



<b>Form: Course Syllabus</b>	<b>Form Number</b>	EXC-01-02-02A
	<b>Issue Number and Date</b>	2/3/24/2022/2963 05/12/2022
	<b>Number and Date of Revision or Modification</b>	
	<b>Deans Council Approval Decision Number</b>	2/3/24/2023
	<b>The Date of the Deans Council Approval Decision</b>	23/01/2023
	<b>Number of Pages</b>	07

1.	<b>Course Title</b>	<b>Employability Readiness</b>
2.	<b>Course Number</b>	0301492
3.	<b>Credit Hours (Theory, Practical)</b>	6
	<b>Contact Hours (Theory, Practical)</b>	6
4.	<b>Prerequisites/ Co-requisites</b>	Completion of at least 90 Credit hours
5.	<b>Program Title</b>	B.Sc. Mathematics
6.	<b>Program Code</b>	
7.	<b>School/ Center</b>	Science
8.	<b>Department</b>	Mathematics
9.	<b>Course Level</b>	Obligatory Specialization requirement
10.	<b>Year of Study and Semester (s)</b>	4 <sup>th</sup> year, 1 <sup>st</sup> or 2 <sup>nd</sup> semesters
11.	<b>Other Department(s) Involved in Teaching the Course</b>	None
12.	<b>Main Learning Language</b>	English + Arabic
13.	<b>Learning Types</b>	<input checked="" type="checkbox"/> Face to face learning <input type="checkbox"/> Blended <input type="checkbox"/> Fully online
14.	<b>Online Platforms(s)</b>	<input checked="" type="checkbox"/> Moodle <input checked="" type="checkbox"/> Microsoft Teams
15.	<b>Issuing Date</b>	22 – 10 – 2024
16.	<b>Revision Date</b>	

**17. Course Coordinator:**

Name: Prof. Emad Abuosba	Contact hours:
Office number: M308	Phone number: 22088
Email: eabuosba@ju.edu.jo	



#### 18. Other Instructors:

Name:

Office number:

Phone number:

Email:

Contact hours:

Name:

Office number:

Phone number:

Email:

Contact hours:

#### 19. Course Description:

As stated in the approved study plan.

This course aims to equip students with essential skills to excel in overcoming academic and professional challenges they may encounter in the job market and to adapt effectively to these demands. It covers a diverse range of topics, including academic, practical, and technological skills such as mathematics teaching methods, the use of mathematical and statistical software, and tools for mathematical writing. Additionally, the course introduces students to graduate programs and their various tracks, both locally and internationally. Furthermore, it focuses on developing professional and personal skills, including writing a professional CV, preparing for job interviews, enhancing effective communication skills, and building strong teamwork abilities.

#### 20. Program Student Outcomes (SO's):

(To be used in designing the matrix linking the intended learning outcomes of the course with the intended learning outcomes of the program)

4. Communicate effectively with a range of audiences in oral or written forms and exhibit ethical and professional values.
5. Reflect the impact of technical and/or scientific solutions in economic, environmental, and societal contexts.
6. Function effectively on teams that establish goals, plan tasks, meet deadlines, and analyze risk and uncertainty.
7. Utilize research methods, critical and creative thinking skills to assess and analyze information to solve problems properly, then draw valid reasoning and logical conclusions leading to true consequences.



8. Utilize techniques, skills, and modern scientific tools such as mathematical packages, statistical software, graphing calculators, and online resources necessary for professional practice.

## 21. Course Intended Learning Outcomes (CLO's):

(Upon completion of the course, the student will be able to achieve the following intended learning outcomes)

1. Write a correct C.V.
2. Identify the principles of job interviews and practice them.
3. Communicate in an effective manner including written reports and oral presentations.
4. Uses Mathematica, SPSS and LaTeX softwares effectively.
5. Work on multidisciplinary teams and communicate effectively.
6. Recognize effective school teaching skills and apply them practically in schools.
7. Learn about the requirements for completing graduate studies locally and internationally, and the advantages of each.
8. Learn about AI softwares, their advantages and disadvantages, and how to benefit from them.
9. Understand professional and ethical responsibility and recognize the need for and be able to engage him in life-long learning.
10. Training in data analysis, statistical studies and presentation of results in a clear way.

