هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission

2023
TP-153

Course Specification
(Bachelor)

Course Title:	Graduation project II
Course Code:	*SE497*
Program:	Surveying Engineering
Department:	*Civil Engineering*
College:	*College of Engineering*
Institution:	*King Saud University*
Version:	*Course Specification Version Number 2*
Last Revision Date:	*27-8-2023*

Table of Contents

A. General information about the course:

1. Course Identification

1. Credit hours: (2)					
2. Course type					
A.	☐University	☐College	X Department	☐Track	☐Others
B.	X Required		☐Elective		
3. Level/year at which this course is offered: (10th level)					
4. Course general Description:					
The student must accomplish a 2-semester-project in any major fields of surveying (the project must include field work &/or field data in addition to associated computations & assessment); an integrated report detailing each step of the project must be provided by the student & approved by the project supervisor & the examiners after presentation of the project.					
5. Pre-requirements for this course (if any):					
Graduation Project SE 496					
6. Pre-requirements for this course (if any):					
7. Course Main Objective(s):					
provide the students with the experience of executing a surveying project through its different stages and present it in a written report as well as oral presentation.					

2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	20 hr	67%
2	E-learning		
3	Hybrid • Traditional classroom • E-learning		
4	Distance learning	10 hr	33%
5	**Others** (specify): Lab, Field and Site Visits		

No	Activity	Contact Hours
1.	**Lectures**	20 hr
2.	**Laboratory/Studio**	
3.	**Field**	
4.	**Tutorial**	
5.	**Others (specify): Lab, Field and Site Visits**	10 hr
Total		30 hr

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs	Teaching Strategies	Assessment Methods
1.0	**Knowledge and understanding**			
1.1				
2.0	**Skills**			
2.1	Present written Report and oral discussion	S3	Group Discussion with supervisor	Mid and Final Exam by examiners and assessment of work and report by supervisor
3.0	**Values, autonomy, and responsibility**			
3.1	Conduct Data collection using appropriate surveying engineering techniques	V4	Lectures, Group field or lab work	Mid Exam by examiners and assessment of work by supervisor
3.2	Carry out data processing, computations, results analysis, interpretation and conclusions	V3	Lectures and discussion with supervisor	Mid and Final Exam by examiners and assessment of work and report by supervisor
...				

C. Course Content

No	List of Topics	Contact Hours
1.	Completion of data collection	6
2.	Data processing, analysis and interpretation of results	12
3	Production of required relevant output	4
4	Written Report and Oral presentation to be presented to supervisors and	8
5		

3. Contact Hours (based on the academic semester)

Total	30

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Continuous evaluation by supervisor	1st to 14th	50
2.	Mid Exam – presentation and oral exam	12th	20%
3.	Final Exam – presentation and oral exam	As scheduled	30%
4.			
5.			

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	This depends on capstone project topics
Supportive References	
Electronic Materials	
Other Learning Materials	

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	
Technology equipment (projector, smart board, software)	
Other equipment (depending on the nature of the specialty)	

D. Students Assessment Activities
F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students	Course evaluation at the end of the course. (Indirect)- through Course Evaluation Survey-OBE
	Faculty	Assessment of the student performance in the course. (Indirect)
	Program leaders	Periodic self- assessment of the program by quality committee of the department to evaluate the course materials and sample works of students (Indirect)
Effectiveness of Students assessment	Peer Reviewer	Periodic self- assessment of the exam by the vice deanship of quality and development to evaluate the appropriateness of the final exams (Indirect)
	Faculty	Direct assessment through OBE
	Student	Indirect assessment through-Course Evaluation Survey-OBE
Quality of learning resources	Students	Students feedback on the effectiveness of learning resources (indirect) through Survey in OBE
	Faculty	Indirect assessment, through faculty survey
The extent to which CLOs have been achieved	Faculty	Assessment of student grades in achieving the course leaning outcomes and Program Learning Outcomes (direct) through OBE
	Student	Indirect assessment through Course Learning Outcome Survey in OBE
Other		

Assessors (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

Assessment Methods (Direct, Indirect)

G. Specification Approval

COUNCIL /COMMITTEE	Civil Engineering Department (CED) Council Meeting
REFERENCE NO.	8th CED Council Meeting, 1st Semester 1443H
DATE	26/4/1443H – 1/12/2021G