

## Course Specification

**Course Code: ARCH 405**

**Course Title:  
Building laws and regulations**

### (1) Basic information

<b>Program Title</b>	Architecture & Urban Planning			
<b>Department offering the program</b>	Architecture & Urban Planning Department			
<b>Department offering the course</b>	Architecture & Urban Planning Department			
<b>Course Code</b>	ARCH 405			
<b>Year/level</b>	Second term 2023/2024 / third year			
<b>Specialization</b>	major			
<b>Teaching Hours</b>	Total	Practical	Tutorial	Lectures
	3	-	-	3
<b>Date of approval of Bylaw</b>	2008			

### (2) Course Aims

No.	Aims
1.	<p>The course aims to:</p> <ol style="list-style-type: none"> <li>1. Teach building laws and legislation.</li> <li>2. Train students to prepare full implementation documents for projects.</li> <li>3. Training on applications and examples of legal problems facing architects and methods of addressing them.</li> </ol> <p>(AIM 2&amp;5)</p>

### (3). Learning Outcomes of Course (LOs)

B2.1	Produce designs that meet building users' requirements through understanding the relationship between people and buildings, and between buildings and their environment; and the need to relate buildings and the spaces between them to human needs and scale.
B4.1	Transform design concepts into buildings and integrate plans into overall planning within the constraints of: project financing, project management, cost control and methods of project delivery; while having adequate knowledge of industries, organizations, regulations and procedures involved.

B5.1	Prepare design project briefs and documents, and understand the context of the architect in the construction industry, including the architect's role in the processes of bidding, procurement of architectural services and building production.
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(4). Course Contents					
Week No.	Topics	Lecture	Tutorial	Practical	Total
1	Introduction: roles , duties and responsibilities	3			3
2	Egyptian building laws and legislations	3			3
3	Egyptian building laws and legislations	3			3
4	Legal procedures for project permits	3			3
5	Legal procedures for project permits	3			3
6	Official documents associated with building projects	3			3
7	Official documents associated with building projects	3			3
8	Midterm Exam	3			3
9	Official documents associated with building projects	3			3
10	Design criteria for internal and external courts	3			3
11	Design criteria according the laws and legislations	3			3
12	Architectural applications covering urban control legislation in Egypt	3			3
13	Architectural applications covering urban control legislation in Egypt	3			3
14	Architectural applications covering urban control legislation in Egypt	3			3
15	Practical exam	3			3
16	Final Exam				
	Total	45			45

(5). Teaching and Learning methods	
No.	Teaching Method
1.	Demonstration method
2.	Discussion
3.	Educational Presentation
4.	Storytelling
5.	Problem Solving

(6). Teaching and Learning methods of Disabled Students		
No.	Teaching Method	Reason

1.	Peer Learning	
2.	Enhancement Lectures	

(7). Matrix of course Los with teaching and learning methods					
No.		Teaching and Learning method			
		lectures	Educational presentation	Interactive learning	Self-learning
LOS	<b>B2.1</b>	√	√		√
	<b>B4.1</b>	√		√	
	<b>B5.1</b>	√			√

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### (8). Students Assessment

#### (8.1) Students Assessment Method

No.	Assessment Method	Los
1	Fast Project	B2.1, B4.1
2	Mini project	B2.1, B4.1, B5.1.
3	Mid-term Exam	B2.1, B4.1
4	Final Discussion	B2.1, B4.1, B5.1.
5	Final Exam	B2.1, B4.1, B5.1.

#### (8.2) Assessment Schedule

No.	Assessment Method	Weeks
1	Attendance	Weekly
2	Mini project//Homework	Bi-weekly
3	Fast Project	N/A
4	Mid-term Exam	8
5	Final Discussion	15
6	Final Exam	16

#### (8.3) Weighting of Assessments

No.	Assessment Method	Weights %	Weights
1	Fast Project	5%	5
	Mini Project/Homework	10%	10
	Mid-term Exam	15%	15
	Individual Projects	20 %	20
2	Practical	0	0
3	Final Exam	50%	50
Total		100%	100

### (9). List of References

[1].	قانون ١١٩ لسنة ٢٠٠٨ ولائحة التنفيذية
[2].	قانون إتحاد الشاغلين ، قانون التصالح على مخالفات البناء

### (10). Facilities required for teaching and learning

1.	Studio Hall
2.	Data show
3.	Google Classroom
4.	White Board
5.	Library
6.	Internet

<b>(11). Matrix of Aims and LOs of the Course</b>			
N	Topics	Aims	LOs
1.	Introduction: roles , duties and responsibilities	-	
2.	Egyptian building laws and legislations	1:3	B2.1, B4.1,
3.	Egyptian building laws and legislations		
4.	Legal procedures for project permits		
5.	Legal procedures for project permits		
6.	Official documents associated with building projects		
7.	Official documents associated with building projects		
8.	Midterm Exam		
9.	Official documents associated with building projects	1:3	B2.1, B4.1, B5.1.
10.	Design criteria for internal and external courts		
11.	Design criteria according the laws and legislations		
12.	Architectural applications covering urban control legislation in Egypt		
13.	Architectural applications covering urban control legislation in Egypt		
14.	Architectural applications covering urban control legislation in Egypt		
15.	Final project	1:3	B2.1, B4.1, B5.1.
16.	Final Exam		

<b>(12). Matrix of Competencies/ Program LOs with Course LOs</b>			
No.	Competences/ Program LOs	No.	Course LOs
B2	Produce designs that meet building users' requirements through understanding the relationship between people and buildings, and between buildings and their environment; and the need to relate buildings and the spaces between them to human needs and scale.	B2.1	Produce designs that meet building users' requirements through understanding the relationship between people and buildings, and between buildings and their environment; and the need to relate buildings and the spaces between them to human needs and scale.

<b>B4</b>	Transform design concepts into buildings and integrate plans into overall planning within the constraints of: project financing, project management, cost control and methods of project delivery; while having adequate knowledge of industries, organizations, regulations and procedures involved.	<b>B4.1</b>	Transform design concepts into buildings and integrate plans into overall planning within the constraints of: project financing, project management, cost control and methods of project delivery; while having adequate knowledge of industries, organizations, regulations and procedures involved.
<b>B5</b>	Prepare design project briefs and documents, and understand the context of the architect in the construction industry, including the architect's role in the processes of bidding, procurement of architectural services and building production.	<b>B5.1</b>	Prepare design project briefs and documents, and understand the context of the architect in the construction industry, including the architect's role in the processes of bidding, procurement of architectural services and building production.

<b>Title</b>	<b>Name</b>	<b>Signature</b>
Course Coordinator	Assistant prof. Nader Ibrahim Ismael	
Head of Department	Assoc. Prof. Faysal Abou ElAzm	
Date of Approval	2023/ 2024	