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| Approved Date:3/6/2023 |  | Philadelphia University |
| Issue: | Faculty: Business |
| Credit Hours: 3 hours | Department: Hospital Management |
| Bachler: | Course Syllabus | Academic Year:2023-2024 |

**Course Information**

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| --- | --- | --- | --- | --- |
| **Prerequisite** | | **Course Title** | | **Course No.** |
|  | | **Research Methods for Business** | | **0380260** |
| **Room No.** | **Class Time** | | **Course Type** | |
| 32303 | **12:10-13:00 Mon,wed** | | Univirsity Requirement Fuclty Requirement   * Major Requirement  Elective  Compulsory | |

**Instructure Information**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| E-mail | Office Hours | Phone No. | Office No. | Name |
| [**MSohaimat@philadelphia.edu.jo**](mailto:MSohaimat@philadelphia.edu.jo) | **12:00-13:00 SUN&TUE** | **2682** | **32403** | **Mahmoud Al-Sohaimat** |

**Course Delivery Method**

|  |  |  |  |
| --- | --- | --- | --- |
| * Blended Online Physical | | | |
| Learning Model | | | |
| Physical | Asynchronous | Synchronous | Percentage |
| 66.5% | 33.5% |  |

**Course Description**

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| --- | --- |
| This course deals with the methodology of scientific research in business and economic sciences, types of research, and the basic steps for conducting scientific research. It also deals with data analysis and interpretation. Furthermore, this course covers the technical aspects of writing scientific research and clarifying the foundations of referencing and citation type. This course presents alternative research approaches and follows up on this by reviewing a range of topics (such as research questions, research design, and measurement) from various perspectives and what are methods for collecting and analyzing data will give them the best answers to their research questions. | **Course Description** |

**Course Learning Outcomes**

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| --- | --- | --- |
| **Corresponding Program Outcomes** | **Course Learning Outcomes** | **Number** |
| **Knowledge** | | |
| Cp2, Sp3 | After completing the course, the student must know scientific research methods in business and economic sciences. | K1 |
| Cp2, Sp3 | After completing the course, the student must know the steps of scientific research. | K2 |
| Cp2, Sp3 | After completing the course, the student should know the main characteristics of scientific research . | K3 |
| **Skills** | | |
| Sp2 | After completing the course, the student should be able to use an electronic database to write scientific research. | S1 |
| Cp2 | After completing the course, the student should be able to use statistical concepts in writing scientific research. | S2 |
| **Competencies** | | |
| Cp2, Sp3 Sp2 | After completing the course, the student must have the professional competence to apply scientific research outputs in various contexts. | C1 |
| Cp2, Sp3 Sp2 | After completing the course, the student must have the skill to use critical thinking in formulating research hypotheses. | C2 |

**Meetings and Subjects Timetable**

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| --- | --- | --- | --- |
| Learning Material | Learning Method\* | Topic | Week |
| Study plan and syllabus | Lecture | - Introduction the course syllabus.  Introduction to research methods for business - | 1 |
| Chapter 1 | Lecture | -Business research.  -Types of business research: applied and basic.  -The manager and the consultant–researcher  -Internal versus external consultants/researchers  -Advantages and Disadvantegs of internal and external consultants/researchers. | 2 |
| Chapter 2 | Lecture | -The hallmarks of scientific research. | 3 |
| Chapter 2 | Lecture | -The seven-step process in the hypothetico-deductive method. | 4 |
| Chapter 2+3 | Lecture | -The critical literature review | 5 |
| Chapter 4 | Lecture and project based learning | - Scientific research/ 8 steps | 6 |
| Chapter 5 | Interactive lecture and discussions by students | -Theoretical framework and hypothesis development | 7 |
| Chapter 5 | Interactive lecture and discussions by students | -Moderating variable  -The components of the theoretical framework  -Hypothesis development | 8 |
| Chapter 5 | Interactive lecture and discussions by students | Definition of a hypothesis -  -Statement of hypotheses: formats  -Directional and nondirectional hypotheses  Null and alternate hypotheses -  Managerial implications - | 9 |
| Chapter 6 |  | Elements of research design-  -The research design  Research strategies -  -Extent of researcher interference with the study | 10 |
| Chapter 6 | Interactive lecture and discussions by students | -Study setting: contrived and noncontrived  -Unit of analysis  -Time horizon of reserach  Managerial implications - | 11 |
| Chapter 11 | Interactive lecture and discussions by students | -Measurement of variables: Operational definition  -Operationalization: dimensions and elements | 12 |
| Chapter 11 |  | -Operationalizing the (multidimensional) concept of achievement motivation  Dimensions and elements of achievement motivation | 13 |
| Chapter 12 |  | Measurement: Scaling, reliability and validity  Four types of scales. | 14 |
| Chapter six Textbook, |  | Revision for the whole course and all apply practical examples on all research steps | 15 |
|  |  | Final Exam | 16 |

