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| **Approved Date:** |  | **Philadelphia University** |
| **Issue:** | **Faculty:** Business |
| **Credit Hours:** 3 hours | **Department:** Business Administration |
| **Degree:** Bachelor | **Course Syllabus** | **Academic Year:** 2023-2024 |

**Course Information**

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| --- | --- | --- | --- | --- |
| **Prerequisite** | | **Course Title** | | **Course No.** |
|  | | **Management Information Systems** | | **033024800** |
| **Room No.** | **Class Time** | | **Course Type** | |
| 32307 | Sunday- Tuesday | | Univirsity Requirement Fuclty Requirement   * Major Requirement  Elective  Compulsory | |

**Instructure Information**

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| --- | --- | --- | --- | --- |
| **E-mail** | **Office Hours** | **Phone No.** | **Office No.** | **Name** |
| mokour@philadelphia.edu.jo | Saturday- Monday  9:00 am- 11:00 am Sunday- Tuesday  9:00 am- 12:00 pm | 2618 | 32408 | Dr. Mohammad Okour |

**Course Delivery Method**

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| --- | --- | --- | --- |
| **Blended Online Physical** | | | |
| **Learning Model** | | | |
| **Physical** | **Asynchronous** | **Synchronous** | **Percentage** |
| **70%** | **30%** | **--** |

**Course Description**

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| This course aims to raise the students awareness of the vast opportunities made possible by tight correlation between technology and business. Students will be in better position to understand the significant role of inofmration in organization success. They will be able to understand how the MIS infrastructure supports business growth, operations, and performance. Also, students will be able to understand how business professional access and analyze information to make business decisions. This course introduces vaious types of enterprise informations systems and their role in helping organizations reaching their organizational goals. |

**Course Learning Outcomes**

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| --- | --- | --- |
| **Corresponding Program Outcomes** | **Outcome** | **Number** |
| **Knowledge** | | |
| **Kp1** | Describe the information age and the differences between data, information, business intelligence, and knowledge. Chp 1/1 | **K1** |
| **Kp1** | Explain systems thinking and how management information systems (MIS) enable business communications. Chp 1/1 | **K2** |
| **Kp1** | Explain the importance of decision support systems in making decisions at each of the three primary organization levels. Chp 2/1 | **K3** |
| **K2** | Explain MIS infrastructure and its three primary types. Chp 5/1 | **K4** |
| **Kp1+Kp4** | Define and describe the three primary enterprise systems: supply chain management (SCM) systems, customer relationship management (CRM) systems, enterprise resource planning (ERP) software and describe their impact on business. Chp 8/1 | **K5** |
| **Kp1+Kp4** | Compare and contrast the major e-commerce business models. Chp5/2 | **K6** |
| **Kp1** | Describe the data, database, database management system, and the relational database model. Chp 6/1 | **K7** |
| **Kp2** | Describe the seven phases of the systems development life cycle. Chp 9/1 | **K8** |
| **Kp4** | Explain the ethical issues in the use of the information age. Chp 4/1 | **K9** |
| **Skills** | | |
| **Sp1** | Communicating effectively in all forms, written, visual and oral, for operating efficiently in the business environment. | **S1** |
| **Sp2** | Eemploy digital skills, using different software applications to visually present information and data concisely. | **S2** |
| **Sp3** | Apply critical thinking skills in decision-making and solving individual, business, and community-related problems. | **S3** |
| **Competencies** | | |
| **Cp3** | Perform effectively on teamwork and display interpersonal skills in applying the management concepts and principles. | **C1** |

**Learning Resources**

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| --- | --- |
| * Baltzan, P. (2024). M: Information Systems, 7th Edition. McGraw Hill | **Course Textbook** |
| * James A. O'Brien, George M. Marakas, Ramesh Behl. (2019). Management Information systems, 11th ed. McGraw-Hill * Kenneth C. Laudon, Jane P. Laudon. (2018). Management information systems : managing the digital firm.  Pearson Education * Kroenke D., , Randall, B. (2016). Experiencing MIS * Haag, S. (2013). Management information systems: for the information age., 9th eition. McGraw Hill | **Supporting References** |
| [www.ebsco.com](http://www.ebsco.com)  <http://library.philadelphia.edu.jo/ST_EN.htm>  <https://bit.ly/3vblsIH> (APA7 Referencing) | **Supporting Websites** |
| **Classroom**  **laboratory Learning Platform Other** | **Teaching Environment** |

