



# Course Specification

— (Bachelor)

Course Title: **Working Drawing Documents (1)**

Course Code: **DEG 222**

Program: **Architecture**

Department: **Architecture**

College: **Architecture and Planning**

Institution: **Qassim University**

## 1. Course Identification

### Course general Description:

This course is concerned with teaching the student to make complete and clear working drawings of one of the buildings studied in the previous architectural design studio, and to understand the basic principles used in selecting suitable finishing materials and writing general specifications for them.

### Course Main Objective(s):

In this course, the students will:

- Enabling the vocabulary of working drawings as a language spoken by all those involved in the field of building constructing.
- Develop the skill of choosing the appropriate structural system for the building.
- Develop the skills of selecting suitable building materials for each building as well as the appropriate finishing materials for the intended use of this building.

## 2. Course Learning Outcomes (CLOs)

Code	Course Learning Outcomes	Code of CLOs aligned with program
<b>1.0</b>	<b>Knowledge and understanding</b>	
1.1	Understanding how to present architectural concept in working drawings format.	K-1
1.2	Understanding how to put the structural system as one of the principles to design a building.	K-1
1.3	Understanding how to make a suitable combination between finishing materials in one building.	K-1
<b>2.0</b>	<b>Skills</b>	
2.1	Train students to draw the studied working drawings using approved drawing programs according to the international specifications.	S-3
2.2	Train students on printing skills according to international standards so that the printed become readable and clear.	S-4
<b>3.0</b>	<b>Values, autonomy, and responsibility</b>	
3.1		



### 3. Students Assessment Activities

No	Assessment Activities *
1.	Attendance and Participation
2.	Assignment (1) - Working drawings Ground Floor Plan.
3.	Assignment (2) - Working drawings First Floor Plan.
4.	Assignment (3) - Working drawings Roof Floor Plan.
5.	Assignment (4) - Working drawings Basement Floor Plan.
6.	Assignment (5) - Working drawings Staircase (Plans).
7.	Assignment (6) - Working drawings Staircase (Section).
8.	Assignment (7) - Working drawings Sections.
9.	Assignment (8) - Working drawings Elevations.
10.	Assignment (9) - Working drawings Midterm Exam
11.	Assignment (10) - Working drawings Site plan/ Layout.
12.	Assignment (11) - Models of Doors & Windows with classifications.
13.	Final Project.

### 4. Learning Resources and Facilities

<b>Essential References</b>	هشام حسن على، "التصميمات التنفيذية (1)"، جامعة أسيوط، كلية الهندسة، قسم الهندسة المعمارية، 2010 م. المؤسسة العامة للتدريب التقني والمهني، الإدارة العامة لتصميم وتطوير المناهج، "رسومات تنفيذية - 1"، المملكة العربية السعودية، 2008 م. المؤسسة العامة للتدريب التقني والمهني، الإدارة العامة لتصميم وتطوير المناهج، "رسومات تنفيذية - 2"، المملكة العربية السعودية، 2008 م. المؤسسة العامة للتدريب التقني والمهني، الإدارة العامة لتصميم وتطوير المناهج، "نظم الإنشاءات"، المملكة العربية السعودية، 2008 م. مجدي تمام، "التصميمات والرسومات التنفيذية"، الأكاديمية البحثية للهندسة والتكنولوجيا، القاهرة، 2005 م.
<b>Supportive References</b>	Keith Styles, Andrew Richard "Working Drawing Handbook ", Fourth Edition., Biddies Ltd, King Lynn, Norfolk., ISBN 075063723, 2004.
<b>Electronic Materials</b>	None
<b>Other Learning Materials</b>	Illustrated lectures and scientific material prepared according to the PowerPoint program.