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|  | **Benha University**  **Faculty of Commerce**  **Module Outline** |  |

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| **Course Title** | Economic Feasibility Studies |
| **Course Code** | ECO413 |
| **Department** | Economics |
| **Instructor** | Dr. Heba Abdelsattar |
| **Instructor Email Address** | [heba.abdelmawgood@fcom.bu.edu.eg](mailto:heba.abdelmawgood@fcom.bu.edu.eg) |

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| 1. **Basic Information** | | | |
| **Course Level:**  Level 4  Undergraduate | **Course** **Title**:  Economic Feasibility Studies | **Course Code:**  ECO413 | **Prerequisite**:  ECO121 |
| **Specialization:** Economics | | | |
| **Contact Hours**   * Theoretical: 2 hours per week * Tutorial: 2 hours per week | | | |

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| 1. **Specialized Information** | |
| **2.1. Course**  **Description** | The overall objective of this course is to provide students with the knowledge needed to make investment decisions. It started with a conceptual framework for the economic feasibility study i.e. the definition of economic feasibility study, the relationship between economic development and feasibility studies, and the procedures for conducting pre-feasibility studies. Then, the detailed feasibility study (marketing, technical and engineering, financing, and financial) is explained with specific attention to economic/financial analysis. Lastly, the various techniques for evaluating proposed projects and making decisions, particularly when faced with risk and uncertainty are all covered in this course, along with selected case studies. |
| **2.2.**  **Course**  **Aims** | * Explain the ideas and procedures involved in conducting a feasibility study. * Discuss key ideas of investment decisions, including investment criteria and valuation of costs and benefits over a period of time. * Develop academic knowledge and skills into practice in developing new business. * Evaluate the financial risk related to investment decisions. * Determine when and why proposed initiatives will be approved or declined based on the opinions of the private sector. * Acquire the ability to self-appraise and reflect on practice relevant to commercial project feasibility studies. |

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| 1. **Intended Learning Outcomes:** | |
| **By the end of the course, students should be able to:** | |
| **3.1. Knowledge and Understanding:** | * + 1. Illustrate the concepts, principles, and steps of feasibility studies.     2. Discuss the main social and environmental concerns that should be considered while investing in projects and outline the possible tools for their analysis.     3. Restate the investment opportunities of different projects.     4. Describe the different aspects of marketing, technical, and financing feasibility studies.     5. Classify the key issues of evaluating and monitoring a specific project.     6. Predict the national impact of a proposed project on the entire economy. |
| **3.2. Intellectual Skills:** | 3.2.1 Assess and evaluate the concepts and steps while pursuing feasibility studies.   * + 1. Differentiate when and why the proposed project will be accepted or rejected from the private sector point of view.     2. Point out the importance of conducting a feasibility study before undertaking investment decisions such as establishing a new project, expanding an existing project, or replacing specific machinery and equipment.     3. Correlate project investment decisions to the wider micro and macroeconomic policy analysis. |
| **3.3. Professional and Practical Skills:** | * + 1. Acquire the capacity to evaluate oneself and consider experiences that apply to feasibility studies for commercial projects.     2. Conduct a study on the evaluation of diversified investment choices.     3. Evaluate the financial reports.     4. Create project financial analysis.     5. Construct project economic analysis.     6. Compare and contrast the projects' financial and economic anticipated results.     7. Set up marketing and demand studies.     8. Build an environmental analysis.     9. Connect technical research to the marketing and demand studies. |
| **3.4. General and Transferrable Skills:** | * + 1. Acquire requisite communication skills, both oral and written, that are crucial to feasibility studies.     2. Develop the ability to provide numeric and analytical reasoning skills.     3. Assess the students' capacity for teamwork and under pressure. |

