

COURSE FILE SUMMARY

| COURSE INFORMATION | | | |
|--|---|----------------------------|-----------|
| College / Institute / Center: | Management & Technology | Department: | BIS Dept. |
| Program Title: | Bachelor of Business Administration | Program Code: | AS, ES |
| Course Title: | Information Analysis Project (Graduation Project 1) | Course Code: | S416 |
| # Hours: | 2 hr | 2 hr | 3 hr |
| | Meeting with the main supervisor | Meeting with the assistant | Credit |
| Pre Requisites: | | | |
| S316 Information Systems Design | | | |

| COURSE AIM |
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| <p>This course represents the first phase in the graduation project. It is designed to be a practical course to give the students the analysis skills and how to work in teamwork to develop a system. Students apply what they learn in Information Systems Analysis course on a selected system and try to introduce the analysis section in their graduation project.</p> |

| COURSE OBJECTIVES |
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| <p>The main objective of this course is to make the student able to produce a prototype for the graduation project</p> |

| STAFF REQUIREMENTS | | | |
|----------------------|--------------------------|----------------|--------|
| | Qualifications | Special Skills | Number |
| Main Supervisor | Ph.D. in CS or IS | | 1 |
| Tutorials | | | |
| Assistant supervisor | BSc. or MSc. In CS or IS | | 1 |

| MEETING AND ACHIEVEMENT | | | |
|-------------------------|------|-----|--------------------------------------|
| Lecture | | | Description |
| # | Week | Hrs | |
| 1 | 1. | 2-3 | Selecting the teamwork |
| 2 | 2. | 2-3 | Selecting the project |
| 3 | 3. | 2-3 | Collecting user requirements |
| 4 | 4. | 2-3 | Collecting user requirements (cont.) |
| 5 | 5. | 2-3 | Merging user requirements. |
| 6 | 6. | 2-3 | Designing the DFD. |
| 7 | 7. | 2-3 | Designing the DFD (cont.) |
| 8 | 8. | 2-3 | Correcting the DFD. |
| 9 | 9. | 2-3 | Finalize the DFD. |

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|----|-----|-----|---------------------------------|
| 10 | 10. | 2-3 | Designing the ERD |
| 11 | 11. | 2-3 | Designing the ERD (cont.) |
| 12 | 12. | 2-3 | Designing the relational model. |
| 13 | 13. | 2-3 | Designing the physical model. |
| 14 | 14. | 2-3 | Designing the prototype |
| 15 | 15. | 2-3 | Revising the documentation |
| 16 | 16. | 1 | Final presentation |

TEXT BOOKS

| Code* | Description |
|-------|-------------|
| | |

REFERENCE BOOKS

| Code* | Description |
|-------|-------------|
| | |

ACHIEVEMENTS

| Laboratory | | | | Description |
|------------|------------------|-------|------|--------------------------------------|
| # | Week | Hrs. | Code | |
| 1 | 2 nd | 2 - 3 | | Introducing the course requirements. |
| 2 | 3 rd | 2 - 3 | | Collecting user requirements |
| 3 | 4 th | 2 - 3 | | Collecting user requirements (cont.) |
| 4 | 5 th | 2 - 3 | | Merging user requirements. |
| 5 | 6 th | 2 - 3 | | Designing the DFD. |
| 6 | 7 th | 2 - 3 | | Designing the DFD (cont.) |
| 7 | 8 th | 2 - 3 | | Correcting the DFD. |
| 8 | 9 th | 2 - 3 | | Finalize the DFD. |
| 9 | 10 th | 2 - 3 | | Designing the ERD |
| 10 | 11 th | 2 - 3 | | Designing the ERD (cont.) |
| 11 | 12 th | 2 - 3 | | Designing the relational model. |
| 12 | 13 th | 2 - 3 | | Designing the physical model. |
| 13 | 14 th | 2 - 3 | | Designing the prototype |
| 14 | 15 th | 2 - 3 | | Designing the prototype (cont.) |
| 15 | 16 th | 2 - 3 | | Revising the documentation |

COMPUTER USAGE

PCs will be available with all the software needed by the students to complete their project.

GRADING AND ASSESSMENT METHOD

| Week # | Points | Written | Oral | Term Paper | Continuous | Thesis | | | | |
|--------|--------|---------|------|------------|------------|--------|--|--|--|--|
| 7 | 0 | | | | | | | | | |
| 12 | 0 | | | | | | | | | |
| 16 | 100 | | 50 | | | 50 | | | | |










READING MATERIAL

| Code* | Description |
|--|---|
| | Kendall, Kenneth E. and Kendall, Julie E., System Analysis and Design, 6 th Edition, Prentice Hall International Editors. Joey, F. George [et al], 2004, <i>Object- oriented Systems Analysis and Design</i> , Pearson Education, Inc., Upper Saddle River, New Jersey. |
| * TB : Text Book RB: Reference Book ST: Standards / Codes LN: Lecture Notes | |

SUPPLEMENTARY MATERIAL

| Code* | Description |
|--|---|
| SW | Office XP. Oracle developer and designer. Internet Based Applications. Microsoft Project. Visual studio.Net. SQL Server. Microsoft.Net Platform |
| *PR: Periodical SW: Software VT: Video Tape OS: Overhead Slide Projector MD: Model AC: Audio Cassette | |

EDUCATIONAL RESOURCES

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Prepared by :

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Sign:

Date: 1/7/2010

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Date: 1/7/2010