Faculty: Information Technology	
Department: Computer Science	**Program:** Bachelor
Academic year:	**Semester:**

Course Plan

First: Course Information

Course No.: 1501391	***Course Title:*** **Internship for Computer Science**	***Credit Hours: 0***	***Theoretical: 0***	***Practical: 90***
Prerequisite No. and Title:		***Section No.:***	***Lecture Time:***	
Level in JNQF	***7***			
Type Of Course:	☐ ***Obligatory University Requirement*** ☐ ***Elective University Requirement*** ☐ ***Obligatory Faculty Requirement*** ☐ ***Elective Faculty Requirement*** ■ ***Obligatory Specialization Requirement*** ☐ ***Elective Specialization Requirement*** ☐ ***Ancillary course***			
Type of Learning:	■ ***Face-to-Face Learning*** ☐ ***Blended Learning (2 Face-to-Face + 1 Asynchronous)*** ☐ ***Online Learning (2 Synchronous+ 1 Asynchronous)***			

Second: Instructor's Information

Course Coordinator:			
Name:	***Academic Rank:***		
Office Number:	***Extension Number:***	***Email:***	
Course Instructor:			
Name:	***Academic Rank:***		
Office Number:	***Extension Number:***	***Email:***	
Office Hours:	***Sunday Monday Tuesday Wednesday Thursday***		

Third: Course Description

The course Internship for computer science students is designed to enroll students in a public or private institution or company related to information technology specializations in general and computer science specializations in particular, based on coordination between the department and the training destination. The focus of the training period is on providing the student with the practical skills he needs to qualify to enter the labor market professionally.

Fourth: Course Objectives

- Introducing the students to implement the foundation and theoretical concept in practically in the field.
- Encourages students to be able to use the techniques and tools necessary for programming.
- Guiding the student to demonstrate knowledge and apply current theories, models, and techniques that provide a basis for IT practice.
- Demanding the students to apply prior knowledge and understand how theory is applied in practice.
- Providing the students to simulate real-world applications and systems.

Fifth: Learning Outcomes

Level descriptor according to (JNQF)	***CILOs Code***	***CILOs*** If any CLO will not be assessed in the course, mark NA.	***Associated PILOs Code*** *Choose one PILO for each CILO**	***Assessment method*** *Choose at least two methods*
Knowledge	**K1**	Apply advanced programming concepts and languages and complete the software development lifecycle to solve real-world problems encountered in the internship, demonstrating proficiency in coding, debugging, and optimizing code.	PK1	Department supervisor evaluation, Training supervisor evaluation
	K2	Demonstrate an understanding of current trends, challenges, and opportunities within the computer science and technology industry.	PK2	Department supervisor evaluation, Training supervisor evaluation
	K3	Demonstrate a strong work ethic, time management skills, and a commitment to meeting deadlines, while adhering to ethical standards and practices in the field of computer science.	PK3	Department supervisor evaluation, Training supervisor evaluation

Skills	**S1**	Develop proficiency in at least one programming language commonly used in the industry (e.g., Python, Java, C++) and write clean, efficient, and maintainable code.	PS1	Department supervisor evaluation, Training supervisor evaluation
	S2	Analyze complex problems, identify root causes, and develop innovative and effective solutions by applying critical thinking skills and algorithmic problem-solving techniques.	PS2	Department supervisor evaluation, Training supervisor evaluation
	S3	Design, implement, evaluate, and optimize solutions for the emerging computing requirements.	PS3	Department supervisor evaluation, Training supervisor evaluation
	S4	Demonstrate the ability to critically create systems and applications for databases, web, networks, …etc.	PS4	Department supervisor evaluation, Training supervisor evaluation
Competencies	**C1**	Communicate effectively with team members, stakeholders, and clients, both orally and in writing, demonstrating professionalism and the ability to articulate technical concepts to non-technical audiences.	PC1	Department supervisor evaluation, Training supervisor evaluation
	C2	Reflect on personal learning experiences during the internship and identify areas for ongoing professional development.	PC3	Department supervisor evaluation, Training supervisor evaluation
	C3	Apply this awareness to contribute innovative solutions to real-world problems.	PC4	Department supervisor evaluation, Training supervisor evaluation

*CILOs: Course Intended Learning Outcomes; PILOs: Program Intended Learning Outcomes; For each CILO, the PILO could be the same or different.

Sixth: Learning Resources

Main Reference:	**Internship for Computer Science Forms**		
Author:	***Issue No.:*** ed.	***Print:***	***Publication Year:***
Additional Sources and Websites:	***Company Rules.***		
Teaching Type:	☐ ***Classroom*** ☐ ***Laboratory*** ☐ ***Workshop*** ☐ ***MS Teams*** ☐ ***Moodle***		

Seventh: Course Structure

Week	Course Intended Teaching Outcomes (CILOs)	Topics	Teaching Procedures*	Teaching Methods**	References***
1	K1, S1, C1	Introduction to the company, its policies, and vision. Define the training outline, responsibility, tasks, and training outcome	Face-to-Face	Department Training Supervisor	Training guidelines and forms
2	K1, K2, K3, S3, C1	Working on tasks under the company supervisor	Face-to-Face	Company Training Supervisor	Training guidelines and forms
3	K1, K2, K3, S3, C1	The faculty supervisor visits the student in the training company	Face-to-Face	Department Training Supervisor	Training guidelines and forms
4	K1, K2, K3, S3, C1	Assess the student by the company supervisor	Face-to-Face	Company Training Supervisor	Training guidelines and forms
5	K1, K3, S1, S2 C1, C2	Completion of training outline at the company	Face-to-Face	Department Training Supervisor	Training guidelines and forms
6	K1, K3, S1 C1, C2, C3	Documentation and presentation internship report	Face-to-Face	Department Training Supervisor	Training guidelines and forms
7	K1, K2, K3, S1, S3 C1, C2, C3, C4	Discusses the internship report by the faculty supervisor (Oral exam)	Face-to-Face	Department Training Supervisor	Training guidelines and forms
8	K1, K2, S1, S3 C1, C2, C3, C4	Assess the student by the faculty supervisor	Face-to-Face	Department Training Supervisor	Training guidelines and forms
Final Discussion					

*Teaching procedures: (Face-to-Face, synchronous, asynchronous). ** Teaching methods: (Lecture, video….).
*** Reference: (Pages of the book, recorded lecture, video….)

Eighth: Assessment Methods

Methods	Online Learning	Blended Learning	Face-To-Face Learning	Specific Course Output to be assessed **If any CILO will not be assessed in the course, mark NA.									
				K1	K2	K3	S1	S2	S3	S4	C1	C2	C3
First Exam													
Second Exam													
Mid-term Exam *			50	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Participation													
Asynchronous Activities													
Quizzes													
Assignments													
Presentation													
Final Oral Exam **			50	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pass/Fail			100										

*Company Training Supervisor
**Department Training Supervisor

Ninth: Course Policies

- All course policies are applied to all teaching patterns (online, blended, and face-to-face Learning) as follows:
  a. Punctuality.
  b. Participation and interaction.
  c. Attendance and exams.
- Academic integrity: (cheating and plagiarism are prohibited).

Approval	Name	Date	Signature
Head of Department			
Faculty Dean			