



Course Assessment Survey
ITEC255 – Computer Organization and Architecture
Department of Information Technology - Eastern Mediterranean University

The results of the following questionnaire will be discussed by the quality management committee and the instructor to devise a correction plan if necessary to verify if the targeted programme and course learning outcomes are satisfied by each course as well as the ECTS credits. Your cooperation and assistance is greatly appreciated.

1- Please specify an approximate number of hours spent for the following actions:

| Studying for this course each week | Studying for each Quiz | Studying for Midterm Exam | Studying for Final Exam |
|------------------------------------|------------------------|---------------------------|-------------------------|
| | | | |

Please state the level to which you have attained as a result of your education in the Department of Information Technology.

2- The following course outcomes were achieved:

| | | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) |
|-----|---|--------------------|-----------|-------------|--------------|-----------------------|
| 1. | Describe computer architecture and organization, computer arithmetic, and CPU design. | | | | | |
| 2. | Describe how numbers and characters are represented in a computer. | | | | | |
| 3. | Describe I/O system and interconnection structures of computer. | | | | | |
| 4. | Draw a block diagram, including interconnections, of the main parts of a computer. | | | | | |
| 5. | Describe how a computer stores and retrieves information to/from memory and hard drives. | | | | | |
| 6. | Identify high performance architecture design. | | | | | |
| 7. | Explain how the cache memory is implemented. | | | | | |
| 8. | Explain a wide variety of memory technologies both internal and external. | | | | | |
| 9. | Define the terms: bus, handshaking, serial, parallel, data rate. | | | | | |
| 10. | Describe various data representations and explain how arithmetic and logical operations are performed by computers. | | | | | |

3- This course makes significant contributions to the following programme outcomes:

| | | Strongly Agree (5) | Agree (4) | Neutral (3) | Disagree (2) | Strongly Disagree (1) |
|-----|---|--------------------|-----------|-------------|--------------|-----------------------|
| 1. | Apply problem solving skills, core IT concepts, efficient practices and standards to Information Technologies | | | | | |
| 2. | Identify and evaluate organizational requirements and current and emerging technologies | | | | | |
| 3. | Select, design, integrate and administer IT-based solutions in the organizational environment | | | | | |
| 4. | Use strong analytical and critical thinking skills as well as practical knowledge in IT field | | | | | |
| 5. | Be equipped with the theoretical background to pursue graduate level studies | | | | | |
| 6. | Communicate effectively, both in writing and in speaking | | | | | |
| 7. | Demonstrate the ability to participate effectively in the planning and execution of team-based projects | | | | | |
| 8. | Describe the impact of IT solutions in a global, societal, and ethical context | | | | | |
| 9. | Describe the need for continuous learning in order to achieve IT | | | | | |
| 10. | Follow the latest developments within the field of IT | | | | | |
| 11. | Use practical skills compatible with business requirements | | | | | |
| 12. | Be broadly educated | | | | | |