



**Jordan University of Science and Technology**  
**Faculty of Science & Arts**  
**Applied Biological Sciences Department**

BIO795 Seminar

Second Semester 2017-2018

**Course Catalog**

1 Credit Hours. Students will not only learn the essentials of preparing a professional oral presentation, but they will also learn how to interact intellectually with the primary literature that they are presenting. They will be exposed to the correct way of examining the data and understand how conclusions are reached. They will be encouraged to critically examine the authors' interpretation & analysis of the findings, and thus be exposed to the thought processes of a group of scientists who authored the paper. They will learn that primary literature has compartmentalized information and thus the reading will not be a unidirectional but a multidirectional process.

**Text Book**

<b>Title</b>	1- Practical Skills in Biology
<b>Author(s)</b>	Jones A, Reed R, Weyers J.
<b>Edition</b>	6th Edition
<b>Short Name</b>	1
<b>Other Information</b>	

**Course References**

Short name	Book name	Author(s)	Edition	Other Information
2	2- Short Guide to Writing about Biology	Pechenik JA	9th Edition	

**Instructor**

Name	<b>Dr. Saied Jaradat</b>
Office Location	Princess Haya Biotechnology center/JUST
Office Hours	Sun : 10:00 - 11:00 Sun : 13:00 - 14:00 Mon : 12:00 - 13:00 Tue : 13:00 - 14:00 Thu : 10:00 - 12:00
Email	sjaradat@just.edu.jo

<b>Class Schedule &amp; Room</b>
Section 1: Lecture Time: Tue : 11:30 - 12:30 Room: M2203

<b>Tentative List of Topics Covered</b>		
<b>Weeks</b>	<b>Topic</b>	<b>References</b>
Week 1	Preparing Oral Presentations	<b>Chapter 15 From 1</b>
Week 2	Advice On Reading The Primary Literature	<b>Chapter 3 From 2</b>
Weeks 3, 4	Time for preparation of Presentations	
Weeks 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	Student Presentations	

<b>Mapping of Course Outcomes to Program Student Outcomes</b>	<b>Course Outcome Weight (Out of 100%)</b>	<b>Assessment method</b>
Effort of Student to prepare the presentation. Very few people have a natural talent for giving exceptional presentations and putting in a good amount of effort in planning, and practice can bring the rest of us to a very good level. [1D]	14%	
The introduction to the presentation should not only be informative but complete. Background information should be given from the Introduction and Discussion sections of the paper, as well as, from outside sources. The introduction should end with a concise statement of the specific question that is being addressed. [1D]	10%	
Presentation of the information: For maximum impact, talks must be well organized, developed logically and delivered clearly and smoothly. [1D]	14%	
Organization during presentation: Unlike a conversation, an oral presentation is a one shot attempt to communicate information and make a point. It is essential that the talk be well organized and the points are presented to the audience in a logical sequence. [1D]	10%	
Demonstration & use of audio visual aids: The text should be readable and kept to a minimum. ?A picture is a thousand words?- adding images and diagrams will brighten the talk. The background should be chosen carefully. [1D]	10%	
Language (scientific terms): The presenter must be able to pronounce and understand the meaning of scientific words. [1A]	10%	
Discussion & ability to explain: the ability to answer questions reflects how deeply a presenter understands the information he is presenting. Hesitation and vagueness reflects lack of understanding of the material. [1A]	15%	
Length of Presentation out of the given time: A 20-minute talk should be a 20-minute talk, not a 30-minute talk nor a 10-minute talk. [1D]	12%	
Asking questions and taking part in the discussion of other students? presentations is of importance because it reflects that as a member of the audience, you have you listened, understood, and are actively thinking about what was said. [1A]	5%	

Relationship to Program Student Outcomes (Out of 100%)					
A	B	C	D	E	F
30			70		

Evaluation	
Assessment Tool	Weight
Presentation	100%

Date Printed: 2018-02-21