

Syllabus

1. Program information

1.1. Institution	ACADEMY OF ECONOMIC STUDIES
1.2. Faculty	Economic Cybernetics, Statistics and Informatics
1.3. Departments	(Department) INFORMATICA SI CIBERNETICA ECONOMICA
1.4. Field of study	Economic Informatics
1.5. Cycle studies	Master Studies
1.6. Education type	Full-time
1.7. Study program	IT&C Security
1.8. Language study	English
1.9. Academic year	2016-2017

2. Course information

2.1. Name	IT&C Security Ethical Codes, Laws and Regulations								
2.2. Code	16.0241IF1.1-0006								
2.3. Year of studies	1	2.4. Semester	1	2.5. Assessment type	Exam	2.6. Course type	O	2.7. Number of ECTS	5
2.8. Instructors									

3. Total estimated time

3.1. Number of weeks	14.00		
3.2. Number of hours per week	2.00	of which	
		C(C)	2.00
3.3. Total hours from curriculum	28.00	of which	
		C(C)	28.00
3.4. Total hours of study per semester (ECTS*25)	125.00		
3.5. Total hours of individual study	97.00		
<i>Time distribution for individual study</i>			
Study the textbook, course support, bibliography and notes			
Further reading in the library, on the online platforms and field			
Preparing seminars, labs, homework, portfolios and essays			
Tutoring			
Examinations			
Other activities			

4. Prerequisites

4.1. About curriculum	The course assumes no prior lectures from the curriculum.
4.2. About skills	The course assumes no prior competences.

5. Requirements

C(C)	Course lectures take place in rooms with multimedia teaching equipment.
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6. Skills covered

	CT1	Applying the rules and values of professional ethics for decision making and independent or team implementation of complex tasks / objectives at work
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7. Course objectives

7.1. General objective	Knowledge gathering of laws concerning informatics security and digital and electronic signatures.
7.2. Specific objectives	Cunoasterea legislatiei din Romania, U.E si U.S pentru comertul electronic, semnatura electronica si autoritatile de certificare.

8. Course contents

8.1. C(C)		Teaching methods	Advices
1	1. Electronic signatures vs digital signatures.		
2	2. United National Committee Regulations.		
3	3. European Union Regulations.		
4	4. Electronic Signature Standardization in UE.		
5	5. Romanian Regulations.		
6	6. Evaluation Principles and Criterias of the Certification Authorities.		
7	7. Security requests for trust systems that administrate certificates at FSC.		
8	8. European regulations concerning secure devices for EAL4 signatures creation.		
9	9. Evaluation criterias of the security: TCSEC (Orange Book),TNI (Red Book), ITSEC, BS 7799, ISO 17799		
10	10. Ethical Codes in IT&C		

Bibliography

- Patriciu V., Patriciu S., Vasiu I., Internet-ul și dreptul, All, 1999
- Ross Anderson, Internet Security, John Wiley & Sons, 2001
- William Ford, Secure Electronic Commerce, Prentice Hall, 2001

9. Course contents corroboration with the demands of epistemic community representatives, professional associations and representative employers

Taking into account the best practices from IT&C field applied by big companies such as: Intel, Oracle, Microsoft, IBM, HP and professional consortiums such as: Apache, Red Hat, ISO/IEC.

10. Assessment

Activity	Assessment criteria	Assessment methods	Percentage in the final grade
10.1. C(C)			40.00

10.2. Final assessment			60.00
10.3. Grading scale	Whole notes 1-10		
10.4. Minimum performance standard	Knowledge required: laws and regulations from Romania and European Union for electronic signatures and e-Commerce. The point granted by default is included in the weights assigned to the types of assessments.		

Completion date,
07/10/2016

Instructors,

Approval date of department

Director of department,