

Republic of Yemen

Ministry of Higher Education & Scientific Research

Council of Academic Accreditation & Quality Assurance of Higher Education(CAQA)

21 September University for Medical and Applied Sciences



Faculty of Engineering and Computer
Department of Information Technology

Program of Information Technology

Course Specification of
Programming 2

Course Code. (07.01.703)

2024



T4: This Template is Developed and Approved by CAQA-Yemen, 2023

Prepared by:

Dr. -----

Reviewed by:

Dr. -----

Head of the Department:

Quality Unit:

Dean

I. General Information:

1.	Course Title:	Programming 2				
2.	Course Code:	07.01.703				
3.	Credit Hours:	Credit Hours	Theory Contact Hours		Practical Contact Hours	
			Lecture	Tutorial/ Seminar	Lab	Clinical
		3	2	--	2	--
4.	Level/ Semester at which this Course is offered:	2 Level / 2 Semester				
5.	Pre –Requisite (if any):	Programming 1				
6.	Co –Requisite (if any):	Non				
7.	Program (s) in which the Course is Offered:	Bachelor of Information Technology				
8.	Language of Teaching the Course:	English/Arabic				
9.	Location of Teaching the Course:	Faculty of Medical Technology				
10.	Prepared by:	Dr. Abdulrahman Mohammed Hussein Obaid				
11.	Date and Number of Approval by Council:					

II. Course Description:

Programming 2 builds upon fundamental programming concepts, introducing students to advanced Java programming techniques essential for developing robust information systems. Students explore data structures, algorithms, file handling, and database connectivity in Java, with a focus on healthcare applications. Through hands-on projects, learners develop skills in creating efficient, scalable Java applications that address real-world informatics challenges. The course emphasizes problem-solving, code optimization, and best practices in software development, preparing students for the complexities of IT solutions.

III. Course Intended Learning Outcomes (CILOs) : Upon successful completion of the course, students will be able to:		Referenced PILOs	
A. Knowledge and Understanding:		I, P or M/A	
a1	Demonstrate an understanding of advanced Java programming concepts and techniques to develop solutions for health information technology challenges.	I	A1 Demonstrate an understanding of appropriate models, theories, mathematical foundations, and techniques related to Health Information Technology discipline.
a2	Identify Java applications that address specific healthcare needs and solve real-world medical informatics problems.	I,P	A2 Identify user and Healthcare needs to provide IT based solutions to real-world problem.
a3	Understanding Java-based tools, libraries, and frameworks to efficiently solve computing problems in healthcare environments.	I,P	A3 Demonstrate a profound knowledge in utilizing and adapting IT tools, techniques, practices, and methods for solving computing problems in Health environment.
a4	contrast Java applications for health information systems, demonstrating		A4 Demonstrate a sound understanding the computing

	understanding of software development lifecycle concepts.			concept related to analysis, design, implementation, and evaluation of Health information system.
B. Cognitive/ Intellectual Skills:				
b1	Analyze complex healthcare-related computing problems and propose appropriate Java-based solutions.	P	B1	Critically analyse complex computing problems and propose appropriate information technology based solutions and integrate them effectively into the uses and organization Health.
b2	Assess the impact of Java applications on healthcare objectives and adapt implementations to meet evolving user needs.		B2	Analyze the impacts of computing on Health objectives and customer needs, and consider them during the analytical processing, selection, integration, configuration and administration of information systems
			B3	
C. Practical and Professional Skills:				
c1	Employ Java programming concepts and tools effectively for constructing and documenting health information systems of varying complexity.		C1	Employ effectively the concepts, principles of computational tools, techniques used for the construction and documentation of Health Information of varying complexity.
c2		P	C2	design, implement, and test a computing-based solution to meet a given set of

				computing requirement in the context of Health Information Technology.
			C3	
c4		P,M	C4	Use current techniques, skills, and tools necessary for computing practices.
D. General and Transferable Skills:				
d1	Collaborate effectively in team projects to develop Java-based health information technology solutions.		D1	Function effectively as an individual, as a member, or leader of a team engaged in activities appropriate to the Health Information Technology discipline to accomplish a common goal.
d2	Adhere to professional ethics and best practices in Java software development for healthcare applications.		D2	Commit to professional ethics, responsibilities, and norms of professional IT practices.
			D3	
I= Introduced, P=Practiced or M/A= Mastered/Advanced				