**Meetings and Subjects Time Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Learning Material** | **Task** | **Learning Method\*** | **Topic** | **Week** |
| Syllabus | * Introduce the instructor * Meet students * Class ground rules * Syllabus introduction | Orientation | Course introduction | **1** |
| * Chapter 1.1 | * Read chapter * Group Discussion | * Lecture * Collaborative learning | * Competing in the Information Age. * The Challenge of Departmental Companies and the MIS Solution. | **2** |
| * Chapter 1.1 * Research Article. | * Read chapter * Moc-prsentation * Peer review | * Lecture * Flipped class | * Identifying Competitive Advantages. * The Five Forces Model: Evaluating Industry Attractiveness. * The Three Generic Strategies: Choosing a Business Focus. * Value Chain Analysis: Executing Business Strategies. | **3** |
| * Chapter 2.1 * Media Content | * Read chapter * Discussions * Video   Homework 1 | * Lecture * Collaborative learning | * Making Organizational Business Decisions. * Measuring Organizational Business Decisions. * Using MIS to Make Business Decisions. * Using AI to Make Business Decisions | **4** |
| * Chapter 2.1 * Media Conten | * Read chapter * Discussion * Mind mapping and Brainstorming | * Lecture * Problem solving based learning. | * Managing Business Processes. * Using MIS to Improve Business Processes. | **5** |
| * Chapter 5.1 | * Read chapter * Discussion * Mind mapping and Brainstorming | * Lecture * Problem solving based learning. | * The Business Benefits of a Solid MIS Infrastructure * Supporting Operations: Information MIS Infrastructure * Supporting Change: Agile MIS Infrastructure | **6** |
| * Chapter 5.1 | * Read chapter * Mind mapping and Brainstorming | * Lecture * Collaborative learning | * MIS and the Environment * Supporting the Environment: Sustainable MIS Infrastructure * Utility Computing | **7** |
| * Chapter 8.1 | * Read chapter * Moc-prsentation * Peer review | * Lecture * Flipped class | * Building a Connected Corporation Through Integrations. * Supply Chain Management. * Technologies Reinventing the Supply Chain | **8.a** |
|  | | | | **8.b** |
| * Chapter 8.1 * Students’ research | * Read chapter * Moc-prsentation * Peer review | * Lecture * Flipped class | * Customer Relationship Management. * The Benefits of CRM. * Enterprise Resource Planning. * Organizational Integration with ERP. | **9** |
| * Chapter 5.2 | * Read chapter * Moc-prsentation * Peer review * Homework 2 | * Lecture * Flipped class | * Define and describe the 9 major e-commerce business models. * Identify the differences and similarities among customers and their perception of value in B2B and B2C e-commerce. * Compare and contrast developing a marketing mix in B2B and B2C e-commerce. | **10** |
| * Chapter 6.1 * Research Article. | * Read chapter * Discussion * One minute paper | * Lecture * Collaborative learning | * Data Quality. * Storing Data Using a Relational Database Management System. * Using a Relational Database for Business Advantages. | **11** |
| * Chapter 6.1 * Media Conten | * Read chapter * Discussions * Video | * Lecture * Collaborative learning | * Business Intelligence. * Data Warehouse. * Blockchain: Distributed Computing. | **12** |
| * Chapter 9.1 | * Read chapter * Mind mapping and Brainstorming | * Lecture * Collaborative learning | * The Systems Development Life Cycle. * Software Development Methodology: Waterfall. * Agile Software Development Methodologies | **13** |
| * Chapter 4.1 * Media Conten | * Read chapter * Discussion * Video | * Lecture * Problem solving based | * Information Ethics * Developing Information Management Policies * Protecting Intellectual Assets * The First Line of Defense: People * The Second Line of Defense: Technology | **14** |
| * Students’ research | * Presentations | * Project based learning | Final Project | **15** |
| **Final Exam** | | | | **16** |

\*Includes: lecture, flipped Class, project based learning, problem solving based learning, collaboration learning.

**Course Contributing to Learner Skill Development**

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| **Using Technology** |
| * Students will use several offline software (i.e Microsoft Office) or online software (i.e Prezi and Google Slides) to deliver their presentations. * Students will use the internet search engines to capture needed data and information to perform their assignments. * Students will use the electronic email for submitting the required documents. |
| **Communication Skills** |
| * Students will develop their verbal and nonverbal communication skills by participating in classroom activities, group work, and presentations. * Students will use creative and critical thinking while participating in classroom discussions, solving issues, and performing various assignments. |
| **Application of Concept Learnt** |
| * Students will reflect on the acquired knowledge of management concepts, principles, and models using adult learning methods (i.e Experiential and project-based learning) |

**Assessment Methods and Grade Distribution**

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| --- | --- | --- | --- |
| **Course Outcomes**  **to be Assessed** | **Assessment Time**  **(Week No.)** | **Grade** | **Assessment Methods** |
| **K1, K2, K3 S3** | **8th week** | **30 %** | **Mid Term Exam** |
| **K2, K3, K5, K6 S1, S2**  **C1** | **Continuous:**   * Homework 1 (10%)/ Week 4 * Homework 2 (10%)/ Week 10 * Presntation (10%)**/** Week 15 | **30 %** | **Term Works\*** |
| **K4, K5, K6, K7, K8, K9**  **S3** | **16th week** | **40 %** | **Final Exam** |
|  |  | **100%** | **Total** |

\* Include: quizzes, in-class and out of class assignment, presentations, reports,

videotaped assignment, group or individual project.

