques	
Task / Topic	Produce a print from an original drawing	
Content Standard	The student will demonstrate proper usage of drafting instruments.	
Overview/Annotation		
Evaluation	Given an original drawing and the necessary supplies and equipment, the student will produce a print. The print must have clear distinct lines with a minimum background	
Resources	Original drawing, print paper, film or other reproduction material Diazo copying or print machine	
Lesson Length		
Instructional Method		
<input type="checkbox"/> Lecture <input type="checkbox"/> Class Discussion <input type="checkbox"/> Team Work <input type="checkbox"/> Review <input type="checkbox"/> Demonstration <input type="checkbox"/> Multimedia <input type="checkbox"/> Individual Work <input type="checkbox"/> Other		
Assessment Strategy		
<input type="checkbox"/> Homework <input type="checkbox"/> Written Test <input type="checkbox"/> Teacher Observation <input type="checkbox"/> Other <input type="checkbox"/> Class work <input type="checkbox"/> Performance Test <input type="checkbox"/> On-Task Ability <input type="checkbox"/> Other		
Integrated Content Code		
<input checked="" type="checkbox"/> R <input type="checkbox"/> SS <input type="checkbox"/> IR <input type="checkbox"/> PS <input type="checkbox"/> SO <input type="checkbox"/> MS Other <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/> M <input type="checkbox"/> CL <input type="checkbox"/> CT <input type="checkbox"/> LD <input type="checkbox"/> WA _____ <input checked="" type="checkbox"/> C <input type="checkbox"/> S <input type="checkbox"/> DM <input type="checkbox"/> IM <input type="checkbox"/> ES <input type="checkbox"/> TW _____		

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Module 2, Task 3	Teaching Points (<i>Procedures/Activities/Learning Experiences</i>)
	<ol style="list-style-type: none">1. Explain the diazo processes, including the following:<ol style="list-style-type: none">a. Dry process (Ammonia vapor or gas), Moist process (Liquid chemical), Pressure process (Amine chemical)b. Effects of machine speed on the printc. Necessity of proper storage for print materiald. Why blueline prints rather than originals are usede. Safety precautions2. Explain the blueprint process.3. Explain the electrostatic processes, including:<ol style="list-style-type: none">a. Xerography, Mimeography, Hectographyb. Why electrostatic reproduction is used instead of using the originalc. Necessary safety precautions4. Explain the thermographic process, including the following:<ol style="list-style-type: none">a. Thermo-fax, Verifaxc. Needs and use of thermographic reproductiond. Safety precautions5. Explain the different photographic processes, including:<ol style="list-style-type: none">a. Process camera, Contact Prints, Photostats, Microfilmb. Control of scalec. Benefits of archiving and storage6. Explain the line etching and scribing processes.7. Explain the aperture card process.8. Demonstrate how to produce a print from an original drawing<ol style="list-style-type: none">a. Demonstrate procedures for making diazo prints:<ol style="list-style-type: none">1. contact2. exposure3. developmentb. Demonstrate prints made with other processes, including:<ol style="list-style-type: none">1. blueprint2. Xerographic print3. photographic print4. thermo-fax print5. micro film6. aperture card

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Module 2, Task 3	Provision for Individual Differences
Extension	
Remediation	
Accommodation	
Modification	
Definitions and Suggested Modifications <u>Attention Deficit Disorder</u> <u>Autism</u> <u>Deaf-Blindness</u> <u>Deafness/Hearing Impairment</u> <u>Emotional Disturbance</u> <u>Mild Intellectual Disability</u> <u>Orthopedic Impairment</u> <u>Specific Learning Disability</u> <u>Speech or Language Impairment</u> <u>Tourette's Syndrome</u> <u>Traumatic Brain Injury</u> <u>Visual Impairment</u>	