(A) Alignment of Course Intended Learning Outcomes (Knowledge and Understanding) to Teaching Strategies and Assessment Methods:			
	Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
a1	Demonstrate an understanding of advanced Java programming concepts and techniques to develop solutions for health information technology challenges.	<ul style="list-style-type: none"> ▪ Lectures ▪ Discussion ▪ Presentation ▪ Self-learning 	<ul style="list-style-type: none"> ▪ Written exam (mid and final terms and quizzes) ▪ Final practical exam ▪ Assignments
a2	Identify Java applications	<ul style="list-style-type: none"> ▪ Lectures ▪ Discussion 	<ul style="list-style-type: none"> ▪ Written exam (mid and final)

	that address specific healthcare needs and solve real-world medical informatics problems.	<ul style="list-style-type: none"> ▪ Presentation ▪ Self-learning 	terms and quizzes) <ul style="list-style-type: none"> ▪ Final practical exam ▪ Assignments
a3	Understanding Java-based tools, libraries, and frameworks to efficiently solve computing problems in healthcare environments.	<ul style="list-style-type: none"> ▪ Lectures ▪ Discussion ▪ Presentation ▪ Self-learning 	<ul style="list-style-type: none"> ▪ Written exam (mid and final terms and quizzes) ▪ Final practical exam ▪ Assignments
	contrast Java applications for health information systems, demonstrating understanding of software development lifecycle concepts.	<ul style="list-style-type: none"> ▪ 	<ul style="list-style-type: none"> ▪
		<ul style="list-style-type: none"> ▪ 	<ul style="list-style-type: none"> ▪
(B) Alignment of Course Intended Learning Outcomes (Intellectual Skills) to Teaching Strategies and Assessment Methods:			
	Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
b1	Analyze complex healthcare-related computing problems and propose appropriate Java-based solutions.	<ul style="list-style-type: none"> ▪ Lectures ▪ Tutorials ▪ Discussion ▪ Case studies (CBL) ▪ Self-Learning ▪ Problem Based Learning (PBL) 	<ul style="list-style-type: none"> ▪ Written exam (mid and final terms and quizzes) ▪ Final practical exam ▪ Assignments
b2	Assess the impact of Java applications on healthcare objectives and adapt implementations to meet evolving user needs.	<ul style="list-style-type: none"> ▪ 	<ul style="list-style-type: none"> ▪
	...	<ul style="list-style-type: none"> ▪ 	<ul style="list-style-type: none"> ▪
		<ul style="list-style-type: none"> ▪ 	<ul style="list-style-type: none"> ▪
		<ul style="list-style-type: none"> ▪ 	<ul style="list-style-type: none"> ▪

(C) Alignment of Course Intended Learning Outcomes (Professional and Practical Skills) to Teaching Strategies and Assessment Methods:			
	Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
c1	Employ Java programming concepts and tools effectively for constructing and documenting health information systems of varying complexity.	<ul style="list-style-type: none"> ▪ 	<ul style="list-style-type: none"> ▪
c2		<ul style="list-style-type: none"> ▪ Tutorials ▪ Training ▪ Case studies (CBL) ▪ Lab work ▪ Problem Solving Learning (PSL) ▪ Problem Based Learning (PBL) 	<ul style="list-style-type: none"> ▪ Written exam (mid and final terms and quizzes) ▪ Final practical exam ▪ Assignments
		<ul style="list-style-type: none"> ▪ 	<ul style="list-style-type: none"> ▪
c3		<ul style="list-style-type: none"> ▪ Tutorials ▪ Training ▪ Case studies (CBL) ▪ Lab work ▪ Problem Solving Learning (PSL) ▪ Problem Based Learning (PBL) 	<ul style="list-style-type: none"> ▪ Written exam (mid and final terms and quizzes) ▪ Final practical exam ▪ Assignments
(D) Alignment of Course Intended Learning Outcomes (Transferable Skills) to Teaching Strategies and Assessment Methods:			
	Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
d1	Collaborate effectively in team projects to develop Java-based health information technology solutions.	<ul style="list-style-type: none"> ▪ 	<ul style="list-style-type: none"> ▪
d2	Adhere to professional ethics and best practices in Java software development for healthcare applications.	<ul style="list-style-type: none"> ▪ 	<ul style="list-style-type: none"> ▪

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IV. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	Introduction to java	• Overview of Java programming	1	2	a1
2	java Basics	• Variables and data types in java • Java operators and expressions • Input/output in Java	1	2	a1, c1
3	Control Structures and Functions in java	• If, else, switch statements • For, while, do-while loops • Function declaration and definition • Parameter passing • Function overloading	2	4	a1, a3
4	Arrays and Data Structures in Java	• Arrays (One-dimensional and multi-dimensional arrays) • ArrayLists • LinkedLists	2	4	a1, a3, b1
5	Midterm Exam	• Review and assessment	1	2	a1, a3, b1, c1
6	File Handling in Java	• Reading and writing text files • Working with CSV files • Exception handling in file operations	1	2	A2, a3, b1
7	Java Database Connectivity (JDBC)	• Connecting to databases • Executing SQL queries • Managing database transactions	2	4	a3, a4, b2, c1, d1, d2
8	Java GUI Programming	• JavaFX basics • Creating user interfaces for health applications • Event handling	2	4	a1, a3, a4, b2, c1, d1, d2

