



COURSE DESCRIPTION

1. Data concerning the program

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| 1.1 Higher education institution | Valahia University of Târgoviște |
| 1.2 Faculty / Department | Economic Sciences |
| 1.3 Department | Management - Marketing |
| 1.4 Area of academic study | Administrarea Afacerilor în Limba Engleză |
| 1.5 Study Cycle | License |
| 1.6 Study Program /Qualification | Business Administration |

2. Data concerning the teaching unit

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|-----------------------------------|----|-------------------------------------|----|------------------------|---|---------------------------------|-----------|
| 2.1 Title of the teaching unit | | Business Information Systems | | | | | |
| 2.2 Coordinator (Course Lecturer) | | | | | | | |
| 2.3 Seminar Lecturer | | | | | | | |
| 2.4 Year of study | II | 2.5 Semester | II | 2.6 Type of evaluation | E | 2.7 Course: mandatory /elective | Mandatory |

3. Total estimated time (hours per semester of educational activities)

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|--|----|----------------------|----|------------------------|-------|
| 3.1 Numbers of hours per week | 4 | Of which: 3.2 course | 2 | 3.3 seminar/laboratory | 2 |
| 3.4 Total hours in curriculum | 56 | Of which: 3.5 course | 28 | 3.6 seminar/laboratory | 28 |
| Time management | | | | | Hours |
| Studying after manual, references, recommended reading, course support and notes | | | | | 10 |
| Additional documentation in library, specialized e-platforms and on the ground | | | | | 10 |
| Preparation of seminars / labs, homework, portfolios and essays | | | | | 10 |
| Tutorship | | | | | 4 |
| Assessment | | | | | 10 |
| Other activities: case study, essay | | | | | 25 |
| 3.7 Total no. of hours of individual study | | | | | 69 |
| 3.9 Total no. of hours per semester | | | | | 125 |
| 3.10 Number of ECTS | | | | | 5 |

4. Pre-requirements (if applicable)

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| 4.1 Teaching units | Information Technology; Databases |
| 4.2 Competencies and skills | Advanced Knowledge in computer science General knowledge about economic activities Usage of logical reasoning on data base management |

5. Co-requirements (if applicable)

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| 5.1 For deployment of course | In the online system by using the Moodle e-learning platform (https://moodle.valahia.ro) and the Microsoft Teams videoconferencing platform |
| 5.2 For deployment of seminar/laboratory | Rooms with computers, Internet connection, video projector, studied software packages MS Office / In the online system by using the Moodle e-learning platform (https://moodle.valahia.ro) and the Microsoft Teams videoconferencing platform |

6. Specific competencies acquired

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|---------------------------|---|
| Professional competencies | C1 Collection, processing and analysis of information concerning the interaction between enterprise / organization and its external environment C2 Support for the management regarding the activity of the entirety company / organization C5 Using of the databases specific to business administration |
| Transversal competencies | CT3. Identifying of training opportunities and effective utilization of resources and learning |

7. Objectives of the teaching unit (emerging from the grid of specific competencies acquired)

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|-------------------------|--|
| 7.1 General objective | <ul style="list-style-type: none"> Acquiring knowledge about business information systems in business administration - use and design |
| 7.2 Specific objectives | <p>Acquiring knowledge about:</p> <ul style="list-style-type: none"> fundamental concepts related to BIS BIS - general concepts, classification, life cycle, the role, place and importance of the implementation and use of information systems in business; the models used in business information systems; hardware and software infrastructure for BIS; specific types of BIS by activities/industries; training skills for design and implementation of specific BIS. |

8. Contents of the teaching unit

| 8.1 Course | Teaching methods | Observations |
|--|---------------------------------|--------------|
| Informational Society – Knowledge society | Practical exercises/discussions | 2 hours |
| Economic Information Systems and globalization perspective: definitions, characteristics, typology | Analysis/Discussions | 4 hours |
| Theoretical fundaments on information systems | Analysis/Discussions | 2 hours |
| Design and development methods of IS: system life cycle, typology | Analysis/Discussions | 4 hours |
| Analysis of IS | Analysis/Discussions | 2 hours |
| Design methods for IS: classification, presentation | Analysis/Discussions | 2 hours |
| Systemic Methods of designing information Systems | Analysis/Discussions | 2 hours |
| Object oriented methods of designing Information Systems | Analysis/Discussions | 2 hours |
| Implementation of Information Systems | Analysis/Discussions | 2 hours |
| Integrated solutions for business - ERP | Analysis/Discussions | 2 hours |
| Integrated solutions for business - SCM | Analysis/Discussions | 2 hours |
| Integrated solutions for business - CRM | Analysis/Discussions | 2 hours |

