اعتماد
NCAAA

T4

2020

Course Specifications

Course Title:	Advanced Internet Programming
Course Code:	عال 211
Program:	Programming Technology
Department:	Applied Sciences
College:	Applied College
Institution:	Imam Mohammad Bin Saud Islamic University

Table of Contents

A. Course Identification

1. Credit hours: 3 (2 Theory, 2 lab)	

2. Course type:

a.	University	☐	College	☐	Department	✓	Others	☐
b.		Required	✓	Elective	☐		

3. Level/year at which this course is offered: Fifth Level

4. Pre-requisites for this course (if any)**:**
عال 210

5. Co-requisites for this course (if any)**:**
N/A

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional classroom**		
2	**Blended**	48	100%
3	**E-learning**		
4	**Distance learning**		
5	**Other**		

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	24
2	**Laboratory/Studio**	24
3	**Tutorial**	
4	**Others** (specify)	120
	Total	168

B. Course Objectives and Learning Outcomes

1. Course Description

The course contains several topics that enable the student to create an interactive website with high-level visitors on the Internet. This includes studying the PHP language, which enables the programmer to write applications that are executed on the website server side and generate the required HTML pages online. The course also addresses the topic of using Java beans, which help achieve the principle of data separation and programs (Codes), which achieve a better design cycle for the site.

The course also includes studying how to link the interactive website program to a specific database and how to query data within the database. The course includes a study of how to manage the state of the program when it deals with more than one visitor, using the concept of sessions, which achieves the type of privacy required for each visitor.

Throughout the semester, the course includes an integrated case study in which all the previous tools are used in addition to the experiences gained in the relevant courses to build an integrated interactive website.

This course is one of the courses that qualify for the following certificates:

- Zend PHP Certification.
- Microsoft Certified Solutions Associate (MCSA: Web Applications) Exam 70-480: Programming in HTML5 with JavaScript and CSS3.

2. Course Main Objective

The course aims to enable the student to build an advanced dynamic site on the Internet.

3. Course Learning Outcomes

	CLOs	Aligned-PLOs
1	**Knowledge and Understanding**	
1.1	Identify the concept of the Internet and other concepts associated with it and distinguish between them.	ع1، ع2، ع4، ع5
1.2	Learn about HTML and its basic components.	ع1، ع2، ع4، ع5
1.3	Familiarity with the basic and general concepts of the language (PHP) for Internet programming.	ع1، ع2، ع4، ع5
2	**Skills:**	
2.1	Ability to use basic commands and instructions in the language (PHP) and validate the entered data	م1، م2، م3، م4، م5، م7
2.2	Ability to use of structural control sentences with their various tools	م1، م2، م3 م4، م5، م7
2.3	Proficiency in dealing with functions, models and matrices in the language (PHP).	م1، م2، م3، م4، م5، م7
2.4	Ability to connect to databases and query data in them	م1، م2، م4، م5، م7
2.5	Proficiency in working with files in PHP language.	م1، م2، م4، م5، م7
2.6	Using information and communication technology in communication, exchange of ideas, scientific research, and performance of tasks and costs.	م1، م2، م7
2.7	Practice critical thinking and solve problems facing the learner in the course in creative ways.	م1، م2، م7
3	**Values:**	
3.1	Collaboration, teamwork, and professional ethics.	ق1
3.2	Take the responsibility for continuous learning, and self-development.	ق2
3.3	Effective and efficient time management when applying acquired knowledge and skills.	ق3

C. Course Content

No	List of Topics	Contact Hours
1	**Introduction to Internet Programming:** • The concept of the Internet. • The difference between client and server. • Internet browser. • The concept of protocol. • Internet services. • TCP/IP protocol. • How to build HTML web pages. • HTML file components. • How to write an HTML program. • Types of web pages.	4

2	**Introduction to PHP:**
	• The concept of PHP.
	• Components of the PHP language:
	  o Comments.
	  o Variables and constants.
	  o Operations:
	    ✓ Attributive operations.
	    ✓ Calculations operations
	    ✓ Relational operations.
	    ✓ Boolean operations.
	  o Print codes (echo-print-printf-sprintf).
	  o Structural control tools:
	    ✓ Condition tools (if-if else-elseif-switch).
	    ✓ Overlapping, rotation tools (for-while-do while).
	    ✓ Turning tools (break-continue).
		8

3	**Functions:**
	• The concept of functions.
	• Types of functions:
	  o Ready-made functions:
	    ✓ isset.
	    ✓ defined.
	    ✓ require.
	    ✓ include.
	    ✓ Strlen.
	    ✓ strtolower.
	    ✓ strtoupper.
	    ✓ str_replace.
	    ✓ htmlentities.
	    ✓ date.
	  o Programmer-defined functions:
	    ✓ How to create.
	    ✓ Characteristics.
	    ✓ The method of recall the function.
		8

4	**Forms:**
	• The concept of forms.
	• Types of data transmission:
	   o Send values between pages.
	   o Transmission via links.
	   o Post via forms (get-post).
	• Types of forms input.
		8

5	**Databases:** • Review of the databases. • How to access the databases. • How to connect the database. • How to query the database through created site.	8

6	**Arrays:**
	• The concept of arrays.
	• Types of arrays:
	   o Digital arrays.
	   o Arrays with two-dimensional.
	   o Arrays literal.
		4

7	**Sessions and cookies:** • Moving between web pages. • The difference between sessions and cookies in terms of concept and programming.	4
8	**Files:** • The concept of files. • The file paths. • How to check for the existence of a file. • The file sizes. • The method of modification date on the file. • How to copy or move a file. • How to open the file for reading and writing. • How to search and read in the file. • How to close the file. • How to delete a file.	4
Total		48

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	**Knowledge and Understanding**		
1.1	Identify the concept of the Internet and other concepts associated with it and distinguish between them.	Class lectures. Class discussion. Questions/Answers session in class. Home work. Learning by discovery. Self-education. Brainstorming. Online search. KWL learning table. Mind maps. Concept maps.	Quizzes. Homework and Assignments. Written and online exams. Writing reports. Presentations. Discussion and debate. Achievement file. Performance tests.
1.2	Learn about HTML and its basic components.		
1.3	Familiarity with the basic and general concepts of the language (PHP) for Internet programming.		
2.0	**Skills**		
2.1	Ability to use basic commands and instructions in the language (PHP) and validate the entered data	Class lectures. Class discussion. Questions/Answers session in class. Home work. Learning by discovery. Self-education. Brainstorming. Online search. Mind maps. Concept maps.	Quizzes. Homework and Assignments. Written and online exams. Writing reports. Presentations. Discussion and debate. Achievement file. Performance tests.
2.2	Ability to use of structural control sentences with their various tools		
2.3	Proficiency in dealing with functions, models and matrices in the language (PHP).		
2.4	Ability to connect to databases and query data in them		
2.5	Proficiency in working with files in PHP language.		
2.6	Using information and communication technology in communication, exchange of ideas, scientific research, and performance of tasks and costs.		
2.7	Practice critical thinking and solve problems facing the learner in the course in creative ways.		
3.0	**Values**		
3.1	Collaboration, teamwork, and professional ethics.	Class lectures. Class discussion. Questions/Answers session in class. Home work. Learning by discovery. Self-education. Brainstorming. Online search. Mind maps. Concept maps.	Quizzes. Homework and Assignments. Written and online exams. Writing reports. Presentations. Discussion and debate. Achievement file. Performance
3.2	Take the responsibility for continuous learning, and self-development.		
3.3	Effective and efficient time management when applying acquired knowledge and skills.		

