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| COURSE: Integrated information systems (ERP) | | |
| DEGREE: Management and Techonology | YEAR: 3 | TERM: 2 |

| WEEKLY PLANNING | | | | | | | | |
|-----------------|---------|---|-------------------|-----------------|---|---|------------------------------|-----------------------------------|
| WEEK | SESSION | DESCRIPTION | TEACHING (mark X) | | SPECIAL ROOM FOR SESSION (Computer class room, audio-visual class room) | WEEKLY PROGRAMMING FOR STUDENT | | |
| | | | L E C T U R E S | S E M I N A R S | | DESCRIPTION | CLASS HOURS (1,66=50+50 min) | HOMEWORK HOURS (Max. Estim. 6,5h) |
| 1 | 1 | Introduction.Management Information Systems (MIS). Concept, Typology | | | | Active class participation. Study of assigned material. | 1,66 | 6,5 |
| | 2 | Business processes vs. Functions. Business processes and Management Information Systems | | | | Active class participation. Study of assigned material. | 1,66 | |
| 2 | 3 | Business transactions and Information transactions | | | | Active class participation. Study of assigned material. | 1,66 | 6,5 |
| | 4 | Integration challenges in interfunctional business processes | | | | Active class participation. Study of assigned material. | 1,66 | |
| 3 | 5 | Functional MISs | | | | Active class participation. Study of assigned material. | 1,66 | 6,5 |
| | 6 | Interfunctional Business Processes and Integrated Information Systems (ERPs) | | | | Active class participation. Study of assigned material. | 1,66 | |
| 4 | 7 | Common Database. Implications | | | | Active class participation. Study of assigned material. | 1,66 | 6,5 |
| | 8 | ERP make vs. buy decision | | | | Active class participation. Study of assigned material. | 1,66 | |
| 5 | 9 | The ERP market. Concentration. Typology | | | | Active class participation. Study of assigned material. | 1,66 | 6,5 |

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| 5 | 10 | Commercial ERP systems vs. Open Source systems | | | | Active class participation. Study of assigned material. | 1,66 | 6,5 |
| 6 | 11 | ERP selection and procurement process | | | | Active class participation. Study of assigned material. | 1,66 | 6,5 |
| | 12 | Selection of the Database Management System (DBMS) | | | | Active class participation. Study of assigned material. | 1,66 | |
| 7 | 13 | Partial exam | | | Exam classr | Partial exam | 1,66 | 6,5 |
| | 14 | Current process design vs. implicit design within the ERP. Challenges and approaches | | | | Active class participation. Study of assigned material. | 1,66 | |
| 8 | 15 | Adapting the current practice. Business Process Reengineering (BPR) | | | | Active class participation. Study of assigned material. | 1,66 | 6,5 |
| | 16 | Adapting the ERP. Parameterization vs. customization. | | | | Active class participation. Study of assigned material. | 1,66 | |
| 9 | 17 | Case discussion session | | | | Active class participation. Study of assigned material. Prepare assigned cases. | 1,66 | 6,5 |
| | 18 | ERP implementation projects | | | | Active class participation. Study of assigned material. | 1,66 | |
| 10 | 19 | Practical ERP session | | | Comp.lab | Active involvement in practical session. Study of assigned material. | 1,66 | 6,5 |
| | 20 | Gradual vs. Big Bang implementation approaches | | | | Active class participation. Study of assigned material. | 1,66 | |
| 11 | 21 | Key players. Consultants, internal teams | | | | Active class participation. Study of assigned material. | 1,66 | 6,5 |
| | 22 | ERP post-implementation | | | | Active class participation. Study of assigned material. | 1,66 | |
| 12 | 23 | Alternative approaches to ERP infrastructure deployment | | | | Active class participation. Study of assigned material. | 1,66 | 6,5 |
| | 24 | Implications of adopting IaaS (Infrastructure as a Service) approaches | | | | Active class participation. Study of assigned material. | 1,66 | |
| 13 | 25 | Implications of adopting SaaS (Software as a Service) approaches | | | | Active class participation. Study of assigned material. | 1,66 | 6,5 |

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| | | | L E C T U R E S | S E M I N A R S | | DESCRIPTION | CLASS HOURS (1,66=50+50 min) | HOMEWORK HOURS (Max. Estim. 6,5h) |
| | 26 | Practical ERP session | | | Comp.lab | Active involvement in practical session. Study of assigned material. | 1,66 | 0,5 |
| 14 | 27 | Partial exam | | | Exam classr | Partial exam | 1,66 | 6,5 |
| | 28 | Risks. Failure cases - common causes | | | | Active class participation. Study of assigned material. | 1,66 | |
| | 29 | Additional session - Case discussion session | | | | Active class participation. Study of assigned material. Prepare assigned cases. | 1,66 | 3,25 |
| Subtotal 1 | | | | | | | 48 | 94 |
| Total 1 (Hours of class plus student homework) | | | | | | | 142 | |
| 15 | | Tutorials, handing in, etc | | | | | 3,6 | - |
| 16 | | Assessment | | | | | 4 | 10 |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| Subtotal 2 | | | | | | | 8 | 10 |
| Total 2 (Hours of class plus student homework) | | | | | | | 18 | |
| TOTAL (Maximun 160 horas) | | | | | | | 160 | |