**Learning Resources**

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| --- | --- |
| Research Methods for Business: A Skill-Building Approach, Uma Sekaran, Roger Bougie, John Wiley, 2019,8th Edition | **Course Textbook** |
| * Principles of managerial statistics and data science, Roberto Rivera, Wiley,2020. * فوزي غرايبة، نعيم دهمش، ربحي الحسن، خالد عبد الله، هاني أبو جبارة، أساليب البحث العلمي في العلوم الإنسانية والاجتماعية، عمان، دار وائل، ط:6، 2011. | **Supporting References** |
| * <https://www.youtube.com/watch?v=KiiC92ynGfM&list=PLZDZwPWTxRmFHK1ak8xK1dRowlv1pm3tS> | **Supporting Websites** |
| **Classroom**  **laboratory Learning Platform Other** | **Teaching Environment** |

**Assessment Methods and Grade Distribution**

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| --- | --- | --- | --- | --- | --- |
| **Course Outcomes**  **to be Assessed** | **Assessment Time**  **(Week No.)** | | | **Grade** | **Assessment Methods** |
| **K1,K2,K3,K4, S1.** | **8th week** | | | **30 %** | **Mid Term Exam** |
| **K1,K3,K4** | **10 %** | **6th week** | **Quiz** | **30 %** | **Term Works\*** |
| **K4,K2,S1,S2.** | **10 %** | **10th week** | **Homework** |
| **K1,K2,K3,K4, S1,S2.** | **10 %** | **12th week** | **Report Writing & Presentation** |
| **K1,K2,K3,K4, S1,S2,C1,C2.** | **16th week** | | | **40 %** | **Final Exam** |
|  |  | | | **100%** | **Total** |

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

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| --- | --- | --- | --- |
| **Assessment Method\*\*** | **Learning Method\*** | **Learning Outcomes** | **Number** |
| **Knowledge** | | | |
| Quizzes | Lecture | After completing the course, the student must know scientific research methods in administrative and economic sciences. | K1 |
| Homework | Lecture | After completing the course, the student must know the steps of scientific research in terms of (identifying the problem, determining the objectives and dimensions of the research, reviewing the study literature and hypotheses, research design, data collection, data analysis, results interpretation, and report writing). | K2 |
| Quizzes | Lecture | After completing the course, the student should be able to show the types of scientific research (applied, theoretical, exploratory, experimental, and developmental). | K3 |
| **Skills** | | | |
| Homework | Lecture | After successful completion of the course, the student should be able to apply and use technology and statistical concepts in writing scientific research (the sequence in data collection, entry, analysis and presentation in correct ways). | S1 |
| **Competencies** | | | |
| Homework | problem solving | After successful completion of the course, the student must have the professional competence to use the outputs of scientific research and apply them in a variety of contexts. | C1 |
| Homework | problem solving | After successfully completing the course, the student must have the skill to use the faculty of critical thinking in formulating research hypotheses and applying them on the ground. | C2 |

\*Learning methods include: lecture, flipped learning, project learning, problem solving learning, participatory learning...etc.

\*\*Assessment methods include: exam, individual/group project, homework, presentation, participation and discussion, quiz...etc

**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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