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Mid-Term	Week 7	15%
2	Quizzes (2 Quizzes)	Week 5, 10	10%
3	Practical Evaluation	Week 2-11	20%
4	Programming Project	Week 11	10%
5	Participation	All Semester	5%
6	Final	Week12	40%
7	Total Marks		100%

*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

- o Publishing the guidelines prepared by the Deanship of Admission and Registration Affairs.
- o Allocating office hours for faculty members to follow up on students' academic inquiries, respond to e-mail, communicate through electronic systems, and provide feedback.
- o Seeking to solve the academic problems for students and all related to the causes of dismissal, academic stumbling, delay and low average.

F. Learning Resources and Facilities

1.Learning Resources

Course reference	1. Programming PHP: Creating dynamic web pages. O'Reilly Media; 2020 Mar 12 by Tatroe, Kevin, and Peter MacIntyre. 2. The Complete Reference (Complete Reference) - by Phil Hanna; Paperback 2.
Essential References Materials	N/A
Electronic Materials	Online resources will be provided during class lectures on LMS.
Other Learning Materials	N/A

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Classroom – A computer lab equipped and connected to a shared printer and the internet.
Technology Resources (AV, data show, Smart Board, software, etc.)	Smart board, data projector, Internet browser and Xampp AppServ Software.
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	N\A

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching and assessment.	Peer references – students.	1. Questionnaires and referendums approved by the department. 2. Peer evaluation of faculty members. 3. Review the results of the students' evaluation.
Effectiveness of student assessment methods.	Peer references - program leaders - faculty members – students.	1. Questionnaires and referendums approved by the department. 2. Review course descriptions and course reports periodically. 3. Peer evaluation and periodic exchange of correction and scrutiny among fellow faculty members. 4. Review samples of students' work.
Learning Resources.	Program leaders - faculty members - students	1. Questionnaires and referendums approved by the department. 2. Write-offs and monitoring.
Achieved learning outcomes of the course.	Program leaders - faculty members.	1. Review the course report. 2. Analysis of exams forms, grades, students' work and records of achievement.

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	Department of Applied Sciences – Applied College
Reference No.	
Date	

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T4

2020

Course Specifications

Course Title:	Database Programming
Course Code:	CS 231
Program:	Computer Science (Programming)
Department:	Applied Sciences
College:	Applied College
Institution:	Imam Muhammad Bin Saud Islamic University

Table of Contents

A. Course Identification

1. Credit hours: 3 (2 theory , 2 lab)	

2. Course type

a.	University	☐	College	☐	Department	**x**	Others ☐
b.		Required	**x**		Elective	☐	

3. Level/year at which this course is offered: Level 5

4. Pre-requisites for this course (if any)**:** CS 230

5. Co-requisites for this course (if any)**:** N/A

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional classroom**		
2	**Blended**	44	100%
3	**E-learning**		
4	**Distance learning**		
5	**Other**		

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	22
2	**Laboratory/Studio**	22
3	**Tutorial**	
4	**Others** (assignments, self-study, projects, research, tests, and teamwork)	110
	Total	154

B. Course Objectives and Learning Outcomes

1. Course Description

This course deepens the student's understanding of how to build database programs and use code to apply advanced ideas in models such as the concept of protection. In addition to advanced concepts in forms such as making lists and making reports. The course includes throughout the semester an integrated case study in which all the previous tools are employed in addition to the experience gained in the relevant courses to build Integrated project. This course is one of the courses eligible for the following certificates:

- Oracle PL/SQL Developer Certified Associate (JP) Certification Overview.
- Oracle Database SQL Certified Associate Certification Overview.

2. Course Main Objective

This course aims to enhance the student's understanding of forms, reports and how to write and use code to program various (Events) in addition to some new ideas such as the concept of protection and how to apply it at the database level using the (SQL) language and how to deal with it through forms as well as creating an integrated application that contains all the tools studied by the student.

3. Course Learning Outcomes

	CLOs	Aligned-PLOs
1	**Knowledge and Understanding**	
1.1	Familiarity with advanced database concepts	ع1، ع2، ع3، ع5
1.2	Knowledge of the theoretical foundations of database programming in SQL	ع1، ع2، ع3، ع5
2	**Skills :**	
2.1	Grant and manage user permissions for databases.	م1، م2، م5، م7
2.2	Write the appropriate code in SQL to follow and apply protection to databases.	م1، م2، م4، م5، م7
2.3	Proficiency in dealing with Oracle databases using PL/SQL language	م1، م2، م4، م7
2.4	Use Oracle database tools efficiently and effectively.	م1، م2، م4، م7
2.5	Use of information and communication technology in communication, exchange of ideas, scientific research, performance of tasks and costs.	م1، م2، م7
2.6	Practice critical thinking and solve problems facing the learner in the course in creative ways.	م1، م2، م7
3	**Values:**	
3.1	Cooperation, teamwork, and professional ethics.	ق1
3.2	Take responsibility for continuous learning and continue personal development.	ق2
3.3	Manage time efficiently and effectively when applying the acquired knowledge and skills.	ق3

C. Course Content

No	List of Topics	Contact Hours
1	**Introduction to Oracle:** • The concept of oracle and its history. • **Oracle Database Tools:** o SQL language. o PL/SQL language o SQL Plus Editor o Oracle Developer Application o Prototype building program. o Report building software. o Graphics building software.	4
2	**User management and protection concept:** • **User management in databases:** o Roles in database (Sysadmin). o Protect database with password (Password) o Definition of the different privileges that can be granted to users (System privileges) o Definition of the different privileges that can be granted - to a specific user on a specific object (Object privileges) o How to apply protection at different levels of the database, especially at the level of structural query language and forms, and what is the difference between them. o How to write the appropriate code in the form to deal with the different privileges granted to the user. • **The concept of database protection using the (Deny) command to work on:** o Data Integrity (Data Safety) o Data Encryption o Delete Statement	4

