



Меѓународен Универзитет Визион - International Vision University Universiteti  
Ndërkombëtar Vizion - Uluslararası Vizyon Üniversitesi

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## SYLLABUS

COURSE NAME	COURSE CODE	SEMESTER	COURSE LOAD	ECTS
DESCRIPTIVE GEOMETRY	ARC -1004	1	150	5

<b>Prerequisite(s)</b>	None
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<b>Course Language</b>	Macedonian, Turkish, English
<b>Course Type</b>	Elective
<b>Course Level</b>	First Cycle
<b>Course Lecturer</b>	
<b>Course Assistants</b>	
<b>Classroom</b>	
<b>Extra Curricular Office Hours and Location</b>	<b>Meeting:</b> <b>Consultancy:</b>

<b>Course Objectives</b>	Teaching the two and three-dimensional geometric elements, the geometric configuration capabilities that can build infrastructure design, and the solution of the problem intersection. It aims to develop the ability to think in three dimensions.
<b>Course Learning Outcomes</b>	<ul style="list-style-type: none"> <li>• Having the ability to think in three dimensions.</li> <li>• The ability to solve a complex three-dimensional geometric problem.</li> <li>• Solutions of different positioning of objects and the projection of the intersection.</li> <li>• To solve the problems of the real size of the level and to provide a model infrastructure.</li> <li>• Solving problems of coded geometry, and to be able to make the sloping land arrangements.</li> </ul>
<b>Course Contents</b>	The concept of projection, point, right, level, accurate and specific identification of the plane and the surface intersections, projections on different objects, relationships and problems, expansions.

## WEEKLY SUBJECTS AND RELATED PREPARATION STUDIES

<b>Week</b>	<b>Subjects</b>	<b>Related Preparation</b>
1	The concept of projection, point, right, Explaining the concept of the plane.	Related Chapters of Course Sources
2	Recipe correct and Projections	Related Chapters of Course Sources
3	Definition and characteristics of the plane and Projections	Related Chapters of Course Sources
4	Relationships of objects, types, point and right	Related Chapters of Course Sources
5	Relationships between different objects	Related Chapters of Course Sources
6	The shadows of created and own objects	Related Chapters of Course Sources
7	Mid-term Exam	Related Chapters of Course Sources
8	Two points perspective	Related Chapters of Course Sources
9	Analysis of two points of the interior perspective	Related Chapters of Course Sources
10	Analysis of two points of the interior perspective	Related Chapters of Course Sources
11	Drawing interior with two escape point perspective	Related Chapters of Course Sources
12	Drawing outdoors with two escape point perspective	Related Chapters of Course Sources
13	Drawing interior with one point perspective	Related Chapters of Course Sources
14	Drawing outdoors with one point perspective	Related Chapters of Course Sources
15	Final Exam	Related Chapters of Course Sources

**ECTS / WORKLOAD TABLE**

Presentation / Seminar			
Hours for off-the-classroom study (Pre-study, practice)	14	3	42
Midterm Exam	1	12	12
Final examination	1	14	14
<b>Total Work Load</b>			
<b>ECTS</b>		<b>5</b>	

**GENERAL PRINCIPLE RELATED WITH COURSE**

Dear students,

In order to be included, learn and achieve full success that you deserve in the courses you need to come well prepared by reading the basic and secondary textbooks. We are expecting from you carefully to obey to the course hours, not to interrupt the lessons unless is very indispensable, to be an active participant on the courses, easily to communicate with the other professor and classmates, and to be interactive by participating to the class discussions. In case of unethical behavior both in courses or on exams, will be acting in framework of the relevant regulations. The attendance of the students will be checked in the beginning, in the middle or at the end of the lessons. Throughout the semester the students who attend to all lectures will be given 15 activity-attendance points in addition to their exam grades.

**SOURCES****COMPULSORY LITERATURE**

No	Name of the book	Author's Name, Publishing House, Publication Year
1	Tasarı Geometri	Düzgün, A., BirsenYayınevi, Birsen Yayınevi, 2009
2	Нацртна Геометрија	Д-р Василије Марцикиќ, Универзитет „Кирил и Методиј“, Скопје, 1976
3	Deskriptivna geometrija	Nice Vilko, Školska knjiga, 1988

**ADDITIONAL LITERATURE**

No	Name of the book	Author's Name, Publishing House, Publication Year
1	Tasarı Geometri Problemleri Cilt1, Cilt 2	Akın, S., Arı Kitabevi, İstanbul, 1967
2	Mimaride İzdüşüm Çizim Yöntemler	Türkçü, H. Ç., BirsenYayınevi, 2005
3	Mimarlıkta Teknik Resim	Şahinler, O., Kızıl F., Yay Yayıncılık, İstanbul, 1990

## EVALUATION SYSTEM

<b>Underlying the Assessment Studies</b>	<b>NUMBER</b>	<b>PERCENTAGE OF GRADE</b>
Attendance/Participation	15	%10
Project / Event	1	%20
Mid-Term Exam	1	%35
Final Exam	1	%35
<b>TOTAL</b>	<b>17</b>	<b>%100</b>

## ETHICAL CODE OF THE UNIVERSITY

In case of the students are cheating or attempt to cheat on exams, and in the case of not to reference the sources used in seminar studies, assignments, projects and presentations, in accordance to the legislations of the Ministry of Education and Science of Republic of Macedonia and International Vision University, will be applied the relevant disciplinary rules. International Vision University students are expected never to attempt to this kind of behavior.