



Course Specification

— (Bachelor)

Course Title: Training field

Course Code: ASDM 433

Program: Applied Statistics & Data Management

Department: Mathematics

College: College of Science

Institution: Majmaah University, Saudi Arabia

Version: 2023

Last Revision Date: 2023



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A. General information about the course:

1. Course Identification

1. Credit hours: (.....)

3(2+2)

2. Course type

A. University College Department Track Others

B. Required Elective

3. Level/year at which this course is offered: (Level:12/ 4th year.)

4. Course general Description:

The Training field aims to connect students with professional experience as trainees in Statistic and data management.

5. Pre-requirements for this course (if any):

Pass in the preceding 11 levels

6. Co-requisites for this course (if any):

7. Course Main Objective(s):

In this course, the students will be to:

- Understand basic principles and legal aspects of practice regulation, business planning, time and project management, mediation and arbitration.
- Understand the role of training in obtaining licensing, registration, rights and mutual responsibilities between trainees and employers.
- Ability to identify diverse talents in project design teams, share overlapping roles in professional application and work in collaboration with other team spirit students.
- Understanding contract negotiation, personnel management, selection of consultants and recommendations on project implementation and service contract forms.

2. Teaching mode (mark all that apply)



No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	30	50%
2	E-learning		
3	Hybrid <ul style="list-style-type: none"> • Traditional classroom • E-learning 		
4	Distance learning	30	50%

3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	30
2.	Laboratory/Studio	
3.	Field	
4.	Tutorial	
5.	Others (specify)	30
Total		60

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

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Apply the knowledge and theoretical methods in practical real-world problems	K2	Training student in a company. Weakly discussions with the trainer. Weakly discussions with the supervisor. Practice on writing reports	Evaluation of the trainer. – Supervisor evaluation. – Evaluation of the student final report – Oral Presentation
1.2	Explore the work environment and its	K2	Training student in a company. Weakly	Evaluation of the trainer.





Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
	complexity before graduation		discussions with the trainer. Weakly discussions with the supervisor. Practice on writing reports	– Supervisor evaluation. – Evaluation of the student final report – Oral Presentation
...				
2.0	Skills			
2.1	Take responsibility, adhere to deadlines and respect regulations and laws	S2	Training student in a company. Weakly discussions with the trainer. Weakly discussions with the supervisor. Practice on writing reports	Evaluation of the trainer. – Supervisor evaluation. – Evaluation of the student final report – Oral Presentation
2.2	Write a technical report	S2	Training student in a company. Weakly discussions with the trainer. Weakly discussions with the supervisor. Practice on writing reports	Evaluation of the trainer. – Supervisor evaluation. – Evaluation of the student final report – Oral Presentation
...				
3.0	Values, autonomy, and responsibility			
3.1	Identify requirements for an efficient solution of a real-world problem while taking different technical constraints into account	V2	Training student in a company. Weakly discussions with the trainer. Weakly discussions with the supervisor.	Evaluation of the trainer. – Supervisor evaluation. – Evaluation of the student final report





Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
			Practice on writing reports	– Oral Presentation
3.2	Work in groups and deal well with others	V2	Training student in a company. Weakly discussions with the trainer. Weakly discussions with the supervisor. Practice on writing reports	Evaluation of the trainer. – Supervisor evaluation. – Evaluation of the student final report – Oral Presentation
...				

C. Course Content

No	List of Topics	Contact Hours
1.	To be determined by the supervisor and student	60
Total		60

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Assignment 1 - The first monthly report	4 week	20%
2.	Assignment 2 - The Second monthly report	8week	20%
3.	Field Advisor Assessment – Attendance	9week	5%
4.	Field Advisor Assessment – Student evaluation	10week	5%
5.	Final Report	10week	30%
6.	Student presentation	10week	20%

*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	To be determined by the supervisor and student
Supportive References	Self-learning via attending the training course
Electronic Materials	
Other Learning Materials	

2. Required Facilities and equipment

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

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students/ committee internal	Direct (Students evaluation electronically organized by Deanship of registration and admission)/ Verification of students' papers
Effectiveness of Students assessment	Staff members (Peer Reviewer)	Indirect (Frequent meetings consultation among the teaching staffs)
Quality of learning resources	Staff members (Peer Reviewer)	Indirect (Frequent meetings consultation among the teaching staffs)
The extent to which CLOs have been achieved	Staff members (Peer Reviewer)	Direct (Meeting between course coordinators and the tutors)
Other		

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

Assessment Methods (Direct, Indirect)

G. Specification Approval

COUNCIL /COMMITTEE	
REFERENCE NO.	





DATE

