The University of Jordan

الجامعة الاردنية

Form: Course Syllabus	Form Number	EXC-01-02-02A
	Issue Number and Date	2/3/24/2022/2963 05/12/2022
	Number and Date of Revision or Modification	
	Deans Council Approval Decision Number	2/3/24/2023
	The Date of the Deans Council Approval Decision	23/01/2023
	Number of Pages	0

1.	Course Title	Employability Readiness
2.	Course Number	0303392
3.	Credit Hours (Theory, Practical)	6
	Contact Hours (Theory, Practical)	6
4.	Prerequisites/ Corequisites	Above 90 credit hours
5.	Program Title	B.Sc. chemistry
6.	Program Code	
7.	School/ Center	Science
8.	Department	Chemistry
9.	Course Level	Obligatory Specialization requirement
10.	Year of Study and Semester (s)	4th year
11.	Other Department(s) Involved in Teaching the Course	None
12.	Main Learning Language	English + Arabic
13.	Learning Types	■Face to face learning ☐ Blended ☐Fully online
14.	Online Platforms(s)	■Moodle ■Microsoft Teams
15.	Issuing Date	22 – 11 – 2024
16.	Revision Date	

17. Course Coordinator:

Name: Prof. Fadwa M Odeh
Coordinator of the Partnerships and Training Committee in the Chemistry Department (2024-2025)
Contact hours:
Office number: Phone number:
Email: f.odeh@ju.edu.jo

18. Other Instructors:

Name: Head of the department of chemistry
Office number:
Phone number:
Email:
Contact hours:

19. Course Description:

As stated in the approved study plan.

Employability Readiness in the Chemistry Department is a fundamental part of its academic program. It is organized based on the university's and the college's mission and general objectives, which aim to achieve the highest levels of quality in the development of educational, scientific, and knowledge processes. This is done in collaboration with relevant community institutions, ensuring that the training is grounded in the practical realities of various fields of science and knowledge. The training provides students with the opportunity to integrate and understand the nature of the job market during their theoretical academic studies. It allows them to acquire important practical skills in their chemical specialties, including adherence to work values, fostering creativity, and working within a team. These skills offer them early experiences that ease their entry into the job market without placing an additional burden on employers.

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)

SO1: Problem Solving: Graduates will be able to apply mathematical and scientific knowledge to identify, formulate, and solve technical or scientific problems relevant to the discipline of chemistry.

SO2: Design: Graduates will be able to use their understanding of chemistry concepts and principles to formulate and design systems, processes, procedures, or programs to meet desired goals and outcomes.

SO3: Experimental Skills: Graduates will be able to design, conduct, and analyze experiments or test hypotheses, utilizing appropriate chemical techniques and scientific judgment to draw meaningful conclusions.

SO4: Communication: Graduates will be able to communicate scientific information effectively and accurately to a range of audiences, including both technical and non-technical audiences.

SO5: Ethics and Global Context: Graduates will understand and apply ethical and professional responsibilities in the context of the impact of technical and scientific solutions on global, economic, environmental, and societal issues.

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. **Professional Development and Career Skills**
   - Build an effective résumé and master job-seeking skills, including job search, interviews, and exploring graduate studies locally and internationally.
2. **Effective Communication**
   - Develop strong written and oral communication skills, including report writing and presentations, and work effectively within multidisciplinary teams.
3. **Leadership and Management**
   - Cultivate leadership abilities, manage teams and time efficiently, and uphold professional and ethical responsibilities in various work settings.
4. **Practical and Technical Skills**
   - Apply practical teaching techniques, lab management protocols, and chemical safety measures in schools and laboratories.
5. **Lifelong Learning and Technological Competence**
   - Embrace lifelong learning by exploring AI tools and their applications, understanding their strengths and limitations, and staying updated with evolving technologies.

Course CLOs	The learning levels to be achieved					
	Remembering	**Understanding**	**Applying**	**Analysing**	**evaluating**	**Creating**
CLO 1		●	●		●	
CLO 2		●	●		●	
CLO 3			●			
CLO 4			●			
CLO 5			●		●	

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)
CLO (1)					
CLO (2)				•	
CLO (3)	•				•
CLO (4)	•	•	•		
CLO (5)		•			•

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 Lectures	Evaluation Methods	Learning Resources
1	1	Crafting an Effective CV	1	FF	Teams	S	Oral	Open Sources
2	2	Job Search Strategies and Interviews	1	FF	Teams	S	Oral	Open Sources
3	3	Effective Teaching Techniques	1	FF	Teams	S	Oral	Open Sources
4	4	Specialized Teaching in Chemistry	1		Teams	S	Oral	Open Sources
5	5	Teamwork and Presentation Skills	4	FF	Teams	S	Oral	Open Sources
6	6	Chemical Safety and Security	2	FF	Teams	S	Oral	Open Sources
7	7	Laboratory Management Essentials	4	FF	Teams	S	Oral	Open Sources
8	8	Preparing for Graduate Studies	1		Teams	S	Oral	Open Sources
9	9	Professional Ethics in Chemistry	3	FF	Teams	S	Oral	Open Sources
10	10	Data Analysis Software Applications (e.g. SPSS)	5	FF	Teams	S	Oral	Open Sources
11	11	Mastering Job Interviews	1	FF	Teams	S	Oral	Open Sources
12	12	An introduction to AI in science	5	FF	Teams	S	Oral	Open Sources
13	13	Logic and Critical Thinking Skills	3	FF	Teams	A	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)	CLO/s Linked to the Evaluation activity	Period (Week)	Platform
Logbook	60	All	All		FF
Attendance	10	All	All		FF
Active Participation	10	All	All		FF
Project + Presentation	20	All	All		FF

25. Course Requirements:

Computer

Account in Microsoft Teams

26. Course Policies:

A- Attendance policies: All students are expected to follow the of attendance policies of the University of Jordan, absences exceeding 15% of total number of class meeting (6-hour classes) will result in F grade or course drop.

B- Absences from exams and handing in assignments on time: University rules and regulations regarding make-up exams.

C- Health and safety procedures: N/A

D- Honesty policy regarding cheating, plagiarism, misbehavior: University rules and regulations.
E- Grading policy: University rules and regulations

F- Available university services that support achievement in the course: N/A

27. References:

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

Higher Education and Job Employability, Betsy Ng, 2022, springer

The SAGE Handbook of Graduate Employability, Tania Broadley, Yuzhuo Cai, Miriam Firth, Emma Hunt, John Neugebauer Publisher: SAGE Publications, Year: 2023 B- Recommended books, materials, and media:

28. Additional information:

Name of the Instructor or the Course Coordinator: **Prof. Fadwa M Odeh**	Signature: ……..……	Date:
Name of the Head of Quality Assurance Committee/ Department **Prof. Jalal Zahra**	Signature: ……..……	Date: ……..……
Name of the Head of Department **Prof. Murad AlDamen**	Signature: ……..……	Date: ……..……
Name of the Head of Quality Assurance Committee/ School of Science **Prof. Emad A. Abuosba**	Signature: ……..……	Date: ……..……
Name of the Dean or the Director **Prof. Mahmoud I. Jaghoub**	Signature: ……..……	Date: ……..……