



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

**Course name and number:**

<b>AE591 Graduation Project I</b>
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**Credit, contact hours and categorization:**

Credit and contact hours	Contact hours	Categorization
1 Credit Hours	Weekly meeting	Engineering Topic

**Instructor's or course coordinator's name:**

Name	Dr. Yazan Taamneh
Office location	N1-L2
Email address	ymtaamneh@just.edu.jo

**Textbook and other supplemental materials:**

Textbook			
Title	AE Assessment Rubrics for BS Projects, available from the BS by the project advisor or project advisor or Committee		
Author(s)	Committee		
Edition			
Other Information			
References			
Book Name	Author(s)	Edition	Other Information

**Course information:**

Course Catalogue
Provides students the opportunity to individually explore an aeronautical engineering problem or issue within their field of study and apply their education to solving the problem for the benefit of the local community and society as a whole. Students produce a short report that documents the application of previous learning, experience and knowledge to the problem at hand, and evaluates the results.
<b>Course type</b> : This course is <b>Elective</b> for the program.
Prerequisites or co-requisites
Completion of 117 C.H



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**Specific goals of the course :**

Specific outcomes of instruction and the student outcomes (SO) mapping		
Outcomes	SO Mapping	Course Outcome Weight (Out of 100%)
Identify real problem and the most relevant needs and operational constraints .	1SO 2, 1SO 7, 1SO 8, 1SO1	30%
Analyze a project statement, brief, or proposal	1SO 2, 1SO 4, 1SO 5, 1SO 7, 1SO 8	30%
Learn how to cooperate, plan and communicate effectively	1SO 2, 1SO 5, 1SO 8, 1SO	40%

**Brief list of topics to be covered:**

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Project selection and team formation	
Weeks 1, 2	Problem Definition	
Weeks 2-10	Literature review and data collection	
Weeks 10-16	Progress report	