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| المملكة العربية السعودية  وزارة التعليم العالي  **جامعة أم القرى**  الكلية الجامعية بالجموم – قسم الحاسب الآلي |  | Kingdom of Saudi Arabia  Ministry of Higher Education  **Umm Al-Qura University**  University College in Al-Jamoum  Computer Dept. |

Course Specification

1. **Course number and name:** (2316102-3) Introduction to Information Systems
2. **Credits and contact hours:** 3 Credits

(Lecture: 3/week – Practical Session: Non)

1. **Instructor’s or course coordinator’s name:** Dr. Youseef Alotaibi
2. **Text books**
3. **Main Text book:**.Ralph Stair and George Reynolds, Fundamentals of Information Systems, 6th Edition, Cengage Learning, 2011.
4. **Reference:**.T. O'Leary, L.I. O'Leary, Computing Essentials 2012, McGraw-Hill 2011.
5. **Specific course information**
6. **brief description of the content of the course (Catalog Description):**

Upon the completion of this course, the student will have learned, through appropriate classroom and laboratory experiences, the fundamentals of information systems and understand the principles of the flow of data and the use of computers to solve some of organizational issues.

1. **prerequisites or co-requisites:** −
2. **indicate whether a required, elective, or selected elective course in the program:** required
3. **Specific goals for the course**

The student will be able to:

* 1. Define the basic concepts and objectives of information systems.
  2. Explain roles, components, and applications of information systems.
  3. Apply the principles of effective information system management, information organization, and information-retrieval skills.

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| *Course*  *Goals* | *Program Outcomes* | | | | | | | | | | |
| SOa | SOb | SOc | SOd | SOe | SOf | SOg | SOh | SOi | SOj | SOk |
| 1 | *✓* |  |  |  |  |  |  |  |  |  |  |
| 2 | *✓* |  |  |  |  |  |  |  |  |  |  |
| 3 | *✓* |  |  |  |  |  |  |  |  |  |  |

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| **Relationship of Course Goals to the Program Student Outcomes** | |
| **SOa** | An ability to apply knowledge of computing and mathematics appropriate to the discipline   * *Students will be able to apply basic computing skills by the end of the course* |

1. **Brief list of topics to be covered**
   * + Overview of Information Technology
     + The Internet, the Web, and Electronic Commerce
     + Communications and Networks
     + Privacy, Security, and Ethics
     + The basics and principles of information systems and organizations
     + Databases basics
     + New trends in information systems