

SHORT COURSE SHEET: „OPTIMIZATION ”  
2015-2016

1. Program data

1.1 Department	Engineering, Mechanical and Computing Sciences
1.2 Institution	The Romanian Academy
1.3 Domain	Computer and Information Technology
1.4 Study program	PHD

2. Course Data

2.1 Course name	Parallel and Distributed Computing						
2.2 Course/class teacher	C.S. I Dr. Cristian Sminchişescu						
2.3 Seminar teacher	C.S. I Dr. Cristian Sminchişescu						
2.4 Laboratory instructor							
2.5 Study year	I	2.6 Semester	II	2.7 Type of evaluation	E*	2.8 Type of course	DS**

3. The total estimated time (hours per semester for teaching)

3.1 Number of hours per week	4	Out of which:					
3.2 course/class	2	3.3 seminar	2	3.4 laboratory	0		
3.5 Total hours in the teaching plan	56	Out of which:					
3.6 course/class	28	3.7 seminar	28	3.8 laboratory	0		
Time distribution:							hours
Study based on textbook, references and notes							60
Supplementary study in library, on the net as well as practical training							100
Seminar/laboratory preparation, assignments, homeworks, essays							94
Tutoring							55
Examinations							4
Other activities: General research methods and the methodology of writing scientific articles							6
3.9 Total number of hours of individual study	319						
3.10 Total number of hours per semester	375						
3.11 Number of credits	15						

4. „The results of learning” and specific expertise acquired

<ol style="list-style-type: none"> <li>1. Learning class material;</li> <li>2. Ability to use the presented results in new contexts;</li> <li>3. The knowledge acquired and the abilities developed during the class will serve future scientific research activities</li> <li>4. Ability to select and use independently the most appropriate scientific research methods in one's own professional activity</li> <li>5. Ability to present the results obtained in one's own scientific research</li> <li>6. Knowledge of the notion of copyright and its ethical implications;</li> <li>7. Knowledge of the general principles of writing scientific articles;</li> <li>8. Writing a scientific article;</li> <li>9. Writing a research project;</li> </ol>
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\*E = Examination. C = Collocquy.

\*\*DF = Fundamental course. DS = Special course.

**5. Evaluation**

Action type	5.1 Evaluation criteria	5.2 Evaluation methods	5.3 Weight in the final mark
5.4 Class/course	Acquired knowledge	Written exam	65%
5.5 Seminar	Activity	Oral exam	35%
5.6 Laborator			
5.7 Minimal performance: Knowledge of 70% of the course content			

Course teacher signature  
C.S. I Dr. Cristian Sminchişescu

Seminar teacher signature  
C.S. I Dr. Cristian Sminchişescu

Laboratory instructor signature



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