

The University of Jordan
School of Engineering



Department	Course Name	Course Number	Semester				
Aircraft Maintenance Engineering	Work Experience 7	0994555	Summer				
2025 Course Catalog Description							
Performing many types of tasks related to aircraft systems.							
Licensing Module 1: Mathematics: Arithmetic, Algebra, Geometry.							
Licensing Module 2: Physics 1: Matter, Mechanics.							
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			
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	