

Instructor Information	
Name	Dr. Zayed Al-Hamamre
Room NO.	
Phone Number	5355000 Ext. 22895
E-mail	z.hamamre@ju.edu.jo
Office Hours	

Course Information	
Course Name	Passive Fire Protection
Course Number	
Prerequisites	
Credit Hours	2
Semester	2 nd semester 201/2013
Class Meeting	- Mon. and Wed. 8:00-9:15

Course Description	
Course Objectives	Introduce students to <ul style="list-style-type: none"> • The basic concept of passive fire protection • Basic information about the anatomy of buildings and plant layout. • The concept of fire tests on different elements, • The classification of reaction to fire for construction products and calculation of fire resistance of structural elements
References	Class note

Course Assessment		
	Points	Date
1 st exam	25%	
2nd exam	25.0%	
Final Exam	50.0%	

Course Contents
<ul style="list-style-type: none"> ✓ Fire safety and Firing ✓ Passive Fire Protection: systems, Planning, Preventing and Maintaining ✓ Material properties at high temperature ✓ Fire resistant materials and construction ✓ Fire testing methods ✓ Fire Resistance Determination

Expected Course Outcomes
After completing this course, <ul style="list-style-type: none"> • Student should understand the different aspects of the anatomy of buildings, • Student should have profound understanding of fire tests on structures, profound understanding of the test methods and classification of reaction to fire. • Student should have the ability to critically evaluate passive fire protection in an existing project; and the ability to design an original plan for passive fire protection for the design of a building.

Regulations

I. Attendance:

Attendance of classes is obligatory. Absence must be verified according to the university's regulation, *please take it serious.*

II. Quizzes and homework

All students are required to finish their homework assignments, and submit them on time. Late homework *will not be accepted* under any circumstances. Popup quizzes will be given without any prior notice. You need to come prepared to class. A hand calculator is recommended to be available in every class. In addition to the final exam, there will be one midterm exam. These exams will be challenging and comprehensive during the class

IV. Conduct in classroom:

While in the class room, all cell phones, Laptops need to be turned off.