



Jordan University of Science and Technology
Faculty of Engineering
Aeronautical Engineering Department

AE490 Engineering Training - JNQF Level: 7

First Semester 2023-2024

Course Catalog

3 Credit Hours. Eight weeks of practical training in an institution (university, company, etc.) that is accredited by the aeronautical engineering department and faculty of engineering at JUST for training purposes in the field of aeronautical engineering, The training should be under the supervision of a staff member, Students have to submit a report about their achievements during training in addition to any other requirements assigned by the department.

Instructor

Name	Dr. Ahmad Al Shyyab
Office Location	M5 L2
Office Hours	Sun : 09:30 - 10:30 Mon : 09:30 - 11:30 Tue : 09:30 - 10:30 Wed : 09:30 - 11:30
Email	asalshyyab@just.edu.jo

Class Schedule & Room

Section 1:
 Lecture Time: U : -
 Room: LAB

Tentative List of Topics Covered

Weeks	Topic	References
Weeks 1, 2, 3, 4, 5, 6, 7, 8	The course is designed to Relate practical work to previous knowledge from basic sciences, engineering fundamentals, and discipline related courses	

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Propose improvements to existing aeronautical systems based on practical insights gained during training. [1SO6] [1L7S3]	20%	

Collaborate with peers to solve complex engineering challenges and share knowledge. [1SO5] [1L7C1, 1L7C3]	20%	
Prepare and present comprehensive reports detailing achievements and insights gained during the training period. [1SO3] [1L7C3]	20%	
Showcase hands-on skills in conducting experiments and tests relevant to aeronautical systems. [1SO6] [1L7S3]	20%	
Adjust to challenges and changes in the aeronautical engineering environment during the training period. [1SO7] [1L7C4]	20%	

Relationship to Program Student Outcomes (Out of 100%)						
SO1	SO2	SO3	SO4	SO5	SO6	SO7
		20		20	40	20

Relationship to NQF Outcomes (Out of 100%)			
L7S3	L7C1	L7C3	L7C4
40	10	30	20

Evaluation	
Assessment Tool	Weight
1st Exam	25%

Policy	
Training policy	Trainee students must abide all rules and regulations imposed by the training company or organization

Date Printed: 2023-11-28