

Course name: WORKING DRAWING DOCUMENTS (1)

Course code: DEG 222

Course hours: Credit hours 4, Contact hours 6

Course Pre-requisites: ARCH 121

Course 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

In this course, the students will be to:

- Enable 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.

Course Learning Outcomes

After the completion of this course, the students will be able to;

- Understanding how to present architectural concept in working drawings format.
- Understanding how to put the structural system as one of the principles to design a building.
- Understanding how to make a suitable combination between finishing materials in one building.
- The performance of the graphics works perfectly
- How are the printouts must be readable and very clear?
- Demonstrate full workshop drawing and building services

Course evaluation

- Quizzes, practical assignments
- Weekly/biweekly reviews
- Midterm examination
- Attendance
- Final examination

Course recommended books

- David Kent ballast, 2014, Interior Construction& Detailing for designers & architects.
- Keth styles, Working Drawings Handbook.

Course References

- Saudi Building Code National Committee, 2007.