	Evaluation and Actions for meeting Course and Programme Outcomes **Department of Information Technology** **School of Computing and Technology** **Eastern Mediterranean University** **2018-19 SPRING**	

Course:	ITEC255 - Computer Organization and Architecture
Lecturer:	Asst. Prof. Dr. Hüsnü Bayramoğlu
Number of students in class:	30
Number of students in survey:	22

Questions to assess Course Outcomes:

		Average (%)	Evaluation Results**	Explanation	Action
1.	Describe Computer architecture and organization, computer arithmetic, and CPU design	84	Target met	Key concepts are understood	Encourage students to deepen their understanding of basic concepts
2.	Describe how numbers and characters are represented in a computer.	82	Target met	Students' math skills are good	Encourage students to deepen their understanding of basic concepts
3.	Describe I/O system and interconnection structures of computer	81	Target met	Students have good reasoning ability	Encourage students to develop critical thinking skills
4.	Draw a block diagram, including interconnections, of the main parts of a computer.	82	Target met	Teaching tools are effective	Consider using more advanced and modern teaching tools
5.	Describe how a computer stores and retrieves information to/from memory and hard drives.	80	Target met	Students are well-motivated	Motivate students to learn and use advanced mathematics
6.	Identify high performance architecture design	80	Target met	Teaching tools are effective	Consider using more advanced and modern teaching tools
7.	Explain how to cache memory is implemented	83	Target met	Students are well-prepared	Develop time management skills
8.	Explain a wide variety of memory technologies both internal and external	81	Target met	Students are well-motivated	Emphasize the importance of motivation in life-long learning
9.	Define the terms: bus, handshaking, serial, parallel, data rate.	82	Target met	Key concepts are understood	Encourage students to deepen their understanding of basic concepts
10.	Describe various data representations and explain how arithmetic and logical operations are performed	81	Target met	Students' math skills are good	Motivate students to learn and use advanced mathematics

Questions to assess Programme Outcomes:

		Average (%)	Evaluation Results**	Explanation	Action
1.	Apply problem solving skills, core IT concepts, efficient practices and standards to Information Technologies	82	Target met		
2.	Identify and evaluate organizational requirements and current and emerging technologies	80	Target met		
3.	Select, design, integrate and administer IT-based solutions in the organizational environment	77	Target met		
4.	Use strong analytical and critical thinking skills as well as practical knowledge in IT field	81	Target met		
5.	Be equipped with the theoretical background to pursue graduate level studies	77	Target met		

6.	Communicate effectively, both in writing and in speaking	81	Target met		
7.	Demonstrate the ability to participate effectively in the planning and execution of team-based projects	78	Target met		
8.	Describe the impact of IT solutions in a global, societal, and ethical context	78	Target met		
9.	Describe the need for continuous learning in order to achieve IT	75	Target met		
10.	Follow the latest developments within the field of IT	76	Target met		
11.	Use practical skills compatible with business requirements	77	Target met		
12.	Be broadly educated	81	Target met		

ECTS Verification:

Activities	Number	Duration (hour)	Total Workload(hour)
Course duration in class (including the Exam week)	14	3	42
Labs and Tutorials	14	1	14
Quizzes (Study + Duration)	2	5	10
Midterm Examination (Study + Duration)	1	9	9
Final Examination (Study + Duration)	1	10	10
Self-Study	14	5	70
Total Workload			155
Total Workload/30 (h)			5.2
ECTS Credit of the Course			6

Comments about Verification of ECTS credits:

6 ECTS credits are assigned to this course which is verified by the above table.