



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
ARCHITECTURAL CONSTRUCTIONS 3	ARC-2003	4	180	6

<b>Prerequisite(s)</b>	None
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<b>Course Language</b>	Macedonian, Turkish, English
<b>Course Type</b>	Required
<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>	Presentation of basic information, details and principles of implementation of systems for the construction of massive structural systems, and roofs.
<b>Course Learning Outcomes</b>	<ul style="list-style-type: none"> <li>• General description to an application projects.</li> <li>• Can solve and develop each detail of a given comprehensive programmed architectural Project.</li> <li>• Can apply structural design to a building in consideration regarding with; security, environmental, building envelope and servicing issues.</li> <li>• Ability to express ideas about architecture and proposals about solutions of particular problems in written, verbal or visual forms, ability to share ideas with experts and others by supporting them with qualitative and quantitative data Following scientific and technological development.</li> </ul>
<b>Course Contents</b>	The aim in this study is to provide the student with the conscious and ability of synthesizing the environmental, spatial, structural, functional and aesthetical decisions that are essential for the construction of a building in a holistic manner.

## WEEKLY SUBJECTS AND RELATED PREPARATION STUDIES

<b>Week</b>	<b>Subjects</b>	<b>Related Preparation</b>
<b>1</b>	Building systems	Related Chapters of Course Sources
<b>2</b>	Massive construction systems and design principles	Related Chapters of Course Sources
<b>3</b>	Structural elements - walls	Related Chapters of Course Sources
<b>4</b>	Massive walls in one direction	Related Chapters of Course Sources
<b>5</b>	Massive walls in two directions	Related Chapters of Course Sources
<b>6</b>	Combined systems	Related Chapters of Course Sources
<b>7</b>	Mid-term Exam	Related Chapters of Course Sources
<b>8</b>	Flat roofs	Related Chapters of Course Sources
<b>9</b>	Flat roofs	Related Chapters of Course Sources
<b>10</b>	Sloping roofs	Related Chapters of Course Sources
<b>11</b>	Sloping roofs	Related Chapters of Course Sources
<b>12</b>	Sloping roofs	Related Chapters of Course Sources
<b>13</b>	Detailed drawing	Related Chapters of Course Sources
<b>14</b>	Roof details	Related Chapters of Course Sources
<b>15</b>	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>6</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	Gradevinske konstrukcije	Mitag, Belgrad, 1974
2		
3		

**ADDITIONAL LITERATURE**

No	Name of the book	Author's Name, Publishing House, Publication Year
1	Yapı 3	Murat Soygeniş, Birsen Yayın evi
2	Yapı 4	Murat Soygeniş, Birsen Yayın evi
3		

## 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.