Goodheart-Willcox Publisher

Correlations to the Alabama Career Cluster Curriculum

Career and Technical Education - Comprehensive
Course: Advanced Drafting Design
Grades 9-12

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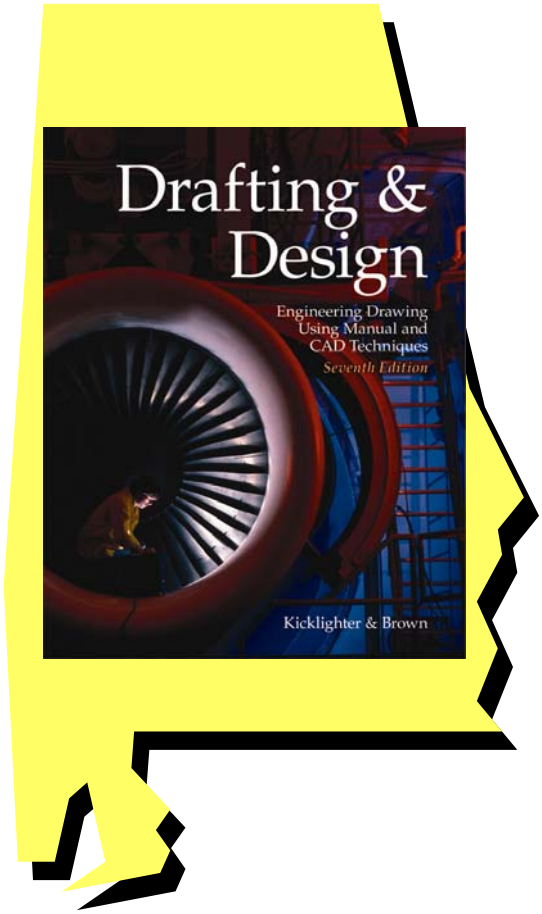

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TITLE: *Drafting and Design* © 2008

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Create drawings of inclined surfaces that incorporate auxiliary sections and secondary auxiliary views.	407–439
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Create a complete working drawing, including all dimensions, notes, and specifications.	587–614
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Geometric Tolerancing	
Demonstrate basic geometric dimensioning and tolerancing concepts, with references to American National Standards Institute (ANSI) dimensioning standards, in an advanced drafting design project.	549–586
Surface Developments and Intersections	
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Introduction to Three-Dimensional Solid Model Design	
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Develop a career-related project based on research and design of current technology, including conducting Internet research, creating a working drawing, and using computer application software to organize and present the project.	38–40, 614, 733, 804