

Course Specification Student Version

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| Course Title: | Introduction to Computing |
| Course Code: | ICOM 101 |
| Department: | Common Sciences |
| Program: | Bachelor of Medicine and Surgery |
| College: | Vision College in Riyadh |
| Institution: | Vision College in Riyadh |
| Revised : | July 2025 |

A. Course Identification

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| 1. Credit hours: 3 (2+1+0) |
| 2. Level/year at which this course is offered: Level 1/Year 1 |
| 3. Pre-requisites for this course (if any): None |
| 4. Co-requisites for this course (if any): None |

B. Teaching Methods

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|---|-------------------|
| 1 | Lecture |
| 2 | Practical Session |
| 3 | |

C. Course Description and Main objective

1. Course Description

This course, provides students with basic computer concepts in hardware, software, networking, computer security, programming, database, e-commerce, decision support systems, and other emerging technologies such as blogs, wiki, RSS, podcasting, and Google applications using both lecture and laboratory practice.

2. Course Main Objective

the main objective of this course is to give students techniques to search, evaluate, validate, and site information found online. Widely used applications including word processing, spreadsheets, databases, presentation, and web development software.

3. Course Main Objectives :

By the end of this course the students should be able to :

- Explain Parts of CPU
- Discuss the MS word.
- Discuss the MS Access.
- Discuss the MS Excel.
- Establish data base by using M.S.Access program .

D. Course Content

| No. | List of Topics |
|-----|--|
| 1 | Introduction To information Technology |
| 2 | Operating system |
| 3 | Operating system |
| 4 | Operating system |
| 5 | M.S Word |
| 6 | M.S Word |
| 7 | M.S Word |

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|----|--------------------|
| 8 | M.S. Excel |
| 9 | M.S. Excel |
| 10 | M.S. Excel |
| 11 | M.S. Power point |
| 12 | M.S. power point |
| 13 | Practical Sessions |

E. Assessment tools

| # | Assessment task | Percentage of Total Assessment Score |
|--------------|--------------------|--------------------------------------|
| 1 | Quizzes | 10% (each 5) |
| 2 | Assignments | 10% (each 5) |
| 3 | Midterm Exam | 20% |
| 4 | Practical Exam | 20% |
| 5 | Final Written Exam | 40% |
| Total | | 100% |

F. Learning Resources

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|------------------------------|---|
| Required Textbooks | R. A. Serway, Physics for Scientists and Engineers, Saunders Golden Sunburst Series, 2011, 8th edition, or 10th edition. |
| Essential Reference Material | <p>1- Many other sources on general physics and introduction to physics are available on the Moodle platform.</p> <p>2- A copy of the physics laboratory book is available in the college library.</p> <p>3- Raymond A. Serway, Physics for Scientists and Engineers, 4th edition, Saunders Golden Sunburst Series, 1990.</p> <p>4- D. Halliday and R. Resnick Fundamentals of Physics, 10th edition, 2011 (ISBN: 978- 1-118-23072-5 (Extended edition)).</p> <p>5- H. D. Young, R. A. Freedman, T. R. Sandin, And A. Lewis Ford, Sears and Zemansky's University Physics, 10th edition, 2000. (ISBN: 0-201-60322-5).</p> <p>6- Jerry B. Marion and William F. Hornyak, General Physics with Bioscience Essays, 2nd Edition John Wiley & Sons, Inc, 1985.</p> |
| Electronic Material | // |