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
9	Multithreading in Java	<ul style="list-style-type: none"> • Thread creation and management • Synchronization • Concurrent programming in healthcare systems 	1	2	a1,a3,a4 ,b2,c1,d2
10	Networking in Java	<ul style="list-style-type: none"> • Socket programming • Client-server architecture • Implementing simple health data transfer protocols 	1	2	a3,a4,b2 ,c1,d2
11	Final Project Discussion	<ul style="list-style-type: none"> • Project requirements and guidelines • java implementation strategies • Best practices in health IT projects 	1	2	a2,a3,a4 ,b1,b2,c1,d1,d2
12	Final Exam	Comprehensive assessment	1	2	a2,a3,a4 ,b1,b2,c1
Number of Weeks /and Units Per Semester			16	32	

B. Practical Aspect (Lab(/Clinical) (if any):

No.	Tasks/ Experiments	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	Advanced Java environment setup and coding exercises	1	2	c1
2	Implementing control structures and Function implementation and usage in Java	2	4	a1,a2, a3
3	Arrays and Data Structures in Java	2	4	a2,a2, a3
4	Function implementation and usage	1	2	a2,a2, a3
5	Midterm Exam	1	2	a1,a2,a3,c1
6	File handling and exception management in Java	1	2	a2,a3,b1
7	Database operations using JDBC	2	4	a2,a3,b1, c1



No.	Tasks/ Experiments	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
8	Creating GUI for health applications using JavaFX	2	4	a2,a3,a4,b1,c1
9	Multithreading exercises in health data processing	1	2	a2,a3,a4,b1
10	Networking applications for health data transfer	1	2	a2,a3,a4,b1
11	Final project implementation in Java	1	2	a2, a3,a4, b1,b2,c1,d1,d2
Number of Weeks /and Units Per Semester		15	30	

C. Tutorial Aspect (if any):

No.	Tutorial	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				

No.	Tutorial	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
Number of Weeks /and Units Per Semester				

VII. Assignments:

No.	Assignments	Week Due	Mark	Aligned CILOs (symbols)
1	Exercises and Home Works, Problem Solving (I)	3	3	a2,a3,a4
2	Exercises and Home Works, Problem Solving (II)	9	3	a4,b1,b2,c1
3	Technical Report and Presentation.	11	4	a2,a3,a4,b1,b2,c1,d1,d2
Total			10	

VIII. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Assignments	3,8,11	10	10 %	a2,a3,a4,b1,b2,c1,d1,d2
2	Quizzes 1 & 2	6,12	5	5 %	a2,a3,a4,b1,b2,c1
3	Mid-Term Theoretical Exam	9	10	10 %	a1, a3, b1,c1
4	Mid-Term Practical Exam	7	5	5 %	a1,a2,a3,c1
5	Final Practical Exam including Project Presentation & Evaluation	15	10	10 %	a2, a3,a4, b1,b2,c1,d1,d2
6	Final Theoretical Exam	16	60	60 %	a2,a3,a4,b1,b2,c1

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
Total			100	100%	

IX. Learning Resources:

- *Written in the following order:* Author, Year of publication, Title, Edition, Place of publication, Publisher.

1- Required Textbook(s) (maximum two):

1. Liang, Y.D. (2023). Introduction to Java Programming and Data Structures, Comprehensive Version, 13th Edition. London, Pearson.
2. Horstmann, C. (2024). Core Java Volume I - Fundamentals, 12th Edition. Boston, Oracle Press.

2- Essential References:

1. Bloch, J. (2023). Effective Java, 4th Edition. Boston, Addison-Wesley.
2. Deitel, P. & Deitel, H. (2022). Java How to Program, Late Objects, 12th Edition. London, Pearson.
3. Evans, B. & Warburton, R. (2023). Java in a Nutshell: A Desktop Quick Reference, 8th Edition. Sebastopol, O'Reilly Media.

