



# Course Specifications

<b>Course Title:</b>	<b>Theories of color</b>
<b>Course Code:</b>	<b>312AAD-3</b>
<b>Program:</b>	<b>Bachelor in Applied Arts</b>
<b>Department:</b>	<b>Applied Arts</b>
<b>College:</b>	<b>Faculty of Architecture &amp; Design</b>
<b>Institution:</b>	<b>Jazan University</b>

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## A. Course Identification

<b>1. Credit hours:</b>
<b>2. Course type</b>
a. University <input type="checkbox"/> College <input type="checkbox"/> Department <input checked="" type="checkbox"/> Others <input type="checkbox"/>
b. Required <input checked="" type="checkbox"/> Elective <input type="checkbox"/>
<b>3. Level/year at which this course is offered:</b>
<b>4. Pre-requisites for this course (if any):</b>
<b>5. Co-requisites for this course (if any):</b>

### 6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom- practical	4	100%
2	Blended		
3	E-learning		
4	Correspondence		
5	Other		

### 7. Actual Learning Hours (based on academic semester)

No	Activity	Learning Hours
<b>Contact Hours</b>		
1	Lecture	2X15=30
2	Laboratory/Studio	2X15=30
3	Tutorial	0
4	Others (specify)	3
	<b>Total</b>	63
<b>Other Learning Hours*</b>		
1	Study	2X15=60
2	Assignments	4
3	Library	3
4	Projects/Research Essays/Theses	1X15=15
5	Others(specify)	3
	<b>Total</b>	55

\*The length of time that a learner takes to complete learning activities that lead to achievement of course learning outcomes, such as study time, homework assignments, projects, preparing presentations, library times

## B. Course Objectives and Learning Outcomes

### 1. Course Description

The decision deals with theoretical and applied aspects of the science of color and divided into two sides: Theoretical aspects of color, and the other is based on the work of scientific studies of various artistic projects in the field of Color and color's importance as an important element of design elements in building the artwork in the Visual environment the aesthetic surroundings

### 2. Course Main Objective

This course aims to provide students with theoretical and applied aspects of the science of color, as the course is divided into two main sections; the first one which offers a general background of the theoretical aspects of color, and the other which based on providing scientific studies for various art projects in the field of color. This course seeks to state the importance of color as an important element of the design in building the artwork, and in realizing, visually, the aesthetic values of surrounding environment.

### 3. Course Learning Outcomes

CLOs		Aligned PLOs
1	<b>Knowledge:</b>	
1.1	<b>Demonstrate color Hue , value and saturation</b>	K1
1.2	<b>Differentiate the color wheel , color scheme</b>	K2
2	<b>Skills :</b>	
2.1	<b>Analyze the stages of emergence and evolution of color theories,</b>	S1
2.2	<b>Create re-design artworks that are based on studying different color theories and color harmony</b>	S2
2.3	<b>Analyze All Color Terms &amp; Color terminology</b>	S3
2.4	<b>Interpret the different tools and computer in the production of color theories and color harmony</b>	S4
2.5	<b>Prepare re-design using art tools and some specialized programs for color theories and color harmony.</b>	S5
3	<b>Competence:</b>	
3.1	<b>Create the design ideas to solve the problem according to the foundations of color theories and Color terminology</b>	C1
3.2	<b>Display potential for management of complex activities with the related of color theories disciplines</b>	C2

## C. Course Content

No	List of Topics	Contact Hours
1.	The color and light.	4
2.	The optical awareness of color.	4
3.	The color systems and their evolution.	4
4.	Theories of color (Yitzhak newton, Albert Mensel, and RYB).	4
5.	The contrasts and integration in colors.	4
6.	The adjacency and phasing of color values.	4
7.	Color models.	4
8.	Color model ladder	4
9.	The additive and subtractive colors	4
10	HSV/HSB model	4
11	RGB model	4
12	CMYK model -Lab model	4

13	Patterns of color integration	4
14	The Normal integration -The Additive and subtractive integrations	4
15	Output and difference integrations The integration by color value, color saturation, and color brightness	4
<b>Total</b>		<b>60</b>

## D. Teaching and Assessment

### 1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
<b>1.0</b>	<b>Knowledge</b>		
1.1	Demonstrate color Hue , value and saturation	Lectures. - The workshops. - Discussion of the wave. -Seminars	- Objective test by T.S.T -The Student Achievement Files. -Practical exercises.
1.2	Differentiate the color wheel , color scheme		
<b>2.0</b>	<b>Skills :</b>		
2.1	Analyze the stages of emergence and evolution of color theories,	- Brainstorming. - Self-education - practice - Self-education	- MCQ - Objective test by T.S.T -The Student Achievement Files. -Practical exercises.
2.2	Create re-design artworks that are based on studying different color theories and color harmony		
2.3	Analyze All Color Terms & Color terminology		
2.4	Interpret the different tools and computer in the production of color theories and color harmony		
2.5	Prepare re-design using art tools and some specialized programs for color theories and color harmony.		
<b>3.0</b>	<b>Competence:</b>		
3.1	Create the design ideas to solve the problem according to the foundations of color theories and Color terminology	Guidance to the work of Design Sketches. - Cooperative education. - Peer Education	- Objective test by T.S.T -The Student Achievement Files. -Practical exercises.
3.2	Display potential for management of complex activities with the related of color theories disciplines		

### 2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Practical Exercises (all in student portfolio)	Weekly	20%
2	Periodic exams (twice per semester)	6-10	20%
3	the final projects	12-14	20%
4	Final exam (practical and theoretical)	15	40%

\*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

## E. Student Academic Counseling and Support

**Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice**

- Individual consultations and academic advise is supposed to allocate minimum of 6 hour per week
- Tutorial for weak students is supposed to allocate minimum of 4 hour per week

## F. Learning Resources and Facilities

### 1. Learning Resources

Required Textbooks	Contemporary Color Theory & Use, 2012 Steven Bleicher, مذكرة أستاذ المقرر
Essential References Materials	- Color Theory A Guide to Color From Basic Principles to Practical, 2012 – Rolf G. Kuehni, Color An Introduction to Practice and Principles, 2012
Electronic Materials	<ul style="list-style-type: none"> <li>• <a href="http://en.wikipedia.org/wiki/Color">http://en.wikipedia.org/wiki/Color</a></li> <li>• <a href="http://en.wikipedia.org/wiki/Color_term">http://en.wikipedia.org/wiki/Color_term</a></li> <li>• <a href="http://color.method.ac/">http://color.method.ac/</a></li> </ul>
Other Learning Materials	<u>Adobe Photoshop</u>

### 2. Facilities Required

Item	Resources
<b>Accommodation</b> (Classrooms, laboratories, demonstration rooms/labs, etc.)	Classrooms containing 30 Drawing tables & 30 chairs
<b>Technology Resources</b> (AV, data show, Smart Board, software, etc.)	- 1 Projector -1 laptop.
<b>Other Resources</b> (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	Not required

## G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods	
		indirect method	direct method
Effective of Teaching and assessment	Students Peer Reviewer or <b>Head of Department</b>	- On line system course survey	Peer OR Head of Department observation
Quality of Learning resources	Students Peer Reviewer or <b>Head of Department</b>	- On line system course survey	Peer OR Head of Department observation
Achievement of course learning outcomes	Students Peer Reviewer or <b>Head of Department</b>	Course LO survey	Peer OR Head of Department observation

**Evaluation areas** (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

**Evaluators** (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

**Assessment Methods** (Direct, Indirect)

## H. Specification Approval Data

Council / Committee	
Reference No.	
Date	

