

<b>Philadelphia University</b>	 <b>PHILADELPHIA UNIVERSITY</b> THE WAY TO THE FUTURE	<b>Approval date:</b>
<b>Faculty</b>		<b>Issue:</b>
<b>Department: Biotechnology and Genetic Engineering</b>		<b>Credit hours: 1</b>
<b>Academic year: 2022/2023</b>		<b>Bachelor</b>

### Course information

Course#	Course title	Prerequisite
<b>0240394</b>	<b>Seminar and scientific writing</b>	<b>Department approval</b>
<b>Course type</b>		<b>Class time</b>
<input type="checkbox"/> University Requirement <input type="checkbox"/> Faculty Requirement <input type="checkbox"/> Major Requirement <input type="checkbox"/> Elective <input checked="" type="checkbox"/> Compulsory		<b>Tue: 11:15-12:15</b>
		<b>Room # 2910</b>

### Instructor Information

Name	Office No.	Phone No.	Office Hours	E-mail
<b>Ayat Al-Azab</b>	<b>1018</b>	<b>2475</b>	<b>Sun, ٩:٤٥ – ١١:٠٠</b> <b>Tue:</b> <b>Mon, ١٤:٠٠ – ١٣:٠٠</b> <b>Wed:</b>	<b>aalazab@philadelphia.edu.jo</b>

### Course Delivery Method

Course Delivery Method			
<input checked="" type="checkbox"/> Physical	<input type="checkbox"/> Online	<input type="checkbox"/> Blended	
Learning Model			
Precentage	Synchronous	Asynchronous	Physical

### Course Description

The course is offered as a 1-credit course. It is designed to introduce the students to write an effective, concise, and clear scientific report with skill and confidence. The Lectures will focus on the different sections of a standard manuscript format (abstract, introduction, material methods, results, and discussion and references) and how to present them through oral presentation.

### Course Learning Outcomes

Number	Outcomes	Corresponding Program outcomes
<b>Knowledge</b>		
K01	Understand the methods of scientific writing.	Kp1
K02	Extract scientific data from scientific articles.	Kp6
K03	Identify the main criteria of scientific presentation.	Kp1
<b>Skills</b>		
S01	Conduct basic scientific writing using published scientific articles.	Sp4
S02	Demonstrate oral presentation of a scientific articles.	Sp4
<b>Competencies</b>		
C01	Demonstrate critical thinking skills utilizing a wide range of information sources.	Cp1

C02	Demonstrate professional and ethical conduct.	Cp1
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### Learning Resources

Course textbook	The students will be supplied with the reading material unless directed otherwise
Supporting References	
Supporting websites	
Teaching Environment	<input checked="" type="checkbox"/> Classroom <input type="checkbox"/> laboratory <input type="checkbox"/> Learning platform <input type="checkbox"/> Other

### Meetings and subjects timetable

Week	Topic	Learning Methods*	Tasks	Learning Material
1	Introduction; pre-writing, What is a scientific paper	Lectures		
2	Journals; choosing a journal.	Lectures		
3	General style; Parts of a paper: Abstract, authorship, title, introduction, methods, results	Lectures		
4	Parts of a paper: tables, figures, photographs, discussion	Lectures		
5	Parts of a paper: Citations, Biological nomenclature,	Lectures		
6	Scientific misconduct and ethical issues	Lectures		
8	<b>Scientific term paper submission</b>			
10	<b>presentation</b>			

\* includes: Lecture, flipped Class, project- based learning, problem solving based learning, collaborative learning

### Course Contributing to Learner Skill Development

Using Technology
Communication skills
Application of concepts learnt

### Assessment Methods and Grade Distribution

Assessment Methods	Grade Weight	Assessment Time (Week No.)	Link to Course Outcomes
Various assignments	50%	3,4	K01,K02 S01,C01,C02
Written a term paper	25%	7	K01,K02 S01,C01,C02
Oral presentation	25%	8	K01-K03 S01,S02

			<b>C01,C02</b>
<b>Total</b>	<b>100%</b>		

\* includes: quiz, in class and out of class assignment, presentations, reports, videotaped assignment, group or individual projects.

#### Alignment of Course Outcomes with Learning and Assessment Methods

Number	Learning Outcomes	Learning Method*	Assessment Method**
<b>Knowledge</b>			
<b>K1-K3</b>	All outcomes		
<b>Skills</b>			
<b>S1,S2</b>	All outcomes		
<b>Competencies</b>			
<b>C1,C2</b>	All outcomes		

\* includes: Lecture, flipped Class, project- based learning, problem solving based learning, collaborative learning

\*\* includes: quiz, in class and out of class assignment, presentations, reports, videotaped assignment, group or individual projects.

#### Course Policies

Policy	Policy Requirements
<b>Passing Grade</b>	The minimum passing grade for the course is (50%) and the minimum final mark recorded on transcript is (35%).
<b>Missing Exams</b>	<ul style="list-style-type: none"> <li>Missing an exam without a valid excuse will result in a zero grade to be assigned to the exam or assessment.</li> <li>A Student who misses an exam or scheduled assessment, for a legitimate reason, must submit an official written excuse within a week from the exam or assessment due date.</li> <li>A student who has an excuse for missing a final exam should submit the excuse to the dean within three days of the missed exam date.</li> </ul>
<b>Attendance</b>	The student is not allowed to be absent more than (15%) of the total hours prescribed for the course, which equates to six lectures days (M, W) and seven lectures (S,T,R). If the student misses more than (15%) of the total hours prescribed for the course without a satisfactory excuse accepted by the dean of the faculty, s/he will be prohibited from taking the final exam and the grade in that course is considered (zero), but if the absence is due to illness or a compulsive excuse accepted by the dean of the college, then withdrawal grade will be recorded.
<b>Academic Honesty</b>	Philadelphia University pays special attention to the issue of academic integrity, and the penalties stipulated in the university's instructions are applied to those who are proven to have committed an act that violates academic integrity, such as: cheating, plagiarism (academic theft), collusion, and violating intellectual property rights.

#### Program Learning Outcomes to be assessed in this Course

Number	Learning Outcome	Course Title	Assessment Method	Target Performance level
<b>1</b>	<b>Kp1</b>	Seminar and Scientific writing	Assignments, term paper, and presentation	
<b>2</b>	<b>Kp6</b>	Seminar and Scientific writing	Assignments, term paper, and presentation	

<b>3</b>	<b>Sp4</b>	Seminar and Scientific writing	Assignments, term paper, and presentation	
<b>4</b>	<b>Cp1</b>	Seminar and Scientific writing	Assignments, term paper, and presentation	

#### Description of Program Learning Outcome Assessment Method

<b>Number</b>	<b>Detailed Description of Assessment</b>
<b>Kp1</b>	Assignments, term paper, and presentation
<b>Kp6</b>	Assignments, term paper, and presentation
<b>Sp4</b>	Assignments, term paper, and presentation
<b>Cp1</b>	Assignments, term paper, and presentation

#### Assessment Rubric of the Program Learning Outcome

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