

C.A.D. MODULE



Name: _____ Rotation #: _____ Hour Code: _____ Date: _____

Name: _____

LESSON 2

When you print make sure you choose “HP LaserJet” as the printer. **Staple a print of your Drawing to the back of this module packet .**

Instructor’s Initials: _____

LESSON 3

Show the instructor your monitor when you have completed the Lesson 3 CAD activity.

Instructor’s Initials: _____

LESSON 4

Mountain Drawing - Print to “HP LaserJet” printer and show instructor.

Instructor’s Initials: _____

Environmental Impacts Response – on a separate sheet of paper, write a response to this question.

- How do the environmental impacts you just learned about affect your community?

LESSON 5-

Floppy Disk Drawing - Print to “HP LaserJet” printer and show instructor.

Instructor’s Initials: _____

LESSON 6

Speaker Drawing - Print to “HP LaserJet” printer and show instructor.

Instructor’s Initials: _____

3D Glass Box –

Best Time – _____

Speaker Drawing – Side View and Top View

Instructor’s Initials: _____

LESSON 7-

Career Research

What career do your interests place you into this “**physical** technologies” field?

C.A.D. “NOTES”

Be sure to take notes at this module!!!

ONLY Save your drawings to YOUR Server

Not the “module” hard drive like the module guide will tell you !!!!!!!!!!!

LESSON 1

Introduction to AUTOSKETCH – p2 in the Module Guide book

You will find the "Birdhouse" drawing file in the "**Drawings**" folder.

LESSON 2

READ TECHNOLOGY TEXTBOOK: “COMPUTER-AIDED DESIGN” P.65

Learning AUTOSKETCH – p4 in the Module Guide book

You will be Drawing an Arc, Box, Curve, Line, Polyline, Polygon, Pattern fill, and various circles. When you print make sure you choose “HP LaserJet” as the printer. Show this to the instructor, and then **staple a print of your Drawing to the module packet for grading.**

LESSON 3

Using the Features– p8 in the Module Guide book

YOU WILL: Copy, Erase, Move, Change Colors, Change line widths, use the Quick Text tool for both partners names, Modify Font and the Size of the Text. When you print make sure you choose “HP LaserJet” as the printer. Show this to the instructor,.

LESSON 4-

Your First Drawing (MOUNTAIN DRAWING)- p10 in the Module Guide book

Print a copy with the “HP LaserJet Printer”. Show this to the instructor, and then **staple a print of your Drawing to the module packet for grading.**

LESSON 5

Drawing the Floppy Disk – p13-15 in the Module Guide book

Create and Dimension the **FLOPPY DISK** Drawing-

There is a floppy disk on your module. Use this disk to help you understand what you are drawing. You will probably have to take off the “Snap” and “Grid Snap” to draw **some** of the lines but leave it on when needed.

staple a print of your Drawing to the module packet for grading.

LESSON 6

Drawing your Speaker – p17 in the Module Guide book

Create the **SPEAKER** Drawing using “AUTOSKETCH”. Make sure you follow each direction carefully. Print a copy. Staple the printout to the back of the module and have instructor sign off on the drawing.

Pay attention to the “sticky” notes in the lesson.

Do the 3D Glass Box activity. This program is located in the Resources menu on the bottom of the module window. Have the instructor sign off on your best time for the “Timed Tutorial”

Now add the Top and Side view to the Speaker drawing. Print a copy with the HP LaserJet Printer. Staple the printout to the back of the module and have instructor sign off.

LESSON 7- PLOT DRAWING ON CAD PLOTTER

The Plotters don't work with this version of Windows. Please **SKIP the activity** in the module packet. You have been printing on the LaserJet Printer instead.

When completed with the module computer work, do the career research and then take the post test. See the instructor if completed early for additional drawings and fun challenges.