

BEGINNING DRAFTING A
COURSE PACING GUIDE
2ND TRIMESTER
2007-08

TOPICS COVERED: ORTHOGRAPHIC PROJECTION, ISOMETRIC VIEWS, AND OBLIQUE VIEWS.

TOPIC	TIME FRAME
LETTERING AND LINE WEIGHTS	2 DAYS
ORTHOGRAPHIC PROJECTION #1 Problems: 5.2; 5.3, 5.4-7; 5.12-14; 5.15-17. Test(s): 1K or 1KL. Extra credit: 5.8-11.	2 WEEKS
ORTHO PROJECTION #2 Problems: 5.21-23; 5.24-27; 5.42, 43, 45 & 46. Test(s): SS2A or SS3. Extra credit: 5.18-20; 5.29, 30, 32 & 33; 5.37-40.	2 WEEKS
ORTHO PROJECTION W/CIRCLES Problems: 5.54; 5.58; 5.64. Test(s): C1 or 1BL. Extra credit: 5.56	1.5 WEEKS
ISOMETRIC VIEWS Problems: 14.6; 14.7-10; 14.23-26; 14.6(right orientation). Test(s): ISO 1 or 1A. Extra credit: 14.2 & 4; 14.3 & 5.	2 WEEKS
CAD INTRO	2 DAYS
ISOMETRIC VIEWS W/ELLIPSES (CIRCLES) Problems: 5.54; 5.58; 5.64; Test(s): ISO C1 or C2	1.5 WEEKS
OBLIQUE VIEWS Problems: 14.58; 14.60. Test(s): OBL 1 Extra credit: 14.61	1 WEEK
SEMESTER WRAP UP EXAM REVIEW ADMINISTER FINAL EXAM	1 WEEK

BEGINNING DRAFTING A
COURSE PERFORMANCE OBJECTIVES
2ND TRIMESTER
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The students will learn proper measurement, lettering, and line techniques.

The students will learn the difference between construction and object lines.

The students will learn front, top, and right side view orientation.

The students will learn the use of the miter line technique in creating the right side view.

The students will learn how they are assessed on their work (drawings).

The students will learn how they are assessed on their test(s).

The students will learn hidden lines.

The students will learn point to point angles that are not set to 30, 45, or 60 degrees.

The students will learn circles in orthographic projection.

The students will learn how to construct center lines in circles

The students will learn how to create 3 dimensional isometric views.

The students will learn how to use the CAD program to create 3 dimensional objects.

The students will learn how to create isometric ellipse circles.

The students will learn how to create oblique views.