



**EG 2100 Engineering Graphics 3.5(2-1-3) UT
Course Information, Fall 1997**

For a brief description of this course, see p. 105 of the 97/98 GPRC calendar.

Instructor:	Tola Adedodu, Room J209, Ext. 2865	
Lecture:	MW	1:00 - 1:50 p.m., J227
Mechanical Drawing Lab	R	3:00 - 4:50 p.m., J228
	F	3:00 - 4:50 p.m., J203
AutoCAD Lab	WR	2:00 - 2:50 p.m., J101
Seminar:	F	1:00 - 1:50 p.m., J227
Textbooks	Fundamentals of Engineering Drawing, 11th Ed., W. Luzzader and J. Duff, Prentice-Hall	
	AUTOCAD With Lab Applications, Releases 10, 11 and 12, S.R. Kyles, Addison Wesley	
Lab Workbook	Problems in Engineering Drawing for Design and Production, 11th Ed., W. Luzzader, J. Duff and L. Goss, Prentice-Hall	
Grading (%)	Mechanical Drawing Lab Assignments	20
	Midterm Exam	15
	Final Exam	30
	AutoCAD Quizzes	5
	Assignments	5
	Midterm Exam	5
	Project	10
Final Exam	10	

Mechanical Drawing Lab Assignments:

On the average, there will be an assignment each week (except during Midterm exams). In all, there will be at least 10 assignments and at most 12. The assignment for a particular week will be given at the beginning of the week's lab. It is due for submission at the beginning of the following week's lab. Most of the assignment questions will be drawn from the workbook. The assignment will be on the class material covered during the week.

Mechanical Drawing Midterm Exam:

To be held during the week starting Oct. 12 or 19. Details by the end of September.

Mechanical Drawing Final Exam:

This exam will be 3 hours long. The date, time and location will be set by the Registrar's office.



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Textbook Reading: Fundamentals of Engineering Drawing

Week	Subject	Chapter	Sections
1	Introduction, Drawing Instruments, Alphabet of Lines, Linewidths, Parallel, Perpendicular and Inclined Lines	1 2	All sections 2.1 - 2.13
2	Engineers, metric and architect's scales, Vertical and Inclined Lettering	2	2.24 - 2.25 2.34 - 2.42
3	Multiview Sketching	4 5 6	4.1 - 4.6 5.1 - 5.7, 5.9 - 5.14 6.5 - 6.16
4	Orthographic Projection	5	5.15 - 5.40
5	Engineering Geometry	3	3.1 - 3.40
6	Sectional Views	7	All sections
7	Auxiliary Views, Bearing, Slope, % Grade, Cut and Fill, Strike and Dip	8	All sections plus supplementary handouts
8	Descriptive Geometry	9	9.1 - 9.30
9	Isometric and Oblique Projection	11	11.1 - 11.22
10	Dimensioning, Limits and Tolerances	13	13.1 - 13.25
11	Development and Intersections	10	All sections
12	Threads, ISO and ANSI standards	14	14.1 - 14.17
13	Design Process Detail drawing, assembly drawing	12 16	12.1 - 12.20 16.1 - 16.20
14	Graphs and Charts Charting using MS Excel Software	19	19.1 - 19.20