3	**Introduction to PL/SQL for Oracle database building:**
	• Features of PL/SQL.
	• The general form of the module.
	• Types of modules.
	• Writing programs in PL/SQL.
	• Variables in PL/SQL.
	• **PL/SQL components:**
	 o **Data types**
	  ▪ (Type%) feature
	  ▪ (RowType%) feature
	 o Print statement
	 o **Operations used in PL/SQL language:**
	  ▪ Mathematical operations
	  ▪ Logical operations
	  ▪ Comparison operations
	  ▪ Comments
	 o **Using Functions:**
		8

	▪ Single-row functions in (SQL)
	▪ Number Functions
	▪ Character Functions
	▪ Date Functions
	▪ Conversion functions between different data types.
	▪ (TO_CHAR)
	▪ (TO_NUMBER)
	▪ (TO_DATE)
	o Nested Blocks
	o The use of Data Manipulation Language (DML) within the programming modules.
	o **PL/SQL Statements:**
	   ▪ Create Statement
	   ▪ Insert Statement
	   ▪ Select Statement
	   ▪ Update Statement	

4	**Stored procedures and Functions:**
	
	• **Stored procedures:**
	  o What is stored procedure?
	  o Procedures processes:
	    ▪ Create Stored procedures.
	    ▪ Create a stored procedure containing transactions.
	    ▪ Edit stored procedure.
	    ▪ Review Stored procedures definition.
	    ▪ Rename Stored procedures.
	    ▪ Delete Stored procedures.
	• **Functions:**
	  o What are functions?
	  o Dealing with functions:
	    ▪ Create a function in (PL/SQL).
	    ▪ Function Call.
	• The difference between procedures and functions.
		8

5	**Transactions:**
	• Using Transactions
	• Designing Transactions
	• Transactions state
	• **Transactions boundaries:**
	  o Local Transactions
	  o Distributed Transactions
		4

6	**Building models:**
	• How to build an integrated database application by linking different forms to the main form that represents the main system screen (Multi-Form Application).
	• **Types of models:**
	  o Bound models, and Unbound models
	  o Build models to pass data to tables.
	  o Build models to display data from tables.
		8

	• Using basic elements (Objects) in designing and programming forms (command button, text fields, drop-down lists). • How to build lists within forms. • Format forms.	
7	**Building Reports:** • Building reports from a single table. • Building reports with mixed data (from more than one table). • How to make a form to call a specific report and send a set of values as input to that report. • How to program the print interface in reports such as a printer, file or screen.	4
8	**Database Triggers:** • What is Trigger. • How to create Trigger. • Trigger types in terms of implementation. • Why using Trigger. • Using conditional words (NEW, OLD). • Examples of Trigger uses.	4
Total		44

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	**Knowledge and Understanding**		
1.1	Familiarity with advanced concepts of databases.	• Classroom Lecture • Dialogue and discussion • Survey • Discovery Learning • Self-learning • Developed lecture • Brainstorming • Web Survey • KWL Learning Schedule • Mind maps • Concept Maps	• Traditional and electronic achievement tests • Classroom questions • Assignments and periodic assessments • Presentations • Discussion and debate • Cognitive performance tests • Achievement file
1.2	Knowledge of the theoretical foundations of database programming in SQL		
2.0	**Skills**		
2.1	Grant and manage user permissions for databases.	• Practical presentation • Developed lecture • Discovery learning • Peer learning • Self-learning	• Presentations • Grading scales • Performance tests • Production metrics • Observation • Software projects
2.2	Write the appropriate code in SQL to follow and apply protection to databases		
2.3	Proficiency in dealing with Oracle databases using PL/SQL		

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
2.4	Use Oracle database tools efficiently and effectively.	• Dialogue and discussion • Web polling • Brainstorming • Cooperative learning • Problem solving • Project-based learning • E-discussion forums	• Achievement File • Peer Evaluation • Self-Evaluation
2.5	Using information and communication technology in communication, exchange of ideas, scientific research, and performing tasks and assignments.		
2.6	Practice critical thinking and solve problems facing the learner in the course in creative ways.		
3.0	**Values**		
3.1	Cooperation, teamwork and professional ethics	• Project-Based Learning • Collaborative Learning • Dialogue and discussion • Practical lecture • Modeling and role models • Web polling	o Note cards o Discussion and dialogue o Classroom Questions o Grading metrics o Measures of values o Self-evaluation o Peer Evaluation • Achievement File
3.2	Take responsibility for continuous learning, and continue personal development.		
3.3	Manage time efficiently and effectively when applying the acquired knowledge and skills.		

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Midterm	Week 6	15 %
2	Quizzes (3-4 quizzes)	All Semester	10 %
3	Lab Evaluations	All Semester	20 %
4	Project	Week 10	10 %
5	Participation	All Semester	5 %
6	Final	Week 13	40 %
	Total		**100 %**

**Assessment task* (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice :
- Distributing guidelines prepared by the Deanship of Admission and Registration Affairs.
- Allocate office hours for faculty members to follow up on students' academic inquiries, communicate via e-mail and the course page on the Blackboard system, activate discussions, support, and provide feedback.
- Studying the academic problems of college students and everything related to the reasons for dismissal, academic stumbling, delay, and low average.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	1. Oracle Developer: Build Forms II – Volume 1, ORACLE Corporation, 2111. 2. Oracle Reports: Build Reports Volume 2. ORACLE Corporation, 2111. 3. Enhanced Guide to Oracle 4i, J. Morrison, M. Morrison. Course Technology 2112.
Essential References Materials	-
Electronic Materials	The course website on the Internet through the Blackboard platform, through which assignments are submitted electronically, discussion questions are asked, and the course content is uploaded so that the student can return to lectures in full, publish electronic quizzes, and educational videos related to the course, and advertisements for the course are displayed and direct feedback is provided according to what the course professor sees.
Other Learning Materials	-

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Classrooms, Computer laboratories
Technology Resources (AV, data show, Smart Board, software, etc.)	Data show, Smart Board, and the following software: • virtual box • Win xp • Oracle db 11g • Oracle developer 10g
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	-