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| **Main Topic** | | **Teaching hours** | | **Week No.** |
| **Theoretical** | **Tutorial** |
| **1** | Concept and Classifications of Feasibility Studies | **2h** | **2h** | **1** |
| **2** | Pre-Feasibility Study | **2h** | **2h** | **2 & 3** |
| **3** | Marketing Feasibility Study | **2h** | **2h** | **4** |
| **4** | Technical Feasibility Study | **2h** | **2h** | **5** |
| **5** | Project planning | **2h** | **2h** | **6** |
| **6** | Sources of Finance | **2h** | **2h** | **7** |
| **7** | Mid-term exam | **2h** | **2h** | **8** |
| **8** | Financial Analysis | **2h** | **2h** | **9** |
| **9** | Economic Analysis | **2h** | **2h** | **10,11,12** |
| **10** | Project Evaluation | **2h** | **2h** | **13,14** |
| **11** | Final Examination | **2h** | **2h** | **15** |

| 1. **Teaching and Learning Methods:** | | |
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| **No.** | **Teaching / Learning Method** | **Selected Methods** |
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| 1 | Interactive Lectures including discussion | √ |
| 2 | Tutorials | √ |
| 3 | Self-Study (Project / Reading Materials / Online Material) Presentations) | √ |
| 4 | Seminars | -- |
| 5 | Case Studies | √ |
| 6 | Problem Solving | √ |
| 7 | Others (Specify) |  |

| 1. **Assessment Methods, Schedule and Grade Distribution:** | | | | |
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| **No.** | **Assessment Method** | **Selected Methods** | **Week No.** | **Marks %** |
| 1 | Midterm Exam (s) | √ | 8 | 20 |
| 2 | Final Exam | √ | 15 | 60 |
| 3 | Quizzes | √ | Pop quiz | 20 |
| 4 | Assignments | -- | -- | -- |
| 5 | Presentations | -- | -- | -- |
| 6 | Individual Projects | -- | -- | -- |
| 7 | Research and Reporting | -- | -- | -- |
| 8 | Team Work Projects | -- | -- | -- |
| 10 | Others (Participation) | -- | -- | -- |

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| 1. **Grading System** | | | |
| Grading Classes | GPA | Mark% | Letter Grade |
| Excellent | 4 | ≥ 90% | A |
| Excellent | 3.66 | < 90% - ≥ 85% | A- |
| Very good | 3.3 | < 85% - ≥ 80% | B |
| Very good | 3 | < 80% - ≥ 75% | B- |
| Good | 2.66 | < 75% - ≥ 70% | C |
| Good | 2.3 | < 70% - ≥ 65% | C- |
| Pass | 2 | < 65% - ≥ 60% | D |
| Fail | 0 | < 60% | F |

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| 1. **List of Books and References:** | |
| Al-Muharrami, S. (2019). *Economic Feasibility Study: Preparation and Analysis*. Sultan Qaboos University Printing Press.‏ | **Essential Textbooks** |
| Notes are handed out to the students throughout the semester. | **Course Notes** |
| * Asian Development Bank, **Guidelines for Economic Analysis of Projects, revised edition**, World Bank, 2000. * Harvard Institute of International Development (HIID), **Manual of Appraisal of Development Expenditures,** Cambridge, USA, 2010. * J. Gittinger, **Economic Analysis of Agriculture Projects”** Johns Hopkins University Press, USA, 1982. * S. Curry and J. Weiss, **Project Analysis in Development Countries,** Palgrave Macmillan, 2005. | **Extra Recommended Books** |

| 1. **Tools and Facilities Required for Teaching and Learning:** | |
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| **Lecture** | **Facility** |
| √ | **White Board** |
| √ | **PC/Laptop** |
| √ | **Data-Show** |
| √ | **Laser Pointer** |
|  | **Internet** |
|  | **Printer** |
| √ | **Copier** |

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| 1. **Plagiarism Policy:** |
| Plagiarism, in the school's jargon called "copying and pasting", is the intentional act of replicating someone else's work (be it text, ideas, images, or any non-common knowledge) without referring to the source. One can also self-plagiarize through submitting his/her own work to more than one course without clearly notifying the professor.  **Students submitting paper/assignment/presentation with plagiarized content will automatically receive a failing grade for their work.**  Refer to the instructor for more information about how to avoid plagiarism. |

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| **Course Instructor** | **Head of the Department** |
| **Dr. Heba Abdelsattar** | **Ass. Prof. Amira Akl Ahmed (Head of the Department)** |