

**KHAZAR UNIVERSITY**

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**SCHOOL OF ARCHITECTURE, ENGINEERING  
AND APPLIED SCIENCES.**

**CIVIL & ENVIRONMENTAL ENGINEERING**

**COURSE SYLLABUS**

**Civil Engineering Drawing**

# Civil Engineering Drawing

## Identification

<i>Semester:</i>	Spring, 2010
<i>Department:</i>	Environment Engineering
<i>Subject:</i>	Civil Engineering Drawing CIV 101)
<i>Credit-units:</i>	3
<i>Instructor:</i>	Yildirim Bino USENMEZ
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## Textbooks and

### Materials:

#### Core Textbook:

1. FRENCH & VIERCK, Engineering Drawing, USA, 10<sup>th</sup> Edition 1993 .
2. AzMeCo (Azerbaijan Methanol Plant) Engineering Drawings.

## Objectives:

This course is a main subject of a Engineering Drawing. In this course will be covered a lot of topics of Drawing Methods.

#### Specific Objectives of the Course

- To support students academically, to provide background understanding about engineering drawing.
- To provide imagination 3D view and improve their capability.

### Developed Skills:

- Technical drawing
- Studying with team
- Presentation
- Systematic & regular working

### Evaluation:

- Participation & activity-----10
- Quizzes-----20
- Mid-term Examination-----30
- Final Examination-----40

### Learning and

### Teaching Methods:

This course considers active learning process; lectures, discussions and presentations.

### Course Schedule

Week	Topics	Hours	Reading
1	Instruments & their use	4	[1] Ch.1.
2	Shapes & descriptions	4	[1] Ch.2.
3	Geometry	4	[1] Ch.3.
4	Orthographic drawings	4	[1] Ch.4.
5	Pictorial drawings	4	[1] Ch.5.
6	Normal & Edge views	4	[1] Ch.6.
7	Sections & conventions	4	[1] Ch.7.
8	MID-TERM EXAM		
9	Drawings & the shop	4	[1] Ch.8.
10	Screw, threads, keys, rivets & springs	4	[1] Ch.9.
11	Charts, graphics & diagrams	4	[1] Ch.10.
12	Drawings of welded parts, pipings, electrical systems	4	[1] Ch.11.

13	Drawing of structures	4	[1] Ch.12.
14	Civil Drawings	4	[2] Ch.13.
15	Architectural Drawings	4	[2] Ch.14.
16	Site Visit (AzMeCo-Qaradagh)	4	[2] Ch.15.
	FINAL EXAMINATION		