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
The effectiveness of teaching methods.	Peer References – Students	1. Questionnaires and referendums approved by the department. 2. Peer evaluation of faculty members. 3. Review the results of students' evaluation.
The effectiveness of student assessment methods.	Peer references – program leaders – faculty members – students	1. Questionnaires and referendums approved by the department. 2. Review course descriptions and course reports periodically. 3. Peer evaluation and periodic exchange of correction and scrutiny between faculty colleagues. 4. Review samples of students' work.
Learning Resources.	Program Leaders – Faculty Members – Students	1. Questionnaires and referendums approved by the department. 2. Write-off and monitoring lists.
The extent to which the learning outcomes of the course have been achieved.	Program Leaders – Faculty Members	1. Review the course report. 2. Analyze test forms, grades, student work and achievement records

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	
Reference No.	
Date	

اعتماد
NCAAA

T4

2020

Course Specifications

Course Title:	Programming 3
Course Code:	عال 221
Program:	Programming Technology
Department:	Applied Sciences
College:	Applied College
Institution:	Imam Mohammad Bin Saud Islamic University

Table of Contents

A. Course Identification

1. **Credit hours:**	3 (2 Theory, 2 lab)

2. **Course type:**								
a.	University	☐	College	☐	Department	✓	Others	☐
b.	Required	✓	Elective	☐				

3. **Level/year at which this course is offered:** Fifth Level

4. **Pre-requisites for this course** (if any)**:**
عال 220

5. **Co-requisites for this course** (if any)**:**
N/A

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional classroom**		
2	**Blended**	48	100%
3	**E-learning**		
4	**Distance learning**		
5	**Other**		

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	24
2	**Laboratory/Studio**	24
3	**Tutorial**	
4	**Others** (specify)	120
	Total	168

B. Course Objectives and Learning Outcomes

1. Course Description

This course covers advanced topics in the field of object programming, including the concept of polymorphism and discusses linking the programming with database connectivity, which enables the programmer to write factions with greater capabilities. Therefore, the course covers the topic of handling exceptions that occur during program execution, which ensures that the computer does not crash due to the program and the course also deals with methods of dealing with graphical interfaces.

Throughout the semester, the course includes an integrated case study in which all previous tools are used, in addition to the experiences gained in the relevant course is to build an integrated project.

2. Course Main Objective

The course aims to give the student higher skills in programming science to be able to propose solutions to problems in new ways and formulate them in the form of a computer program, and the ability to write advanced software using advanced object programming OOP.

3. Course Learning Outcomes

	CLOs	Aligned-PLOs
1	**Knowledge and Understanding**	
1.1	Familiarity with the detailed concepts of Advanced Object-Oriented Programming (OOP Advanced).	ع1، ع2، ع5
2	**Skills:**	
2.1	Ability to deal with the basic principles of object-oriented programming.	م1، م2، م7
2.2	Proficiency in linking databases properly with programs written in Java.	م1، م2، م3، م4، م5، م7
2.3	Distinguishing exceptions, their causes and ways to use them.	م1، م2، م3، م4، م7
2.4	Convert source files into programs with interactive graphical interfaces with the user.	م1، م2، م3، م4، م7
2.5	Using information and communication technology to exchange the ideas, scientific research, and the performance of tasks and costs.	م1، م2، م7
2.6	Practice critical thinking and solve problems facing the learner throughout the course in creative ways.	م1، م2، م7
3	**Values:**	
3.1	Collaboration, teamwork, and professional ethics.	ق1
3.2	Take the responsibility for continuous learning, and self-development.	ق2
3.3	Effective and efficient time management when applying acquired knowledge and skills.	ق3

C. Course Content

No	List of Topics	Contact Hours

1	**Basic principles of object-oriented programming (OOP):**
	• Inheritance:
	    ○ The concept of inheritance.
	    ○ Addressing inherited methods.
	    ○ Replacement (overriding) inherited methods.
	• Polymorphism:
	    ○ Types.
	    ○ The basics of polymorphism.
	• Encapsulation.
	• Abstraction.
		12

2	**Database connectivity:** • Connection tools • Programming linking Tools • Executing querying	12
3	**Exception Handling**: • Exception method. • Catching the causes of the exception.	8
4	**Dealing with graphical interfaces:** • Interfaces. • Processing of interface objects. • Swing components. • Working with text fields & buttons. • Working with checkbox & radio Buttons. • Working with combo boxes. • Using JOptionPane & List. • Event handling. • Mouse event handling. • Keyboard handling.	16
Total		48

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	**Knowledge and Understanding**		
1.1	Familiarity with the detailed concepts of Advanced Object-Oriented Programming (OOP Advanced).	Class lectures. Class discussion. Questions/Answers session in class. Home work. Learning by discovery. Self-education. Brainstorming. Online search. KWL learning table. Mind maps. Concept maps.	Quizzes. Homework and Assignments. Written and online exams. Writing reports. Presentations. Discussion and debate. Achievement file. Performance tests.
2.0	**Skills**		
2.1	Ability to deal with the basic principles of object-oriented programming.	Class lectures. Class discussion. Questions/Answers session in class. Home work. Learning by discovery. Self-education. Brainstorming. Online search. Mind maps. Concept maps.	Quizzes. Homework and Assignments. Written and online exams. Writing reports. Presentations. Discussion and debate. Achievement file. Performance tests.
2.2	Proficiency in linking databases properly with programs written in Java.		
2.3	Distinguishing exceptions, their causes and ways to use them.		
2.4	Convert source files into programs with interactive graphical interfaces with the user.		
2.5	Using information and communication technology to exchange the ideas, scientific research, and the performance of tasks and costs.		
2.6	Practice critical thinking and solve problems facing the learner throughout the course in creative ways.		
3.0	**Values**		
3.1	Collaboration, teamwork, and professional ethics.	Class lectures. Class discussion. Questions/Answers session in class. Home work. Learning by discovery. Self-education. Brainstorming. Online search. Mind maps. Concept maps.	Quizzes. Homework and Assignments. Written and online exams. Writing reports. Presentations. Discussion and debate. Achievement file. Performance
3.2	Take the responsibility for continuous learning, and self-development.		
3.3	Effective and efficient time management when applying acquired knowledge and skills.		

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Mid-Term	Week 7	15%
2	Quizzes (2 Quizzes)	Week 5, 10	10%
3	Practical Evaluation	Week 2-11	20%
4	Programming Project	Week 11	10%
5	Participation	All Semester	5%
6	Final	Week12	40%
7	Total Marks		100%

*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

- o Publishing the guidelines prepared by the Deanship of Admission and Registration Affairs.
- o Allocating office hours for faculty members to follow up on students' academic inquiries, respond to e-mail, communicate through electronic systems, and provide feedback.
- o Seeking to solve the academic problems for students and all related to the causes of dismissal, academic stumbling, delay and low average.

