



UNIUNEA EUROPEANĂ



GUVERNUL ROMÂNIEI

Fondul Social European
POSDRU 2007-2013Instrumente Structurale
2007-2013MINISTERUL
EDUCAȚIEI
NAȚIONALE
DIPOSDRUUNIVERSITATEA DE VEST
DIN TIMIȘOARA**investește în oameni!**

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Proiect cofinanțat din Fondul Social European prin Programul Operațional Sectorial Dezvoltarea Resurselor Umane 2007- 2013

COURSE SYLLABUS

1. Information about the programme

1.1 Institution of higher education	WEST UNIVERSITY OF TIMISOARA
1.2 Faculty / Department	ECONOMY AND BUSSINES ADMINISTRATION
1.3 Department of	BUSINESS INFORMATION SYSTEMS
1.4 Area of study	FINANCE
1.5 Level of studies	BACHELOR'S DEGREE
1.6 Training / qualification	FINANCE AND BANKING

2. Discipline data

2.1 Course title	DATABASES FB1TC2102						
2.2 Course titular	Assoc. Prof. Diana TĂRNĂVEANU PhD						
2.3 Workshop activities titular	Assoc. Prof. Diana TĂRNĂVEANU PhD						
2.4 Year of study	II	2.5 Semester	I	2.6 Type of assessment	E	2.7 Type of subject matter	M - mandatory

3. Total estimated time(hours of teaching per semester)

3.1 Number of hours per week	4	3.2 curs	2	3.3 workshops	2
3.4 Total hours in the curriculum	56	3.5 curs	28	3.6 workshops	28
Distribution of time:					ore
Study based on Instructions, course materials, bibliography and notes					30
Additional documentation library, specialized electronic platforms / field					20
Training seminars / laboratories, homework, essays, portfolios and essays					16
Tutoring					-
Examinations					3
Other activities.....					-
3.7 Total hours of private study	69				
3.8 Total hours per semester	125				
3.9 Number of credits	5				

4. Prerequisites (where applicable)

4.1 of curriculum	• -
4.2 of skills	• -

5. Condiții (where applicable)



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5.1 of the course	<ul style="list-style-type: none"> The lectures take place in rooms equipped with multimedia projector Minimum 50% attendance
5.2 to lead seminar / laboratory	<ul style="list-style-type: none"> The laboratory work take place in rooms with Internet connection. Microsoft Access 2007 is used for the laboratory work. At the end of the semester, a practical exam is mandatory. Minimum 75% attendance

6. Specific skills acquired

Transversals skills	CT3 Identify training opportunities and efficient use of resources and learning techniques for self-development
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7. Course objectives (based on the grid of the skills acquired)

7.1 The overall objective of discipline	<ul style="list-style-type: none"> Developing competencies in the relational databases field
7.2 The specific objectives	<ul style="list-style-type: none"> Substantiation of database theory basic concepts; Understanding the relational model; Knowing SQL language philosophy

8. Contents

8.1 Course	Teaching methods	Comments
Database theory fundamentals.	Lectures, student interactions. The lectures are conducted with the help of PowerPoint presentations and IT necessary resources (Microsoft Access 2007 installed on the laptop)	Online lecture documentations available for students
Database management systems. Data representation models.	idem	idem
Relational data model. Relational database concepts. Database design	idem	idem
Microsoft Office Access 2007. Managing objects in a user-friendly manner	idem	idem
Tables and relationships between tables	idem	idem



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Forms	idem	idem
Reports	idem	idem
Queries	idem	idem
SQL fundamentals. SQL statements for data definition language.	idem	idem

Bibliography

1. Henning T., Cooper R., Griffit G.L, Dennison J. (2010), Access 2010 Programmer's Reference, Wrox Publishing
2. Jones E. (2012), Microsoft Access 2010 Essentials: Get It Done, Amazon Digital Services, Inc.
3. McDonald M. (2012), Access 2010: The Missing Manual, Pogue Press; 1 edition
4. Reid W.P.M. (2007) – Pro Access 2007, Apress, Springer-Verlag New York
5. Whitehorn M., Marklyn B. (2007) – Inside Relational Databases with Examples in Access, Springer London
6. Târnavăanu D., Hauer I. (2012) – Baze de date relaționale, Editura de Vest, Timișoara
7. Târnavăanu D., Databases. Lecture notes –online documentation, 2013

8.2 Seminar / lab	Teaching methods	Comments
1. Database theory fundamentals	Presenting the requirements. Student interaction for solving the proposed examples	Laboratory room with Internet connection and Microsoft Access 2007 installed on all computers Online laboratory documentations available for students
2. Relational data model. Study Cases. Relational databases in Access.	idem	idem
3. Developing economic application. Tables and relationship between tables.	idem	idem
4. Forms	idem	idem
5. Reports	idem	idem
6. Queries, macros, modules	idem	idem
7. SQL in Access - data definition language	idem	idem
8. SQL in Access - data manipulation language	idem	idem

Bibliography

1. Henning T., Cooper R., Griffit G.L, Dennison J. (2010), Access 2010 Programmer's Reference, Wrox Publishing
2. Jones E. (2012), Microsoft Access 2010 Essentials: Get It Done, Amazon Digital Services, Inc.
3. McDonald M. (2012), Access 2010: The Missing Manual, Pogue Press; 1 edition
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| 6. Târnavăanu D., Hauer I. (2012) – Baze de date relaționale, Editura de Vest, Timișoara |
| 7. Târnavăanu D., Databases. Lecture notes –online documentation, 2013 |

9. Corroboration of the course contents with the epistemic expectations of the community representative, professional associations and representative employers of the programme itself.

- | |
|---|
| <ul style="list-style-type: none"> The course content has been developed by taking into account the current requirements |
|---|

10. Evaluation

Type of activity	10.1 Evaluation criteria	10.2 Evaluation methods	10.3 Percentage of the final mark
10.4 Course	Knowledge Assessment	Written exam	50%
10.5 Seminar / laboratory	Knowledge Assessment	Computer test	50%
10.6 Minimum performance standards			
<ul style="list-style-type: none"> The minimum grade is 5(five) for each activity 			

Date of submission: September 2014**Titular of the course:****Seminary titular:**

Assoc. Prof. TÂRNĂVEANU Diana PhD

Assoc. Prof. TÂRNĂVEANU Diana PhD

Date of approval in department: September 2014**Head of the Department:**

Prof. MUNTEAN Mihaela PhD



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