

The University of Jordan
School of Engineering



| Department | Course Name | Course Number | Semester | | | | |
|---|---|---------------------|--------------|-----------|--------------|-------|---|
| Aircraft Maintenance Engineering | Work Experience 6 | 0994554 | Spring | | | | |
| 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 | | | |
| 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 | |