F. Learning Resources and Facilities

1.Learning Resources

Course reference	1. Java: how to program, by P.J. Deitel and H.M. Deitel
Essential References Materials	2. Head First Java, by Kathy Sierra and Bert Bates. 3. Java: A Beginner's Guide, by Herbert Schildt. 4. Effective Java: Programming Language Guide (Java Series), by Joshua Bloch. 5. Simple Program Design, by Lesley Robertson
Electronic Materials	Online resources will be provided during class lectures on LMS.
Other Learning Materials	N/A

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Classroom – A computer lab equipped and connected to a shared printer and the internet.
Technology Resources (AV, data show, Smart Board, software, etc.)	Smart board, data projector, Internet browser and NetBeans Software.
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	N\A

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching and assessment.	Peer references – students.	1. Questionnaires and referendums approved by the department. 2. Peer evaluation of faculty members. 3. Review the results of the students' evaluation.
Effectiveness of student assessment methods.	Peer references - program leaders - faculty members – students.	1. Questionnaires and referendums approved by the department. 2. Review course descriptions and course reports periodically. 3. Peer evaluation and periodic exchange of correction and scrutiny among fellow faculty members. 4. Review samples of students' work.
Learning Resources.	Program leaders - faculty members - students	1. Questionnaires and referendums approved by the department. 2. Write-offs and monitoring.
Achieved learning outcomes of the course.	Program leaders - faculty members.	1. Review the course report. 2. Analysis of exams forms, grades, students' work and records of achievement.

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

H. Specification Approval Data

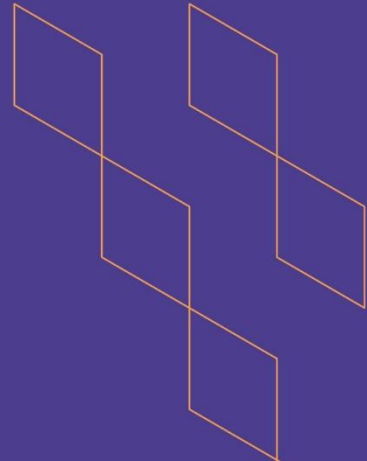| Council / Committee	Department of Applied Sciences – Applied College
Reference No.	
Date	

Course Specification

Course Specification

Education & Training Evaluation Commission
هيئة تقويم التعليم والتدريب

Course Code: CS 0299	
Program: Programming	
Department: Applied Sciences	
College: Applied College	
Institution: Imam Mohammad Bin Saud Islamic University	
Version: 1st version	
Last Revision Date: 2023/11/26	

Table of Contents:

A. General information about the course:

Course Identification	
1. Credit hours:	2 (1 Theory, 2 lab)

2. Course type:

a.	University ☐	College ☐	Department☒	Track☐	Others☐
b.	Required ☒	Elective☐			

3. Level/year at which this course is offered: 3rd Level

4. Course general Description:

The Graduation Project in Programming is a capstone course designed to provide students with an opportunity to apply the knowledge and skills acquired throughout their programming diploma program. Students will work on a substantial project or research topic related to programming, demonstrating their ability to analyze, design, implement, and evaluate solutions to real-world programming challenges.

This course conducted under the general guidance of an approved faculty member. The course will allow the student to develop various skills, within a context that students will find relevant and engaging. Towards the end of the semester, the students should submit a project report and give a formal presentation.

5. Pre-requirements for this course (if any): N/A

6. Co- requirements for this course (if any): N/A

7. Course Main Objective(s):

The main objective of this course is to provide students with an opportunity to apply the knowledge and skills acquired throughout their programming diploma program.
By the end of the course, students will be able to:

1. Formulate a comprehensive project proposal that addresses a significant programming issue or research question.
2. Apply relevant programming concepts, principles, and techniques to analyze, design, and develop a solution or research methodology.
3. Conduct in-depth research and critically analyze existing literature and practices related to the chosen project topic.
4. Implement and test the proposed solution or research methodology, considering programming best practices and ethical considerations.
5. Evaluate the effectiveness and impact of the project, considering relevant metrics and criteria.
6. Communicate project findings effectively through written reports and oral presentations.
7. Apply project management fundamentals
8. Demonstrate professionalism, teamwork, and time management skills throughout the project duration. *(become familiar with teamwork :team size of 3 to 5 students)*

1. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1.	Traditional classroom		
2.	E-learning		
3.	Hybrid • Traditional classroom • E-learning	36	100%
4.	Distance learning		

2. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	12
2.	Laboratory/Studio	
3.	Field	
4.	Tutorial	12
5.	Others (specify) Seminars: The course emphasises group work, guided by weekly face to face (or online) meetings with the advisor (group project supervisor)	12
	Total	36

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Identify a programming problem	ع1، ع2، ع5	Lectures, Class Discussions	Tutorials
1.2	Demonstrate in-depth knowledge and understanding of programming concepts, principles, and technologies.	ع1، ع2، ع5		
1.3	Familiarity with international and national regulations and systems related to programming .	ع1، ع2، ع4		
1.4	Develop robust project management techniques	ع1، ع2، ع5		
2.0	Skills			
2.1	Apply critical thinking and problem-solving skills to	م1، م2، م3	Seminars	Tutorials

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
	identify and address programming challenges.		Class Discussions	
2.2	Conduct independent research and analysis to propose innovative solutions in programming.	م1، م2، م3، م4، م7		
2.3	Provide a link to the practical experiences of industry professionals, showcasing the relevance of computer security in real-world scenarios.	م1، م2، م4، م6، م7		
2.4	Deliver plans clearly and concisely orally, visually and in a written form	م1، م2، م6، م7		
3.0	Values, autonomy, and responsibility			
3.1	Collaboration, teamwork, and professional ethics.	ق1		
3.2	Take the responsibility for continuous learning, and self-development.	ق2	Class Discussions, Class Activity	Group Project Report
3.3	Effective and efficient time management when applying acquired knowledge and skills.	ق3		

C. Course Content

No	List of Topics	Contact Hours
1.	• **Project Proposal Development:** • Identifying a programming problem or research question with a clear problem statement, objectives, and methodology. • Conducting a literature review and gap analysis • Conducting a feasibility study and assessing the resources required.	8
2.	• **Project Planning and Management:**	6

	• Project planning, including defining project milestones, tasks, and deliverables. • Risk assessment and mitigation strategies. • Project scheduling and time management.	
3	• **Project Implementation and Testing** • Designing and developing the proposed solution or research methodology. • Implementing programming controls and measures. • Conducting testing, data collection, and analysis. • Iterative development and refinement. • Addressing security, privacy, and quality assurance considerations.	6
4	• **Project Documentation and Reporting:** • Writing technical reports and documentation following industry standards. • Creating project artifacts, such as design documents, user manuals, and system documentation. • Presenting project findings and results effectively	6
5	• **Project Evaluation and Documentation:** • Evaluating the effectiveness and impact of the project. • Assessing project outcomes against predefined metrics and criteria. • Documenting project findings, including lessons learned and recommendations. • Writing a comprehensive project report.	6
6	• **Project Presentation:** • Preparing and delivering a professional oral presentation. • Demonstrating effective communication skills. • Responding to questions and feedback.	4
Total		**36**

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	**Quizzes and Assignments**	2,5,7	30%
2.	**Project**	Week 5, 10	30%
3.	**Final Exam (Viva-voce)**	12	40%
7	**Total Marks**		100%

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.)

