هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission

2023
TP-153

Course Specification
(Bachelor)

Course Title:	Field Training
Course Code:	495-MEC-3
Program:	Bachelor of Science in Engineering
Department:	Mechanical Engineering
College:	College of Engineering
Institution:	Najran University
Version:	1.0
Last Revision Date:	27 February 2024

Table of Contents

A. General information about the course:

1. Course Identification

1. Credit hours: (3)					
2. Course type					
A.	☐University	☐College	☒ Department	☐Track	☐Others
B.	☒ Required		☐Elective		
3. Level/year at which this course is offered: (Fifth Year \ Level 11)					
4. Course general Description:					
This field training is intended to provide students with an opportunity to use the knowledge and skills learned in the program in an actual work setting. Also, it is intended to be both practical and educational and should include teamwork activities.					
5. Pre-requirements for this course (if any)**:**					
Level 8					
6. Co-requisites for this course (if any)**:**					
NIL					
7. Course Main Objective(s):					
The course allows students to integrate knowledge and skills gained during their study in the program and apply it in the field. In addition, students will be exposed to actual work environment and real time problems where they should apply critical thinking techniques to identify problems, discover possible solutions, as well as consult with supervisors. Describe the major student activities taking place during the field experience.					

2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom		NA
2	E-learning		
3	Hybrid • Traditional classroom • E-learning		
4	Distance learning		

3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	**Lectures**	
2.	**Laboratory/Studio**	120
3.	**Field**	
4.	**Tutorial**	
5.	**Others (specify)**	
Total		120

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**			
2.0	**Skills**			
2.1	Apply design concepts and skills learned from previous courses in the fieldwork to solve problems related to Mechanical Engineering.	2	•Independent learning	•Evaluation of field training reports
2.2	Analyze and interpret the machine drawings and its operations.	6	•Cooperative learning	•Oral examination
3.0	**Values, autonomy, and responsibility**			
3.1	Deliver and present the work field reports effectively through written and oral communication.	3	•Independent learning •Cooperative learning	•Oral examination
3.2	Communicate effectively within the working environment in a teamwork.	5	•Independent learning •Cooperative learning	•Oral examination

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
3.3	Follow safety regulations and professional responsibility in the fieldwork and office work to make proper judgements.	4	•Independent learning •Cooperative learning	•Oral examination

C. Course Content

No	List of Topics	Contact Hours
1.	The listed topics are generally covered in the field but the exact course or program a student will be assigned is based on the requirements of the training organization.	
2.	Related To Training choose in which area	
	Total	**240**

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Final training report	8th week	20%
2.	Defense of training	8th week	20%
3.	Supervisor of training	Weekly	20%
4.	Training Evolution (Form No. 4)	8th week	20%
5.	Logbook	Weekly	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	NA
Supportive References	Depends on the instructions from the company's supervisors based on the related task in the company.
Electronic Materials	NA
Other Learning Materials	NA

2. Required Facilities and equipment

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

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of training and assessment	-Students -company's supervisors	-A questionnaire is administered upon completing the course. -Open discussion for the students during the semester to recognize their weak points in the course
Extent of students' achievement of course learning outcomes	Academic supervisor	CLOSO program
Improvement of field training	-Students -company's supervisors	-Learning from students' feedback -Learning from the company's supervisors' feedback
Quality of learning resources	-Students	The questionnaire is administered by the end of every semester
Verifying standards of student achievement	-Program leader -Academic supervisor	Check student's marks by the program leader of a sample of student work.

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

Assessment Methods (Direct, Indirect)

G. Specification Approval

COUNCIL /COMMITTEE	**DEPARTMENT OF MECHANICAL ENGINEERING**
REFERENCE NO.	
DATE	**27/02/2024**