



Department of Water Resources Engineering

College of Engineering

Salahaddin University – Hawler

Subject: Elective (application used in project Management)

Course Book –Year 4

Lecturer's name: ARKAN HAMZA IBRAHIM

Academic Year: 2020 -2021

Course Book

1. Course name	Construction Management
2. Lecturer in charge	ARKAN HAMZA
3. Department/ College	
4. Contact	e-mail:arkan.ibrahim@su.edu.krd
5. Time (hr. / week)	Theory: 2
6. Office hours	
<p>7. Course overview:</p> <p>Student is introduced to applications used in project management as a professional service that provides a project's owner(s) with effective management of the project's schedule, cost, quality, safety, scope, ethics and function. Like Autodesk auto-cad civil drawings, Gantt chart for time schedule and Microsoft excel for Bill of quantity.</p> <ul style="list-style-type: none"> • Introuction • Application used in project managment • Plan drawing using autocad. • Civil drawings. • Time schedule using Gantt Chart. • BOQ using Microsoft Excel for Project cost estimation and control. • Project project software. • Project planning and scheduling processes. 	
<p>8. Course Objective:</p> <p>Give information about Applications used in project management as effective management of the project's schedule, cost, quality, safety, scope and function.</p>	
<p>9. Student's Obligation</p> <p>1- The attendance at least 28 weeks in a year.</p>	

- 2- Completion of all home works.
- 3- Report every week.
- 4- Two semester exams

10. Forms of Teaching

Different forms of teaching will be used to reach objectives of the course: worksheet will be designed to let the chance for practicing on several aspects of the course in the classroom.

To get the best of the course, it is suggested that you attend classes as much as possible, read the required lectures, teaching notes regularly as all to them are foundations for the course Lecture's are for supporting and not for submitting the reading material including the handouts. Try as much as possible to participate in classroom discussions preparing the assignment given the course, same time use data show.

11. Assessment Scheme

The students are required to do "2" closed book exam each one has 13 marks, the home works, daily exams and classroom activities count 4 marks, practice 10 marks, there will be a final exam on 60 marks.

12. Course Reading List:

- 1- " Engineering Surveying", by W. Schofielf and M. Breach.
- 2- " Surveying for construction ", by William Irvine and Finelay Mclennan.
- 3- " Elementary Surveying", by Paul R. wolf and Russell C. Brinckler.

26 Weeks: From the 15th of October to 15th of May

1st Week	Introduction
2nd Week	----
3rd Week	Application used in project managment
4th Week	Plan drawing using autocad.
5th Week	Plan drawing using autocad.

6th Week	Plan drawing using autocad.
7th Week	Civil drawings autocad.
8thWeek	Civil drawings autocad.
9th Week	Civil drawings autocad.
10th Week	Civil drawings autocad.
11th Week	Time schedule using Gantt Chart.
12th Week	Time schedule using Gantt Chart.
13th Week	BOQ using Microsoft Excel for Project cost estimation and control
14th Week	BOQ using Microsoft Excel for Project cost estimation and control
15th Week	Tutorials
16th Week	Project project software.
17th Week	Project project software.
18th Week	Tutorials
19th Week	Project planning and scheduling processes.
20th Week	Project planning and scheduling processes.
21st Week	Project planning and scheduling processes.
22nd Week	Tutorials

23rd Week	Tutorials
24th Week	2 nd exam
25th Week	Project Implementation procedures
26th Week	Tutorials
27th Week	Tutorials
28th Week	Final exam