

Curriculum Mapping

School Illini Bluffs High School

School Year 2009 - 2010

Course Mechanical Computer Aided Drafting

Grade Level 10-12

Month	ILS	Content	Skills	Assessments	Resources
August	7.B.4 7.C.4b 9.A.4b 9.A.5 9.B.5	1. Geometric Construction Basics 2. Construction and Editing Tools 3. Object Properties and Organization	Students will be able to: 1. Watch CDRom tutorial. 2. Create drawings embedded in each chapter lesson by following directions in that lesson. 3. Create assigned drawings at the end of each chapter on their own.	Student Drawings	Computer Lab AutoCad 2002 AutoCad 2002 Tutorial Book and Complementary CD
September	Same as above	1. Orthographic Views 2. Dimensioning and Notes 3. Templates and Plotting	Same as Above	Student Drawings	Same as Above
October	Same as above	1. Auxiliary Views and Grips 2. Sectional Views 3. Assembly Drawings and Blocks 4. 3D Wireframe Modeling	Same as Above	Student Drawings	Same as Above
November	Same as above	Bradley Bridge-Pal Project	Students will be able to: Use Auto-Cad to design and print blueprints for a bridge that meets the specifications of Bridge-Pal rules.	Student-produced bridge blueprints	Computer Lab AutoCad 2002 HP DesignJet 500 Plotter
December	Same as above	Same as November	Students will be able to: Build a balsa wood bridge to the blueprint that they previously created for competition in February.	Balsawood bridge	Balsa wood, glue, and card stock purchased from Bradley Bridge-Pal program.
January					

Month	ILS	Content	Skills	Assessments	Resources
February					
March					
April					
May					
June					