E. Learning Resources and Facilities
1. References and Learning Resources

Essential References	N/A
Supportive References	N/A
Electronic Materials	Online resources will be provided during class lectures on LMS.
Other Learning Materials	N/A

2. Required Facilities and equipment

Items	Resources
Facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	classrooms
Technology equipment (projector, smart board, software)	Data show, internet, PC
Other equipment (depending on the nature of the specialty)	N/A

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Peer references – students.	1.Questionnaires and referendums approved by the department. 2.Peer evaluation of faculty members. 3.Review the results of the students' evaluation.
Effectiveness of students assessment	Peer references - program leaders - faculty members – students.	1.Questionnaires and referendums approved by the department. 2.Review course descriptions and course reports periodically. 3.Peer evaluation and periodic exchange of correction and scrutiny among fellow faculty members.

Assessment Areas/Issues	Assessor	Assessment Methods
		4.Review samples of students' work.
Quality of learning resources	Program leaders - faculty members - students	1.Questionnaires and referendums approved by the department. 2.Write-offs and monitoring.
The extent to which CLOs have been achieved	Program leaders - faculty members.	1.Review the course report. .
Other		

Assessor (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
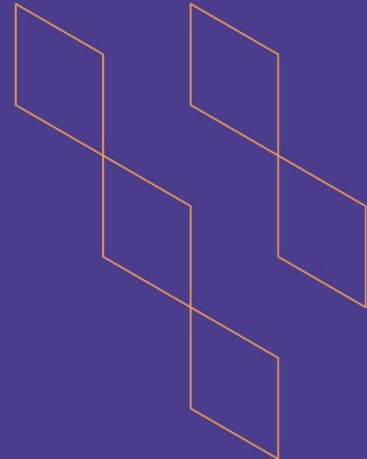**Assessment Methods** (Direct, Indirect)

G. Specification Approval Data

COUNCIL /COMMITTEE	Department of Applied Sciences – Applied College
REFERENCE NO.	
DATE	

Course Specification

Course Title:	**Emerging Trends in information technology**
Course Code:	**Cs 262**
Program:	**Computer Science**
Department:	**(Cybersecurity – Programming -Networks)**
College:	**Applied College**
Institution:	**Al Imam Mohammed Bin Saud Islamic University**
Version:	*Course Specification Version Number*
Last Revision Date:	*Pick Revision Date.*

Table of Contents:

A. General information about the course:

Course Identification	
1. Credit hours:	3

2. Course type

a.	University ☐	College ☐	Department ☒	Track☐	Others☐
b.	Required ☒	Elective☐			

3. Level/year at which this course is offered: Level 5

4. Course general Description
In this course, the student is introduced to a group of modern topics in the field of computers and information technology that keep pace with the rapid development the world is witnessing in these fields.
Throughout the semester, the course includes an integrated case study in which one of the course tools is used in addition to the experiences gained in the relevant courses to build an integrated project.

5. Pre-requirements for this course (if any):
None

6. Co- requirements for this course (if any):
None

7. Course Main Objective(s)
This course aims to enable the student to learn about the most prominent progress and innovation witnessed in science and technology in the various fields of technology, to spread awareness about the most important emerging issues in computer science and information technology.

1. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1.	Traditional classroom		
2.	E-learning		
3.	Hybrid • Traditional classroom • E-learning	33	100%
4.	Distance learning		

2. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	33
2.	Laboratory/Studio	
3.	Field	
4.	Tutorial	
5.	Others **(Assignments, self-study, projects, research, tests, and group work)**	110
	Total	143

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Knowledge of emerging issues in computer science and information technology, their importance and areas of employment.	ع1، ع5	• Class lecture • Discussion • Survey • Discovery learning • Self-education • Developed lecture • Brainstorming • survey • KWL learning schedule • Mind maps Concept maps	Achievement tests Class questions Assignments Presentations Discussion Achievement file
2.0	Skills			
2.1	Analyze and evaluate the information, knowledge and concepts acquired.	م1، م2، م7		
2.2	Apply information and findings from emerging technologies to new situations.	م1، م2، م7	• Practical demonstration • Developed lecture • Discovery learning • Peer learning • Self-education • Discussion • Survey • Brainstorming • Cooperative learning • Problem Solving Project-based learning	• Presentations • Performance tests • Production metrics • Observation • Software projects • Achievement file • Peer evaluation Self-evaluation
2.3	Searching for emerging technologies through the latest studies and scientific sources.	م1، م2، م7		
2.4	Using information and communications technology to communicate, exchange ideas, scientific research, and perform tasks and costs.	م1، م2، م7		
2.5	Practicing critical thinking and solving problems facing the learner in the course in creative ways.	م1، م2، م7		

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
3.0	Values, autonomy, and responsibility			
3.1	Cooperation, teamwork, and professional ethics.	ق1	• Project-based learning • Cooperative learning • Discussion • Practical lecture • Modeling and role modeling Survey	Observation cards Discussion Class questions Rating scales Self-assessment value scales Peer evaluation Achievement file
3.2	Take responsibility for continuous learning and continued personal development.	ق2		
3.3	Manage time efficiently and effectively when applying acquired knowledge and skills.	ق3		

C. Course Content

No	List of Topics	Contact Hours
1.	Artificial intelligence	6
2.	Application design and programming	9
3	Big data	3
4	Internet of things	6
5	Cloud computing	3
6	Blockchain Technology	3
7	Privacy and personal data regulations	3
Total		65

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Midterm	Week 6	20%
2.	Quizzes	Week 3,9	10%
3.	Project	Week 10	30%
4	Final Exam	Week 12	40%

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.)

