



T-104
2022

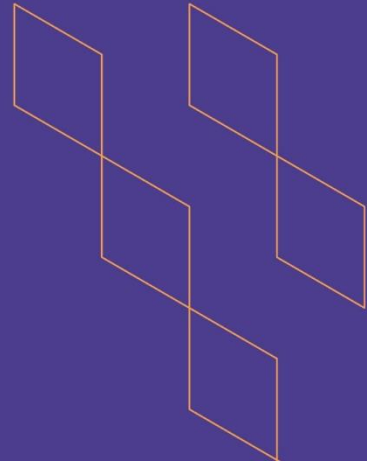
Course Specification





T-104
2022

Course Specification



Course Title: **Computer Applications**

Course Code: **131-TEC-2**

Program: **University requirement**

Department: **Computer Science**

College: **Computer Science and Information system**

Institution: **Najran University**

Version: **1**

Last Revision Date: **02/03/2023**



Table of Contents:

Content	Page
A. General Information about the course	3
1. Teaching mode (mark all that apply) 2. Contact Hours (based on the academic semester)	3
B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods	4
C. Course Content	5
D. Student Assessment Activities	5
E. Learning Resources and Facilities	6
1. References and Learning Resources	6
2. Required Facilities and Equipment	6
F. Assessment of Course Quality	6
G. Specification Approval Data	7

A. General information about the course:

Course Identification

1. Credit hours: 2

2. Course type

a. University ☒ College ☐ Department ☐ Track ☐ Others ☐

b. Required ☒ Elective ☐

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

4. Course general Description

This course allows students to explore the concept of computing in the field of information technology while learning skills applicable to any professional setting. Through a series of hands-on activities, students will create documents, presentations, and other professional communications. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities that are of interest to them.

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

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

7. Course Main Objective(s)

1. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1.	Traditional classroom	2	100
2.	E-learning		
3.	Hybrid <ul style="list-style-type: none"> Traditional classroom E-learning 		
4.	Distance learning		

2. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	15
2.	Laboratory/Studio	30
3.	Field	
4.	Tutorial	
5.	Others (specify)	
	Total	45



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	Define the basic concepts of computing and their impact today.	It depends on the program.	Lectures	Quiz, midterm and final exams
1.2	Describe the terms (data, Information, security, internet and network)	It depends on the program.	Lectures	Quiz, midterm and final exams
...	Clarify Basic knowledge of computers and associated software, and their importance in data processing Information and its applications in business.	It depends on the program.	Lectures	Quiz, midterm and final exams
2.0	Skills			
2.1	Using Microsoft Office app to create, edit, and enhance presentations.	It depends on the program.	Lectures, Group Discussion	midterm and final exams, assignments
2.2	Use browser applications to navigate web-based information sources and applications.	It depends on the program.	Lectures, Group Discussion	midterm and final exams, assignments
3.0	Values, autonomy, and responsibility			
3.1				
3.2				
...				



C. Course Content

No	List of Topics	Contact Hours
1.	History of Computing and the concept of computing	5
2.	Component of computing (hardware, software)	5
3	Internet concept,	5
4	Introduction to Networking and Cloud Computing	8
5	New technologies and applications	6
6	Microsoft Office applications	9
7	New technologies and applications	7
Total		45

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Quiz 1 &2	2 rd & 4 th week	% 10
2.	Lab 1	5 th week	% 10
3.	Mid Term Exam	6 th week	% 20
4.	Final Lab	9 th week	% 10
5	Final Exam	12 th or 13 th week	% 50

*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	<ul style="list-style-type: none"> Yahya Halabi A Talib syre. Introduction to computer and problem solving. Dar wael amman Jordan Gwyls lodwick. The application of computer in diagnostic radiology (2009)
Supportive References	Russelle V. Application of computer in diagnostic radiology Web Sites etc http://www.computing2014.com/ (Computing Essentials).
Electronic Materials	<ul style="list-style-type: none"> Computer-based programs/CD, professional standards/regulations Microsoft Office
Other Learning Materials	<ul style="list-style-type: none"> Yahya Halabi A Talib syre. Introduction to computer and problem solving. Dar wael amman Jordan Gwyls lodwick. The application of computer in diagnostic radiology (2009)

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Classrooms to accommodate 50 students per classroom with desks and chairs
Technology equipment (projector, smart board, software)	Data show needs to maintenance regularly
Other equipment (depending on the nature of the specialty)	

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Institution (By the end of each semester, students give opinions on satisfactions of the course)	Online course survey (indirect assessment)
Effectiveness of students assessment	Instructor (A course survey is distributed to students to take their opinion)	Feedback about Course Learning Outcomes (CLOs) (indirect assessment)
Quality of learning resources		

Assessment Areas/Issues	Assessor	Assessment Methods
The extent to which CLOs have been achieved	Instructor (through various teaching strategies)	Assessment of SOs through CLOs (direct assessment)
Other		

Assessor (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)

G. Specification Approval Data

COUNCIL /COMMITTEE	
REFERENCE NO.	
DATE	