**IT Project Management INSY 714**

**A-Basic Information**

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| Semester number | Sixth/eighth semester |
| Semester type | Spring semester |
| Study year | Third /fourth Year |
| Course code | INSY 714 |
| Academic year | 2017-2018 |
| Program name | Bachelor of Business Informatics / Bachelor of Management |
| Department offering the course | Business Informatics & Operations Management |
| Specialization | Business Informatics / Information Systems (MGT) |
| Type of course | Compulsory |
| Number of sessions/ week | 1 Lecture/ week, 1 Tutorial/ week |
| Weekly contact hours | 2 hrs./week, 2 hrs./week |
| Student workload | 150 hrs. |
| Credit points (ECTS) | 5 CP |

**B- Professional Information**

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| Aims: |
| This course provides basic knowledge for managing IT or IS projects through planning and execution of lifecycle phases. It includes estimating costs, managing risks, scheduling, staff and resource allocation, team building, communication, tracking, control and other aspects of successful project completion.  The course is designed to enable participants to plan all aspects of an IT project and to ensure that the project is implemented in a timely way and to budget. Beyond discussing principles and methods of IT project management in detail, the course examines best practice and why projects fail or succeed. Students also learn and reflect about required personal project leadership skills. |

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| Intended Learning outcomes: |
| By the end of the course the student will be able to: |
| 1. *Knowledge & Understanding* 2. Recognize the manifold challenges of IT and IS project management 3. Distinguish between different development lifecycles and approaches 4. Determine key factors of project success and failure 5. Identify appropriate approaches for dealing with various project management objectives such as scope, time, cost, quality, risk 6. Explain the processes of HR Management, Communication Management, Risk Management, and Procurement Management in IS projects |
| 1. *Professional & Practical skills* 2. Evaluate key factors of project success and failure 3. Apply project management methods and techniques to IT/IS development cases 4. Solve business problems to information systems development 5. Use MS Project for PM purposes 6. Write reports on IS projects |
| 1. *Intellectual skills* 2. Point out critical issues of IT/IS project management from different perspectives |
| 1. *General & Transferable skills* 2. Reflect about required project leadership skills 3. Recognize and identify views of others and working constructively with them  |  | | --- | | Content | | |  |  |  | | --- | --- | --- | | **No. of Teaching**  **Hours** | | | | **Topic** | **Lecture** | **Tutorial** | | Introduction to IT Project Management | 2 | - | | What is a “Successful” Project? | 2 | 2 | | Project Management & Information Technology | 2 | 2 | | Approaches to Systems Development | 2 | 2 | | Project Scope Management | 2 | 2 | | Project Time Management | 2 | 2 | | Project Quality Management | 2 | 2 | | Project HR Management | 2 | 2 | | Project Communication Management | 2 | 2 | | Project Risk Management | 2 | 2 | | Project Procurement Management | 2 | 2 | | Project Integration Management | 2 | 2 | | |

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| Learning and teaching methods |
| Lectures, tutorials, assignments (also in lab), group work and presentations plus individual report based on real project analysis |

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| **Facilities required for teaching & learning** |
| * Lecture hall equipped with microphone, computer, beamer, white board and markers. |
| * Availability of lectures presentations on the GUC intranet that are used for data show and explanation to students during lecture sessions. * Essential textbook |

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| Assessment | |
| Student assessment methods | **Assessment weighting** |
| Assignments | 10% |
| Presentation | 10% |
| Individual Report | 20% |
| Midterm Exam | 20% |
| Final Exam | 40% |

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| References |
| *Essential textbooks*   * Schwalbe, Kathy: INFORMATION TECHNOLOGY PROJECT MANAGEMENT. Edition: 7, Course Technology, Cengage Learning, ©2014 Publication Date: September 9, 2013 | ISBN-10: 1285847091 | ISBN-13: 978-128584709 |
| *Recommended textbooks*   * Cadle, J., Yeates, D.: Project Management for Information Systems. Prentice Hall [latest] * Beck, K., Fowler, M.: Planning Extreme Programming. Addison Wesley, 2001 |
| *Relevant websites*   * http://www.cio.com |

**C- Administrative Information**

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| **Course Coordinator** | Dr. Ahmed Mourady |

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| **Head of the department** |
| Prof. Hany Ismail |