

Identification	Subject	Engineering drawing	
	Department	Civil Engineering	
	Program (Undergraduate, Graduate)	Bachelors	
	Term	Autumn 2026	
	Instructor	Vugar Sharifov	
	Email:	vuqar.sharifov@khazar.org	
	Classroom/hours		
Prerequisites	No prerequisites		
Language	English		
Compulsory/Elective	Compulsory		
Textbooks and course materials	There is no single prescribed textbook for this course. Instead, relevant reference materials, technical standards, codes, and examples from real-world engineering projects will be provided by the instructor to support practical learning and strengthen students’ understanding of engineering drawing practices.		
Course description	This course focuses on the principles and practices of Engineering Drawing, with particular emphasis on developing and interpreting complex 2D technical drawings. It provides students with the skills required to accurately draft, visualize, and communicate engineering designs in accordance with relevant local and international standards and codes.		
Course objectives	The course covers the 3D structural modelling of buildings, including the drafting phase and reinforcement detailing of structural members. As a practical project, students will develop the structural model and drawings of building. The course will introduce the fundamental theories, principles, and concepts of 3D structural modelling and structural drafting. Students will progressively apply these concepts to model structural elements, prepare technical drawings, and develop reinforcement details in accordance with applicable local standards and codes.		
Learning Outcomes	Students will learn to: • Read and interpret detailed engineering drawings. • Read, prepare, and interpret sections and detailed views. • Generate accurate 2D plan and elevation views from 3D models. • Apply appropriate layers, line types, and dimension styles in technical drawings. • Organize and manage drawing elements according to professional drafting standards.		
Teaching methods	Practical exercise		+
	Group discussion		+
	Lecture		+
	Assisted exercise		+
Evaluation Criteria	Methods	Date/deadlines	Percentage (%)
	Midterm Exam	TBA	30
	Quizzes	October and November	20
	Practical Assignments	October and November	10
	Final Exam	TBA	40
	Total		100
Class Policy	• The use of cell phones is prohibited during lectures and laboratory sessions. All phones must be in silent or vibrate mode before class begins.		

	• Late assignments will not be accepted unless prior arrangements have been made with the instructor for valid and documented reasons. Medical issues and family emergencies will be considered on a case-by-case basis. • Late homework submissions will not be accepted. Homework must be completed individually. Students are encouraged to discuss problems with classmates; however, all submitted work must be their own. If assistance was received from classmates, their names must be clearly listed at the top of the assignment. • There will be no re-exams. Students who miss an exam will receive a score of zero. • In the event of a personal or medical emergency, students must notify the instructor immediately by email. A doctor's note or appropriate documentation will be required to be considered for any re-exam. • Students are responsible for completing all assigned readings related to the course topics and for checking their university email regularly for course announcements and important updates. • University policies regarding academic honesty and use of AI will be strictly enforced for all exams, homework, and individual work. • In this course, the use of GAI tools is permitted for the purpose of supporting the learning process. Students may use GAI during the comparison and informative stage. However, the student must disclose all GAI tools used and explain how they were used in the work. The student also bears full responsibility for the accuracy and reliability of any results obtained through GAI. The final work must, in all cases, reflect the student's own analysis, critical thinking, and intellectual contribution.
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Tentative Schedule

Week	Date/Day (tentative)	Topics	Textbook/Assignments
1		Introduction to engineering drawing	
2		Brief acknowledgement of the UI	
3		Fundamentals of the drawings	
4		Draw menu-1	
5		Draw menu-2	
6		Dimensions menu	
		Midterm exam	
7		Text menu	
8		Auxiliary contents	
9		Steel building drawings	
10		Concrete building drawings	
11		Reinforcement drawings	
12		Drawings for other types of engineering fields	
		Final exam	