

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	Security Management in Informatics Systems								
2.2. Code	16.0241IF1.2-0008								
2.3. Year of studies	1	2.4. Semester	2	2.5. Assessment type	Exam	2.6. Course type	A	2.7. Number of ECTS	4
2.8. Instructors									

3. Total estimated time

3.1. Number of weeks	14.00		
3.2. Number of hours per week	1.00	of which	
		C(C)	1.00
3.3. Total hours from curriculum	14.00	of which	
		C(C)	14.00
3.4. Total hours of study per semester (ECTS*25)	100.00		
3.5. Total hours of individual study	86.00		
<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

	C6	Updating the scientific research methods and techniques in computer science applied in economy
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7. Course objectives

7.1. General objective	Presentations of mechanisms, technologies and techniques used in the management of the security in information systems.
7.2. Specific objectives	-

8. Course contents

8.1. C(C)		Teaching methods	Advices
1	1. Security costs management;		
2	2. Human resources management from the security point of view;		
3	3. Applications and secured systems quality management;		
4	4. The management of the secured applications life cycles.		

Bibliography

- Ion Gh. Rosca, Cristian-Mihaela Bucur, Carmen Timofte-Stanciu, Mirela Visan, Octavian Paiu, Comerțul electronic, Economică, 2004
- Ion Gh. Roșca, Nicolae Țăpuș, Internet și Intranet, Concepte și Aplicații, Economică, 2000
- Stalling William, Cryptography and Network Security, Prentice Hall, 1999

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)		Applied activities, practical or project certificates/laboratory/tests, tests during the module, auditing tests	40.00
10.2. Final assessment		Final examination	60.00
10.3. Grading scale	Whole notes 1-10		
10.4. Minimum performance standard	Knowledge required: building a management plan for IT&C Security project's implementation. 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,