

**KING FAHD UNIVERSITY OF PETROLEUM & MINERALS  
COLLEGE OF ENVIRONMENTAL DESIGN  
DEPARTMENT OF ARCHITECTURE**

**ARC 426 PROFESSIONAL PRACTICE**

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**Catalog Description:**

The course introduces knowledge required for a success career in architectural practice or employment. The course is divided into three parts:

1. The first part discusses the training and role in society of architects. This covers academic and professional training; career choices, lives as professionals and professional ethics.
2. The second part discusses the organization and management of architectural firms and covers firm formation and organization, marketing of services, management and dynamics.
3. The last part deals with Project administration. It covers project conception and acquisition; project management; design services, parameters and documentation; and contract administration.

The course highlights practices in Saudi Arabia and compares them with international practices.

**Course Objectives:**

The course to achieve the following for each student:

1. Develop understanding of the complex relationship of the practicing architects role in offices, construction sites, and agencies, which influence his profession in Saudi Arabia
2. Provide knowledge of the legal responsibilities of the architect as related to government agencies and private institutions.

3. Prepare of foundation for managing design and supervising projects, scheduling, budgeting and performance evaluating, establishing future direction and development, leadership styles and client relations
4. Explain the architect's code of ethics and potential conflicts of interest.
5. Explain the various legal steps and measures the future architect should consider in order to be eligible to register and practice in Saudi Arabia.

#### **Course Organization:**

- This course deal with the realities of the architectural practice in Saudi Arabia. Therefore, it is essential that during the course of the semester multiple visits will be arranged to ongoing projects sites and number of carefully selected guest will be invited to lecture and share their views in practice.
- It is also an absolute necessity to meet with architects, administrative managers, engineers, and possibly some clients during the site visits. This will create a hands-on experience and will generate discussion.
- The course will depend heavily on students' participation in class. In-Class seminar format discussion is very essential and will form the bases for this course.

#### **Course Contents:**

- Each week there will be two lectures covering one or two topics, starting with role of the architect in society, getting involving in the architecture profession, and putting emphasis on the organization and management of architectural construction field as project manager.
- The third class of each week will be special topic class where a project site or architectural office will be visited. The class then will have the chance to meet the contractor, architect, and consultant team of the project. As result of each visit, each student required to submit short paper **(Positive and negative – professional Practice)**.

## **Attendance**

- Each student is expected and required attend all classes.
- Attendance requirements are based upon the current KFUPM Undergraduate Bulletin.
- 10 minutes late will be considered absent.
- Late of less than 5 minutes will be marked as Late; two late (s) will cause one absent.
- 0 – 4 unexcused absences = 0% reduction – final grade not affected
- 5 unexcused absences = 2% reduction
- 6 unexcused absences = 4% reduction
- 7 unexcused absences = 6% reduction
- 8 unexcused absences = 8% reduction
- 9 unexcused absences = 10% reduction
- 10+ unexcused absences = failing grade (DN)

## **Quizzes**

Pop exams; it should not take more than 10 minutes. All what you need to complete quizzes is attending classes.

## **Midterm**

Midterm exam will be written comprehensive exam covering all previous topics. The midterm exam will be during class time on Monday March 20, 2006

## **Short Paper (Positive and negative – professional Practice)**

Each student is required to write fifteen different papers attacking fifteen different Professional Practice topics that are related to the visited Projects. Each short paper worth 1 % of the final grade; it must be divided into three parts; positive, negative, and why it is (not) professional. The paper must be submitted in the format that will be given to you. Each short paper would not be more than two pages as maximum.

The visit will be the Wednesdays of all weeks except the first week where the visit will be on Thursday 16<sup>th</sup> of February, 2006

The paper submission will be on the beginning of the next Wednesday

In the end of the semester, all papers must be compiled in report format where up to 5% can be added to

## **Term Paper**

Each student must

1. Select topic that is related to profession of architecture. (By Saturday March 4<sup>th</sup>, 2006)
2. Gather information about the existing situation
3. Explore the ideal practice in the topic according to other market or references
4. Compare between both and evaluate the existing situation.
5. Give suggestion and predict the future.

These are some topics that you may select from; you can create your own topic:

- Role of architects in society
- Professional ethics
- Organization and management of architectural firms
- Marketing and advertising of architectural services
- Project managing and administrating

Submission of the paper will be divided into four stages as follow

- |   |                          |
|---|--------------------------|
| 1. Saturday 4 <sup>th</sup> of March 2006   | Topic Selected/submitted |
| 2. Monday 3 <sup>rd</sup> of April, 2006    | Existing Situation       |
| 3. Saturday 29 <sup>th</sup> of April, 2006 | Ideal Situation          |
| 4. Monday 22 <sup>nd</sup> of May, 2006     | Comparison/Suggestion    |

In the final submission day (4), you must be ready for presentation that will take place on Saturday and Monday 28<sup>th</sup> and 30<sup>th</sup> of May, 2005.

2006

### **Final Exam**

It will be a comprehensive Exam for all covered topics on June 3<sup>rd</sup>, 2006 at 7:30 pm in room 405/19.

### **Grades Distributions**

Attendance .....	10%
Quizzes .....	05%
Participation and Personal Quality	05%
Midterm Exam .....	20%
Short papers .....	20%
Term Paper .....	20%
Final Exam .....	20%