



CENTRAL UNIVERSITY OF VENEZUELA  
Academic Vice-Rectorate  
Central Curriculum Commission  
Central Coordination of Undergraduate Studies



Date:	<b>REGISTRATION OF COURSES</b>	RESPONSIBLE OF REGISTRATION:
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AREA OF KNOWLEDGE	SUB-AREA	UNDERGRADUATE	POSTGRADUATE
<b>BASIC SCIENCES</b>			
ECONOMICS AND SOCIAL SCIENCES			
<b>HEALTH SCIENCES</b>			
<b>ENGINEERING, ARCHITECTURE AND TECHNOLOGY</b>	<b>Architecture</b>	<b>X</b>	
<b>EDUCATION SCIENCES</b>			
HUMANITIES AND ARTS			
<b>AGRICULTURAL AND SEA SCIENCES</b>			
<b>MILITARY ARTS AND SCIENCES</b>			
SAFETY AND CIVIL PROTECTION			
<b>INTERDISCIPLINARY</b>			
<b>OTHERS</b>			

**ADSCRIPTION OR BRANCH (ES):**

FACULTY	Architecture and Urbanism
SCHOOL	Architecture
INSTITUTE	
DEPARTMENT	Technology Sector
OTHERS	

**COURSE:**

NAME	STRUCTURAL DESIGN 96
CODE	2063
EXECUTIVE UNIT	
CLASSIFICATION	Compulsory
APPROVAL DATE	
UPDATE DATE	
APPROVAL AUTHORITY	
CREDIT UNITS	3 (Three)
HOURS/WEEK	4 (Four)
REGIMEN	Semi-Annual
ACADEMIC PERIODS	Regular
REQUIREMENTS	Construction Materials
PROFESSOR	Carolina Tovar



## PURPOSES

Lead to the comprehension of, the moment of relations between the things, circumstances and events that are in the multidirectional physic space. A geometry freed of the two-dimensional plane.

## LEARNING OBJECTIVES

To assume it as a special instrument which allows a better understanding between the chromatic phenomena spread in the space and time, both of ordered and sequential manner, as well as a spontaneous, free and open way.

Finally be able to govern better the multiple irregularities of chromatic fields.



## CONTENTS

### COLOR GEOMETRY

The geometry concept had suffered in time some distortions; in this experience of the Plastic Workshop we would take care of just two of them, resumed as following:

- a) Generally we associate the geometry to strokes over two-dimensional plans.
- b) The other limitation lies in the idea of geometry as the rigid "Cartesian grid", assumed as the only mechanism that governs the order of things.

Without those two limitations be incompatible as the colour world, we would like to realize in this teaching experience a series of explorations that goes beyond of the mentioned restrictions and to allow us to:

- 1) Understand geometry as the world of the relations between things, circumstances and events that happens in the multidirectional physic space freed of the two-dimensional plane.
- 2) Understand geometry as a special instrument which allows the comprehension between chromatic phenomena loose in the space and time, both of ordered and sequential manner as freed in the space; until be able to govern the multiple "irregularities" of chromatic fields.

Other topics to deal with:

- Intensity of the basic colours
- Closeness and overlapping of chromatic fields
- Tensions between chromatic surfaces and colour sparks
- Overlapped colours
- Isolated colours
- Combined colours
- Interrelated colours
- Ordered colours
- "Disordered" colours



### **EVALUATION**

The evaluation mechanism will be given during the experience through partial evaluations every two weeks, which will be taken as reference for the final evaluation.

### **TEXTBOOKS (If possible, according to contents)**