3- Electronic Materials and Web Sites etc.:

Websites:

1. docs.oracle.com/javase - Java SE Documentation
2. www.baeldung.com - Baeldung (Java Programming Tutorials)
3. www.javaworld.com - JavaWorld

Journals:

1. Journal of Systems and Software
2. IEEE Software

Other Web Sources:

1. GitHub - Java repositories and projects
2. Stack Overflow - Java tagged questions and answers

X. Course Policies: (Based on the Uniform Students' By law (2007))

1	Class Attendance: Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes.
2	Tardiness: A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
3	Exam Attendance/Punctuality: No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed.
4	Assignments & Projects: Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.
5	Cheating: Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
6	Forgery and Impersonation: Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
7	Other policies: The University official regulations in force will be strictly observed and students shall comply with all rules and regulations of the examination set by the Department, Faculty and University Administration.



Faculty of Medical Technology

Department of Medical Information Technology

Program of Medical Information Technology

Course Plan (Syllabus) of Programming 2

Course Code. 07.01.703

I. Information about Faculty Member Responsible for the Course:							
Name of Faculty Member:	Dr. Abdulrahman Mohammed Obaid	Office Hours					
Location & Telephone No.:	00967773574322						
E-mail:	Obaid.eng@gmail.com	SAT	SUN	MON	TUE	WED	THU

2024

II. Course Identification and General Information:

1	Course Title:	Programming 2			
2	Course Code & Number:	07.01.703			
3	Credit Hours:	Credit Hours	Theory Hours		Lab. Hours
			Lecture	Exercise	
		3	2	--	2
4	Study Level/ Semester at which this Course is offered:	2 Level / 2 Semester			
5	Pre –Requisite (if any):	Programming 1			
6	Co –Requisite (if any):	Non			
7	Program (s) in which the Course is Offered:	Bachelor of Information Technology			
8	Language of Teaching the Course:	English/Arabic			
9	Study System:	Semester Based System			
10	Mode of Delivery:	Full Time			
11	Location of Teaching the Course:	Faculty of Medical Technology			
12	Prepared by:	Dr. Abdulrahman Mohammed Hussein Obaid			
13	Date of Approval:				

III. Course Description:

Programming 2 builds upon fundamental programming concepts, introducing students to advanced Java programming techniques essential for developing robust information systems. Students explore data structures, algorithms, file handling, and database connectivity in Java, with a focus on healthcare applications. Through hands-on projects, learners develop skills in creating efficient, scalable Java applications that address real-world informatics challenges. The course emphasizes problem-solving, code optimization, and best practices in software development, preparing students for the

complexities of IT solutions.

IV. Course Intended Learning Outcomes (CILOs) :

Upon successful completion of the Course, student will be able to:

	A. Knowledge and Understanding:
a1	Demonstrate an understanding of advanced Java programming concepts and techniques to develop solutions for health information technology challenges.
a2	Identify Java applications that address specific healthcare needs and solve real-world medical informatics problems.
a3	Understanding Java-based tools, libraries, and frameworks to efficiently solve computing problems in healthcare environments.
a4	contrast Java applications for health information systems, demonstrating understanding of software development lifecycle concepts.
	B. Cognitive/ Intellectual Skills:
b1	Analyze complex healthcare-related computing problems and propose appropriate Java-based solutions.
b2	Assess the impact of Java applications on healthcare objectives and adapt implementations to meet evolving user needs.
	C. Practical and Professional Skills:
c1	Employ Java programming concepts and tools effectively for constructing and documenting health information systems of varying complexity.
c2	
c4	
	D. Transferable Skills:
d1	Collaborate effectively in team projects to develop Java-based health information

	technology solutions.
d2	Adhere to professional ethics and best practices in Java software development for healthcare applications.

V. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	Introduction to java	• Overview of Java programming	1	2	a1
2	java Basics	• Variables and data types in java • Java operators and expressions • Input/output in Java	1	2	a1, c1
3	Control Structures and Functions in java	• If, else, switch statements • For, while, do-while loops • Function declaration and definition • Parameter passing • Function overloading	2	4	a1, a3
4	Arrays and Data Structures in Java	• Arrays (One-dimensional and multi-dimensional arrays) • ArrayLists • LinkedLists	2	4	a1, a3, b1
5	Midterm Exam	• Review and assessment	1	2	a1, a3, b1, c1
6	File Handling in Java	• Reading and writing text files • Working with CSV files • Exception handling in file operations	2	4	A2, a3, b1
7	Java Database Connectivity	• Connecting to databases • Executing SQL queries	2	4	a3, a4, b2, c1, d1, d

