Hashemite University		General Microbiology 3 Credit Hours
Faculty of Science		Pre-requisite:
Department of Biology and Biotechnology	Course Syllabus	Semester

Course Information		
Course Title	**General Microbiology**	
Course Number		
Course Credits	credit hours 3	
Course Time		
Course Duration		
Prerequisite(s)		
Instructor	**Dr. Muhannad I. Massadeh**	
Office Location	**Department of Biological Sciences and Biotechnology**	
Office Phone	5047	
Office Hours		
E- mail	massadeh@hu.edu.jo	
Course Web Site:		
Text Book		
Title	Microbiology, An evolving science	
Author(s)	.Slonczewski J.L. and Foster J.W	
Publisher	Norton	
Year	2014	
Edition	3rd	
References(s)		
Evaluation Policy		
Assessment Type	**Expected Date**	**Weight**
1st hour Exam		30%
2nd hour Exam		30%
Final Exam		40%

Course Objectives

Teaching and Learning Methods

Course Contents		
Chapter	**Topic**	
1	Introduction , scope and history of microbiology	
3	Microscopy and staining	
4	Characteristics of Prokaryotic cells	
5	Growth and culturing of bacteria	
7	Microbial genetics	
8	Gene transfer	
9	An introduction to Taxonomy	
11	Eukaryotic microorganisms and Parasites	
12	Antimicrobial therapy	
13	Sterilization and Disinfection	