Course CLOs	The learning levels to be achieved					
	Remembering	Understanding	Applying	Analysing	evaluating	Creating
CLO 1			•			
CLO 2		•	•			
CLO 3			•			•
CLO 4			•			
CLO 5			•			
CLO 6		•	•			
CLO 7	•				•	
CLO 8		•				•
CLO 9				•	•	
CLO 10			•	•	•	



**22. The matrix linking the intended learning outcomes of the course with the intended learning outcomes of the program:**

Program SO's Course CLO's	SO (1)	SO (2)	SO (3)	SO (4)	SO (5)	SO (6)	SO (7)	SO (8)
CLO (1)								•
CLO (2)				•				
CLO (3)				•				
CLO (4)								•
CLO (5)						•		
CLO (6)					•	•		
CLO (7)							•	
CLO (8)							•	•
CLO (9)					•			
CLO (10)				•			•	•

**23. Topic Outline and Schedule:**

Week	Lecture	Topic	CLO/s Linked to the Topic	Learning Types (Face to Face/ Blended/ Fully Online)	Platform Used	Synchronous / Asynchronous	Evaluation Methods	Learning Resources
1	1	Communication Skills	3+5	FF	Teams	S	Oral	Open Sources
2	2	Communication Skills	3+5	FF	Teams	S	Oral	Open Sources
3	3	C.V. Writing, Portfolio, LinkedIn, Research Gate, GitHub	1	FF	Teams	S	Oral	Open Sources



<b>4</b>	4	Job Interviews and Job Hunting	2	FF	Teams	S	Oral	Open Sources
<b>5</b>	5	Critical Thinking + Higher Educational Opportunities	7	FF	Teams	S	Oral	Open Sources
<b>6</b>	6	Teaching Methodologies	6	FF	Teams	S	Oral	Open Sources
<b>7</b>	7	Teaching Methodologies	6	FF	Teams	S	Oral	Open Sources
<b>8</b>	8	Practicing Teaching	6	FF	Teams	S	Oral	Open Sources
<b>9</b>	9	Practicing Teaching	6	FF	Teams	S	Oral	Open Sources
<b>10</b>	10	Practicing Teaching	6	FF	Teams	S	Oral	Open Sources
<b>11</b>	11	Practicing LaTeX	4	FF	Teams	S	Oral	Open Sources
<b>12</b>	12	Using AI	8	FF	Teams	S	Oral	Open Sources
<b>13</b>	13	Practicing		FF	Teams	A	Oral	Open Sources
<b>14</b>	14	Practicing		FF	Teams	A	Oral	Open Sources
<b>15</b>	15	Practicing		FF	Teams	S	Oral	Open Sources



## 24. Evaluation Methods:

Opportunities to demonstrate achievement of the CLOs are provided through the following assessment methods and requirements:

Evaluation Activity	Mark	Topic(s)	ILO/s Linked to the Evaluation activity	Period (Week)	Platform
Attendance	10%	Attendance		1-14	On campus
Communication skills	10%	Communication skills		Week 1	On campus
CV , Portfolio, LinkedIn, Research Gate, GitHub and Other Platforms proof list	5%	CV writing, Portfolio, LinkedIn, Research Gate, GitHub and Other Platforms		Week 2	On campus
Job interview	5%	Job interview, and Job Hunting		Week 3	On campus
Computer-Based Exam	5%	Critical Thinking		Week 4	ELearning
Teaching plan + Demo Class	5%	Teaching Methodologies		Week 5	On campus Schools
Homework and Quizzes	20%	Programming and Simulation		Weeks 6,7,8	On campus
Training Report	20%	Training		Weeks 9,10,11,12	Training institutions
Research Report + Computer-Based Exam	5%	Research Methodology		Week 13	On Campus
Final Presentation and Report	15%	Final project Presentation and Report		Weeks 14	On Campus

## 25. Course Requirements:

Computer  
Account in Microsoft Teams

**26. Course Policies:****27. References:**

**A-** Required book(s), assigned reading and audio-visuals:

**B-** Recommended books, materials, and media:

**28. Additional information:**

Name of the Instructor or the Course Coordinator: <b>Prof. Emad A. Abuosba</b>	Signature: .....	Date: 22 – 10 - 2024
Name of the Head of Quality Assurance Committee/ Department: <b>Prof. Manal Ghanem</b>	Signature: .....	Date: .....
Name of the Head of Department: <b>Prof. Baha Alzalg</b>	Signature: .....	Date: .....
Name of the Head of Quality Assurance Committee/ School of Science: <b>Prof. Emad A. Abuosba</b>	Signature: .....	Date: .....
Name of the Dean or the Director: <b>Prof. Mahmoud I. Jaghoub</b>	Signature: .....	Date: .....