



Jordan University of Science and Technology
Faculty of Science & Arts
Physics Department

PHY461 Statistical Mechanics

First Semester 2017-2018

Course Catalog

3 Credit Hours.

Instructor

Name	Prof. Mohammad-Khair Qaseer
Office Location	PH4 L-1
Office Hours	Sun : 11:30 - 14:00 Mon : 11:30 - 13:00 Tue : 08:30 - 09:30 Wed : 09:00 - 10:00 Thu : 11:30 - 12:30
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Class Schedule & Room

Section 1:
 Lecture Time: Mon, Wed : 10:00 - 11:30
 Room: M1304

Prerequisites

Line Number	Course Name	Prerequisite Type
922610	PHY261 Thermodynamics	Prerequisite / Study

Mapping of Course Objectives to Program Student Outcomes¹

Assessment method

To understand the Maxwell-Boltzmann statistics [70(a), 30(e)]	Exam1
To understand Bose-Einstein Statistics [70(a), 30(e)]	
To understand Fermi-Dirac Statistics [70(a), 30(e)]	

Relationship to Program Student Outcomes (Out of 100%)										
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
70				30						

Evaluation	
Assessment Tool	Weight
Exam1	25%

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