**Alignment of Course Outcomes with Learning and Assessment Methods**

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| --- | --- | --- | --- |
| **Assessment Method\*\*** | **Learning Method\*** | **Learning Outcomes** | **Number** |
| **Knowledge** | | | |
| * Exam * In-class Activities * Presentation | * Lecture * Collaborative learning | Describe the information age and the differences between data, information, business intelligence, and knowledge. Chp 1/1 | **K1** |
| * Exam * In-class Activities * Presentation * Assignment | * Lecture * Flipped class | Explain systems thinking and how management information systems (MIS) enable business communications. Chp 1/1 | **K2** |
| * Exam * In-class Activities | * Lecture * Collaborative learning * Problem solving based learning | Explain the importance of decision support systems in making decisions at each of the three primary organization levels. Chp 2/1 | **K3** |
| * Exam * Presentation * In-class Activities | * Lecture * Problem solving based learning. * Collaborative learning | Explain MIS infrastructure and its three primary types. Chp 5/1 | **K4** |
| * Exam * In-class Activities * Presentation | * Lecture * Flipped class | Define and describe the three primary enterprise systems: supply chain management (SCM) systems, customer relationship management (CRM) systems, enterprise resource planning (ERP) software and describe their impact on business. Chp 8/1 | **K5** |
| * Exam * In-class Activities * Presentation * Assignment | * Lecture * Flipped class | Compare and contrast the major e-commerce business models. Chp5/2 | **K6** |
| * Exam * In-class Activities | * Lecture * Collaborative learning | Describe the data, database, database management system, and the relational database model. Chp 6/1 | **K7** |
| * Exam * In-class Activities | * Lecture * Collaborative learning | Describe the seven phases of the systems development life cycle. Chp 9/1 | **K8** |
| * Exam * In-class Activities | * Lecture * Problem solving based | Explain the ethical issues in the use of the information age. Chp 4/1 | **K9** |
| **Skills** | | | |
| * Exam * In-class activities * Presentation * Group Assignment | * Collaborative learning * Project based learning | Communicating effectively in all forms, written, visual and oral, for operating efficiently in the business environment. | **S1** |
| * In-class activities * Presentation * Group Assignment | * Collaborative learning * Project based learning | Eemploy digital skills, using different software applications to visually present information and data concisely. | **S2** |
| * In-class activities * Individual and group assignment | * Collaborative learning * Problem solving based learning. | Apply critical thinking skills in decision-making and solving individual, business, and community-related problems. | **S3** |
| **Competencies** | | | |
| * In-class activities * Presentation * Group Assignment | * Flipped class * Project based learning | Perform effectively on teamwork and display interpersonal skills in applying the management concepts and principles. | **C1** |

\*Include: lecture, flipped class, project based learning, problem solving based learning, collaboration learning.

\*\* Include: quizzes, in-class and out of class assignments, presentations, reports, videotaped assignments, group or individual projects.

**Course Polices**

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| **Policy Requirements** | **Policy** |
| The minimum pass for the course is (50%) and the minimum final mark is (35%). | **Passing Grade** |
| * Anyone absent from a declared semester exam without a sick or compulsive excuse accepted by the dean of the college that proposes the course, a zero mark shall be placed on that exam and calculated in his final mark. * Anyone absent from a declared semester exam with a sick or compulsive excuse accepted by the dean of the college that proposes the course must submit proof of his excuse within a week from the date of the excuse’s disappearance, and in this case, the subject teacher must hold a compensation exam for the student. * Anyone absent from a final exam with a sick excuse or a compulsive excuse accepted by the dean of the college that proposes the material must submit proof of his excuse within three days from the date of holding that exam. | **Missing Exams** |
| The student is not allowed to be absent more than (15%) of the total hours prescribed for the course, which equates to six lecture days (n t) and seven lectures (days). If the student misses more than (15%) of the total hours prescribed for the course without a satisfactory or compulsive excuse accepted by the dean of the faculty, he is prohibited from taking the final exam and his result in that subject is considered (zero), but if the absence is due to illness or a compulsive excuse accepted by the dean of the college that The article is introduced, it is considered withdrawn from that article, and the provisions of withdrawal shall apply to it. | **Attendance** |
| Philadelphia University pays special attention to the issue of academic integrity, and the penalties stipulated in the university's instructions are applied to those who are proven to have committed an act that violates academic integrity, such as cheating, plagiarism (academic theft), collusion, intellectual property rights. | **Academic Integrity** |

**Program Learning Outcomes to be Assessed in this Course**

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| --- | --- | --- | --- | --- |
| **Targeted Performance level** | **Assessment Method** | **Course Title** | **Learning Outcome** | **Number** |
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**Description of Program learning Outcomes Assessment Method**

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| **Detailed Description of Assessment** | **Number** |
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**Assessment Rubric of the Program Learning Outcomes**

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