The University of Jordan
School of Engineering

Department	Course Name	Course Number	Semester
Aircraft Maintenance Engineering	Maintenance Practice IV: Work Experience	0994451	Fall

2025 Course Catalog Description

Performing many types of tasks related to aircraft systems.

Instructors

Name	E-mail	Sec	Office Hours		Lecture Time	
			Sunday	Tuesday		
MEng. Aasef Hamadneh	ahamadneh@joramco.com.jo		1:00-2:00	1:00-2:00		

Prerequisites

Prerequisites by topic	-
Prerequisites by course	-
Co-requisites by course	Materials Science for Aeronautical Engineers: 0994471
Prerequisite for	-

Mapping of Course Outcomes to ABET Student Outcomes

SOs	Course Outcomes
4	Carrying out many practical tasks on various aircraft systems at maintenance hangar.

Evaluation

Assessment Tools	Expected Due Date	Weight
Project Progress Reports		50%
Final Report	The end of semester	50%

Contribution of Course to Meet the Professional Components

Relationship to Student Outcomes

SOs	1	2	3	4	5	6	7
Availability				X			

Relationship to Aeronautical Engineering Program Objectives (AEPOs)

AEPO1	AEPO2	AEPO3	AEPO4	AEPO5

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ABET Student Outcomes (SOs)	
1	An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
2	An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
3	An ability to communicate effectively with a range of audiences
4	An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
5	An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
6	An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
7	An ability to acquire and apply new knowledge as needed, using appropriate learning strategies
Updated by Curriculum Committee, 2025	