References

- Balantzian, G. - Les systèmes d'information. Art et pratiques, Éditions d'Organisation, Paris, 2002;
- Cucui, G., Radu, F., Radu, V. - Sisteme Informatice de Gestiune, Valahia University Press, Târgoviște, 2009;
- Deshmukh, A. - Digital Accounting: the Effects of the Internet and ERP on Accounting, Hershey, PA: IRM Press, 2006;
- Fotache, D., Hurbean, L. - Soluții informatice integrate pentru gestiunea afacerilor – ERP, Ed. Economica, București, 2004;
- Goldenberg, B. - CRM In Real Time: Empowering Customer Relationships, CyberAge Books, 2008;
- Lungu, I. - Integrarea sistemelor informatice, Editura ASE, București, 2007;
- Lungu, I. și colectiv - Sisteme informatice. Analiză, proiectare și implementare, Editura Economica, 2003;
- Meșniță, G. - Sistemele informaționale contabile în contextul globalizării, Editura Junimea, Iași, 2002;
- Oprea, D. - Analiza și proiectarea sistemelor informaționale economice, Editura Polirom, Iași, 1999;
- Oprea, D., Airinei, D. Fotache, M. (coord) - Sisteme informaționale pentru afaceri, Editura Polirom, Iași, 2002;
- Radu, V. – Globalizarea sistemelor informaționale financiar contabile, Editura Bibliotheca, Târgoviște, 2009
- Saru, D., Ioniță, A. D. - Sisteme de programe orientate pe obiecte, Editura ALL, București, 2000.

| 8.2 Seminar/laboratory | Teaching methods | Observations |
|--|--|---|
| Microsoft Access - Database design basics | Case Studies/ collective assignments | 4 hours / choosing an assignment |
| Microsoft Access - Relationships | Case Studies/ individual assignments | 2 hours/ presenting individual assignment |
| Microsoft Access – instruments to create queries | Case Studies/ collective assignments | 4 hours / theme analysis |
| Microsoft Access – SQL queries | Case Studies | 4 hours/ presenting individual assignment |
| Microsoft Access – filling form | Case Studies/ presenting individual assignment | 4 hours/ presenting individual assignment |
| Microsoft Access – design a form filling database | Case studies | 4 hours/ presenting individual assignment |
| Microsoft Access – creating reports to present information in tables and queries | Case studies | 2 hours/ presenting individual assignment |
| Importing and exporting information between different computer programs | Case studies | 2 hours/ presenting individual assignment |
| Data base management | Case studies | 2 hours/ final project |

References

- Balantzian, G. - Les systèmes d'information. Art et pratiques, Éditions d'Organisation, Paris, 2002;
- Cucui, G., Radu, F., Radu, V. - Sisteme Informatice de Gestiune, Valahia University Press, Târgoviște, 2009;
- Deshmukh, A. - Digital Accounting: the Effects of the Internet and ERP on Accounting, Hershey, PA: IRM Press, 2006;
- Fotache, D., Hurbean, L. - Soluții informatice integrate pentru gestiunea afacerilor – ERP, Ed. Economica, București, 2004;
- Goldenberg, B. - CRM In Real Time: Empowering Customer Relationships, CyberAge Books, 2008;
- Lungu, I. - Integrarea sistemelor informatice, Editura ASE, București, 2007;

7. Lungu, I. și colectiv - Sisteme informatice. Analiză, proiectare și implementare, Editura Economica, 2003;
8. Meșniță, G. - Sistemele informaționale contabile în contextul globalizării, Editura Junimea, Iași, 2002;
9. Oprea, D. - Analiza și proiectarea sistemelor informaționale economice, Editura Polirom, Iași, 1999;
10. Oprea, D., Airinei, D. Fotache, M. (coord) - Sisteme informaționale pentru afaceri, Editura Polirom, Iași, 2002;
11. Radu, V., Radu, F. – Sisteme informatice financiar-contabile în Microsoft Visual FoxPro, Editura Prouniversitaria, Bucuresti, 2011;
12. *** - MS Office – Access.

9. Interrelating between the contents of the teaching unit and the expectations of the scientific community' representatives, professional associations and the representative employers in the field afferent to the program

This course has been elaborated according with the requirements of information users and prepares students to effectively use, manage, and participate in the development of information technology applications in support of common business processes.

10. Assessment

| Activity type | 10.1 Criteria of assessment | 10.2 Method(s) of assessment | 10.3 Construction of the mark (including the weighting of the various partial marks) |
|--|---|-----------------------------------|--|
| 10.4 Course | Accumulated knowledges | Final evaluation (written exam) | 50% |
| | Course participation | Active participation of students | 5% |
| 10.5 Seminar/laboratory | Practical knowledges | Step by step evaluation (oral) | 10% |
| | Applying learned abilities in elaborating the individual assignment | Individual assignment performance | 30% |
| | Seminar participation | Active participation of students | 5% |
| 10.6 Minimal standard of performance | | | |
| <ul style="list-style-type: none"> - Knowledge of specific basic concepts - Capacity to develop and manage a data base - Obtaining minimum grade (5) to pass seminar - Obtaining minimum grade (5) at final evaluation | | | |