	(JDBC)	• Managing database transactions			2
8	Java GUI Programming	• JavaFX basics • Creating user interfaces for health applications • Event handling	2	4	a1,a3,a4 ,b2,c1,d 1,d2
9	Multithreading in Java	• Thread creation and management • Synchronization • Concurrent programming in healthcare systems	1	2	a1,a3,a4 ,b2,c1,d 2
10	Networking in Java	• Socket programming • Client-server architecture • Implementing simple health data transfer protocols	1	2	a3,a4,b2 ,c1,d2
11	Final Project Discussion	• Project requirements and guidelines • java implementation strategies • Best practices in health IT projects	1	2	a2,a3,a4 ,b1,b2,c 1,d1,d2
12	Final Exam	Comprehensive assessment	1	2	a2,a3,a4 ,b1,b2,c 1
Number of Weeks /and Units Per Semester			16	32	

B. Case Studies and Practical Aspect:

No.	Tasks/ Experiments	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	Advanced Java environment setup and coding exercises	1	2	c1
2	Implementing control structures and Function implementation and usage in Java	2	4	a1,a2, a3
3	Arrays and Data Structures in Java	2	4	a2,a2, a3
4	Function implementation and usage	1	2	a2,a2, a3
5	Midterm Exam	1	2	a1,a2,a3,c1
6	File handling and exception management in	1	2	a2,a3,b1



	Java			
7	Database operations using JDBC	2	4	a2,a3,b1, c1
8	Creating GUI for health applications using JavaFX	2	4	a2,a3,a4,b1, c1
9	Multithreading exercises in health data processing	1	2	a2,a3,a4,b1
10	Networking applications for health data transfer	1	2	a2,a3,a4,b1
11	Final project implementation in Java	1	2	a2, a3,a4, b1,b2,c1,d1,d2
Number of Weeks /and Units Per Semester		15	30	

C. Tutorial Aspect:

No.	Tutorial	Number of Weeks	Contact Hours
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
Number of Weeks /and Units Per Semester			

VI. Teaching Strategies of the Course:

Knowledge and Understanding Skills is developed through:

- Lectures
- Discussion

- Presentation
- Self-learning

Intellectual Skills are developed through:

- Lectures
- Tutorials
- Discussion
- Case studies (CBL)
- Self-Learning
- Problem Based Learning (PBL)

Practical and professional Skills are developed through:

- Tutorials
- Training
- Case studies (CBL)
- Problem Solving Learning (PSL)
- Problem Based Learning (PBL)

General/Transferrable Skills are developed through:

- Discussion
- Case studies (CBL)
- Self-Learning
- Presentation

VII. Assessment Methods of the Course:

- Written exam (mid and final terms and quizzes),
 - Final practical exam
- Assignments

VIII. Assignments:

No.	Assignments	Week Due	Mark
1	Exercises and Home Works, Problem Solving (I)	3	3
2	Exercises and Home Works, Problem Solving (II)	9	3
3	Technical Report and Presentation.	11	4
Total			10

IX. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
1	Assignments	3,8,11	10	10 %
2	Quizzes 1 & 2	6,12	5	5 %
3	Mid-Term Theoretical Exam	9	10	10 %
4	Mid-Term Practical Exam	7	5	5 %
5	Final Practical Exam including Project Presentation & Evaluation	15	10	10 %
6	Final Theoretical Exam	16	60	60 %
Total			100	100%

X. Learning Resources:

- *Written in the following order:* Author, Year of publication, Title, Edition, Place of publication, Publisher.

1- Required Textbook(s) (maximum two):

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2- Essential References:

1. Bloch, J. (2023). Effective Java, 4th Edition. Boston, Addison-Wesley.

- Deitel, P. & Deitel, H. (2022). Java How to Program, Late Objects, 12th Edition. London, Pearson.
- Evans, B. & Warburton, R. (2023). Java in a Nutshell: A Desktop Quick Reference, 8th Edition. Sebastopol, O'Reilly Media

3- Electronic Materials and Web Sites etc.:

Websites:

- docs.oracle.com/javase - Java SE Documentation
- www.baeldung.com - Baeldung (Java Programming Tutorials)
- www.javaworld.com - JavaWorld

Journals:

- Journal of Systems and Software
- IEEE Software

Other Web Sources:

- GitHub - Java repositories and projects
- Stack Overflow - Java tagged questions and answers

XI. Course Policies: (Based on the Uniform Students' Bylaw (2007))

1	Class Attendance: Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes.
2	Tardiness: A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
3	Exam Attendance/Punctuality: No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed.
4	Assignments & Projects: Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.
5	Cheating: Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If it takes place in a final exam, the penalties stipulated for in the Uniform



	Students' Bylaw (2007) shall apply.
6	Forgery and Impersonation: Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
7	Other policies: The University official regulations in force will be strictly observed and students shall comply with all rules and regulations of the examination set by the Department, Faculty and University Administration.