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	1. artificial intelligence illuminated , Ben Coppin 2. Artificial Intelligence A Modern Approach , stuart Russell and Peter Norvig 3. Big Data: A Very Short Introduction , Dawn E. Holmes · 4. Introduction to IoT ,Sudip Misra, Anandarup Mukherjee, Arijit Roy 5. Internet of Things (IoT): Principles, Paradigms and Applications of IoT ,Dr Kamlesh Lakhwani, Dr Hemant Kumar Gianey, Joseph Kofi Wireko, Kamal Kant Hiran 6. Blockchain Technology and Applications , edited by Pethuru Raj, Kavita Saini, Chellammal Surianarayanan 7. Cloud Computing A Hands-on Approach 8. Data Protection and Privacy: (In)visibilities and Infrastructures ,edited by Ronald Leenes, Rosamunde van Brakel, Serge Gutwirth, Paul De Hert The implementing regulation of the personal data protection law ,Saudi law , SDAIA
Supportive References	--
Electronic Materials	The course website through the blackboard platform
Other Learning Materials	--

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Classroom Lab equipped with modern technologies in course vocabulary.
Technology equipment (projector, smart board, software)	Smartboard Projector
Other equipment (depending on the nature of the specialty)	---

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Peer reviewer - student	1. Questionnaires and referendums approved by the department. 2. Peer evaluation of faculty members. 3. Review student assessment results.
Effectiveness of students assessment	Peer references - program leaders - faculty members - students	1. Questionnaires and referendums approved by the department. 2. Review course descriptions and course reports periodically. 3. Peer evaluation and periodic exchange of correction and auditing among fellow faculty members. 4. Review samples of student work.
Quality of learning resources	Program leaders - faculty members - Students	1. Questionnaires and referendums approved by the department. 2. Delisting and monitoring lists.
The extent to which CLOs have been achieved	Program leaders - faculty members	1. Review the rapporteur's report. 2. Analyze test forms, grades, student work, and records of achievement.

Assessor (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

G. Specification Approval Data

COUNCIL /COMMITTEE	
REFERENCE NO.	
DATE	

توصيف المقرر الدراسي

اسم المقرر:	أخلاقيات المهنة	
رمز المقرر:	سلك 215	
البرنامج:	العلوم الإنسانية والإدارية — إدارة أعمال	
الكلية:	الكلية التطبيقية	
المؤسسة:	جامعة الإمام محمد بن سعود الإسلامية	

المحتويات:

أ. التعريف بالمقرر الدراسي:

| **1. الساعات المعتمدة:** | **2** |

2. نوع المقرر:

□√ *-إجباري   □ اختياري

| **3. السنة / المستوى الذي يقدم فيه المقرر** | |

4. المتطلبات السابقة لهذا المقرر (إن وجدت)

لا يوجد

5. المتطلبات المتزامنة مع هذا المقرر (إن وجدت)

6. نمط الدراسة (اختر كل ما ينطبق)

م	نمط الدراسة	عدد الساعات التدريسية	النسبة
1	المحاضرات التقليدية	10	40 %
2	التعليم المدمج	1	10%
3	التعليم الإلكتروني	1	10%
4	التعليم عن بعد	10	40%
5	أخرى		

7. ساعات الاتصال (على مستوى الفصل الدراسي)

م	النشاط	ساعات التعلم
1	محاضرات	22 ساعة
2	معمل أو أستوديو	-
3	حلقات بحث	-
4	أخرى (تذكر)	-
	الإجمالي	

ب-هدف المقرر ومخرجاته التعليمية:

1. الوصف العام للمقرر:

يتضمن هذا المقرر تعريف الطالب بأخلاقيات المهنة ومكانتها في الإسلام وتطبيقاتها في أنظمة المملكة العربية السعودية، وتوضيح الأهمية النظرية والتطبيقية من الالتزام بالمواثيق الأخلاقية لتعزيز التزام الطالب بها في نفسه وبيئة عمله.

2. الهدف الرئيس للمقرر

يهدف هذا المقرر إلى تنمية الحس الأخلاقي عند الطالب وجعل أخلاقيات المهنة ضرورة مهنية يجب الالتزام بها، وتوضيح قواعد السلوك الوظيفي والأنظمة الخاصة بالعمل والأهمية النظرية والتطبيقية من الالتزام بالمواثيق الأخلاقية.

3. مخرجات التعلم للمقرر:

	مخرجات التعلم للمقرر	رمز مخرج التعلم المرتبط للبرنامج
1	**المعرفة والفهم**	ع
1.1	**أن يتعرف الطالب على مفهوم الأخلاق وعوامل الاهتمام بعلم الأخلاقيات**	ع
1.2	**أن يتعرض للمفهوم النظري لأخلاقيات المراجعة الداخلية ومواثيقها**	ع
1.3	**أن يتعرف الطالب على مفهوم الأخلاق وعوامل الاهتمام بعلم الاخلاقيات**	ع
2	**المهارات**	
2.1	**أن يدرك الازمة الاخلاقية في المؤسسات المختلفة**	م

رمز مخرج التعلم المرتبط للبرنامج	مخرجات التعلم للمقرر	
م	ان يتعرف على الصورة الذهنية للأخلاقيات في المنظمات المختلفة	2.2
م	ان يتنبأ بالصورة المستقبلية لأخلاقيات المراجعة الداخلية	2.3
م	أن يدرك مهارة تحقيق الانضباط والالتزام الوظيفي	2.4
القيم		3
ق	ينجح الطالب في تطبيق هذه المهارات في حياته العملية	3.1
ق	يجيد الطالب بناء علاقات في بيئة العمل قائمة على القيم الأخلاقية	3.2
ق	ينجح الطالب في تطبيق هذه المهارات في المواقف الحياتية المختلفة	3.3

ج. موضوعات المقرر

ساعات الاتصال	قائمة الموضوعات	م
2	مفهوم ومعنى الأخلاق، وأهميتها ومكانتها بالنسبة لأي مهنة	1
4	العوامل التي أدت للاهتمام بأخلاقيات المهنة مصادر أخلاقيات المهنة	2
2	أخلاقيات العمل الوظيفي والانضباط والالتزام الوظيفي	3
2	قيم وأخلاقيات المهنة (الصدق، الأمانة، العدل، الإتقان، حسن التعامل، الايجابية ...)	4
4	أخلاقيات المهنة في أنظمة المملكة العربية السعودية (أنظمة وزارة الموارد البشرية، هيئة الرقابة ومكافحة الفساد)	5
8	الثقافة التنظيمية وأخلاقيات العمل أخلاقيات العمل ومهارات التواصل مع الآخرين (الفساد الإداري، السرقة والرشوة، الغش، إفشاء أسرار العمل وما يتعلق بالمخالفات الشرعية في المهنة، لوساطة المذمومة ...).	6 7 8
22	المجموع	

د. التدريس والتقييم:
1. ربط مخرجات التعلم للمقرر مع كل من استراتيجيات التدريس وطرق التقييم

طرق التقييم	استراتيجيات التدريس	مخرجات التعلم	الرمز
المعرفة والفهم			1.0
تقييم التكاليف	العروض التقديمية	ان يتعرف الطالب على مفهوم الأخلاق وعوامل الاهتمام بعلم الأخلاقيات	1.1
أسئلة النقاش	العروض التقديمية	أن يفهم الطالب العلاقة بين الثقافة التنظيمية وأخلاقيات العمل	1.2
تقييم دراسة الحالة	المحاضرة المطورة	أن يعرف مفهوم المسؤولية الاجتماعية لمنظمات الأعمال والأخلاقيات المرتبط بذلك	...
المهارات			2.0
تقويم الأقران لقياس مستوى التعاون وتحمل المسؤولية		أن يحقق الطالب مهارة الانضباط والالتزام الوظيفي	2.1
▪ المناقشة والحوار		يكتسب الطالب مهارة تقويم أخلاقيات العمل	2.2
تقويم الأقران لقياس مستوى التعاون وتحمل المسؤولية		يجيد الطالب مهارة التواصل داخل المجموعات الصغيرة والعمل ضمن الفريق	...
القيم			3.0
تقييم المشاريع		ينجح الطالب في تطبيق هذه المهارات في المواقف العملية والحياتية المختلفة	3.1
الاختبــارات التـحـريـريـة والشفهية		يجيد الطالب بناء علاقات انسانية مع الاخرين قائمة على الصدق والامانة.	3.2

2. أنشطة تقييم الطلبة

م	أنشطة التقييم	توقيت التقييم (بالأسبوع)	النسبة من إجمالي درجة التقييم
1	الحضور والمشاركة	طوال الفصـــــل الدراسي	10%
2	التكليفات العملية والمناقشة والمشاركة الفعالة	طوال الفصـــــل الدراسي	20%
3	الاختبارات المفاجئة والواجبات المنزلية	الاسبوع الثاني	10%
4	اختبارات الاعمال الفصلية	6 - 9	20%
5	الاختبار النهائي	13	40%

أنشطة التقييم (اختبار تحريري، شفهي، عرض تقديمي، مشروع جماعي، ورقة عمل الخ)

هـ ـ أنشطة الإرشاد الأكاديمي والدعم الطلابي:

- توزيع الأدلة الإرشادية المعدة من قبل عمادة شؤون القبول والتسجيل.
- تسليم مفردات المقرر والخطة الدراسية خلال الأسبوع الأول
- لهذا المقرر ساعة مكتبية يتم إعلام الطلاب بساعات تواجد استاذ المقرر في مكتبه لتقديم المشورة الأكاديمية.

و – مصادر التعلم والمرافق:

1. قائمة مصادر التعلم:

المراجع الرئيسة للمقرر	عصام عبد المحسن الحميدان -أخلاقيات المهنة في الإسلام القيم المهنية، أ.د محمود عطا عقل أخلاقيات الإدارة في الوظيفة العامة وتطبيقاتها في المملكة العربية السعودية. د. فهد العثيمين.
المراجع المساندة	أخلاقيات الوظيفة العامة. د. عبد القوي الصباح، عبد الرحمن -مبادئ الرقابة الإدارية -دار الزهران للنشر والتوزيع أخلاقيات العمل بين الدين والمجتمع. أحمد جابر حسنين وزارة الخدمة المدنية، أخلاقيات الوظيفة العامة، الرياض، الطبعة الثانية، ١٤٢٥ هـ وزارة الخدمة المدنية، مرشد الموظف الجديد، الرياض، الطبعة الثالثة، ١٤٢٥ هـ عصام عبد المحسن الحميدان، أخلاقيات المهنة في الإسلام وتطبيقاتها في أنظمة المملكة العربية السعودية. "الوجيز في أخلاقيات العمل، أ.د .أحمد بن داود المزجاجي الأشعري، خوارزم العلمية للنشر والتوزيع الشنواني، صلاح -التنظيم الإداري في قطاع الأعمال -دار المعارف – مصر 1966
المصادر الإلكترونية	▪ المكتبة الرقمية السعودية https://sdl.edu.sa/SDLPortal/Publishers.aspx
أخرى	

2.المرافق والتجهيزات التعليمية والبحثية المطلوبة:

العناصر	متطلبات المقرر
المرافق (القاعات الدراسية، المختبرات، قاعات العرض، قاعات المحاكاة ... إلخ)	▪ قاعة دراسية تستوعب 30 طالب طوال اليوم الدراسي ▪
التجهيزات التقنية (جهاز عرض البيانات، السبورة الذكية، البرمجيات)	جهاز عرض البيانات السبورة الذكية جهاز حاسب لي مزود ببرامج حديثة شبكة إنترنت حديثة
تجهيزات أخرى (تبعاً لطبيعة التخصص)	شبكة إنترنت

ز. تقويم جودة المقرر:

طرق التقييم	المقيمون	مجالات التقويم
الاستبانات والاستفتاءات معتمدة من القسم. تقويم الأقران من أعضاء هيئة التدريس. مراجعة نتائج تقويم الطلاب.	المراجع النظير – الطلاب	فاعلية التدريس
الاستبانات والاستفتاءات المعتمدة من القسم. مراجعة تواصيف المقررات وتقارير المقررات بشكل دوري. تقويم الأقران والتبادل الدوري للتصحيح والتدقيق بين الزملاء من أعضاء هيئة التدريس. مراجعة عينة من أعمال الطلاب.	المراجع النظير – قيادات البرنامج – أعضاء هيئة التدريس -الطلاب	فاعلية طرق تقييم الطلاب
الاستبانات والاستفتاءات المعتمدة من القسم قوائم الشطب والرصد	قيادات البرنامج – أعضاء هيئة التدريس – الطلاب	مصادر التعليم
الاستبانات -المقابلات	أعضاء هيئة التدريس	المرافق
مراجعة تقرير المقرر. تحليل نماذج الاختبارات والدرجات وأعمال الطلاب وسجلات إنجازهم.	قيادات البرنامج -أعضاء هيئة التدريس	مدى تحصيل مخرجات التعلم للمقرر

مجالات التقويم (مثل. فاعلية التدريس، فاعلة طرق تقييم الطلاب، مدى تحصيل مخرجات التعلم للمقرر، مصادر التعلم ... إلخ)
المقيمون (الطلبة، أعضاء هيئة التدريس، قيادات البرنامج، المراجع النظير، أخرى (يتم تحديدها)
طرق التقييم (مباشر وغير مباشر)

ح. اعتماد التوصيف

لجنة البرامج والخطط – الكلية التطبيقية	جهة الاعتماد
	رقم الجلسة
	تاريخ الجلسة