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| *Course report of* |
|  Computing in Engineering **– CSE031** – Fall 2018 |
| University: Ain Shams | Faculty: Engineering |

## Basic Information

1. Title and code :

|  |
| --- |
| Computing in Engineering **– CSE031** |

1. Program on which the course is given :

|  |  |
| --- | --- |
|

|  |
| --- |
| All Programs |

 |

1. Year/Level of programs :

|  |
| --- |
| Freshmen  |

1. Units/Credit Hours

|  |  |
| --- | --- |
| ( i ) Lecture : | 2 |

|  |  |
| --- | --- |
| ( ii ) Tutorial/Practical : | 0 |

|  |  |
| --- | --- |
| ( iii ) Total : | 0 |

1. Names of lecturers contributing to delivery of the course :

|  |  |
| --- | --- |
| i - | [Mohamed Mahmoud Ahmed Taher](https://portal.eng.asu.edu.eg/instructors/381) |

|  |  |
| --- | --- |
| ii - | [Hossam El-Din Hassa Abd El Munim](https://portal.eng.asu.edu.eg/instructors/367) |

|  |  |
| --- | --- |
| iii - | Hesham Farag |

|  |  |
| --- | --- |
| Course coordinator: | Dr. Mohamed Taher |

|  |  |
| --- | --- |
| External evaluator: | N/A |

## Statistical Information

|  |  |
| --- | --- |
| No. of students attending the course: | 606 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | A | B | C | D | F | SUM |
| Students No. | 24 | 253 | 235 | 82 | 12 | **606** |
| Percentage (%) | 4 | 42 | 39 | 14 | 2 |  |

## Professional Information

1. **Course Teaching:**

|  |  |  |
| --- | --- | --- |
| **Week** | **Course Content** | **Lecture****Hours** |
| 1 | The components of a computer system | 2 |
| 2 | Data representation -1 | 2 |
| 3 | Data representation - 2 | 2 |
| 4 | Flowcharts | 2 |
| 5 | Computer networks | 2 |
| 6 | Database | 2 |
| 7 | Big Data | 2 |
| 8 | Distributed computing | 2 |
| 9 | Cloud Computing | 2 |
| 10 | IOT | 2 |
| 11 | OS | 2 |
| 12 | Internet operations  | 2 |
| 13 | Embedded Systems | 2 |
| 14 | augmented reality | 2 |
| 15 | virtual reality | 2 |
| Total Number of Hours | 30 |

**Topics taught as a percentage of the content specified:**

**>90 % ✓ 70-90 % <70%**

**Reasons in detail for not teaching any topic**

All topics were taught ……………………………………….

………………………………………………………………………………………………

………………………………………………………………………………………………

**If any topics were taught which are not specified, give reasons in detail**

N/A………………………………………………………………………………………….

………………………………………………………………………………………………

**Teaching and learning methods:**

 Lectures: **✓**

Practical training/ laboratory:

Seminar/Workshop:

Class Activity: **(Tutorials)**

**Case Study:**

Other assignments/homework:

If teaching and learning methods were used other than those specified, list and give reasons:

………………………………………………………………………………………………

………………………………………………………………………………………………

1. **Student assessment:**

|  |  |
| --- | --- |
| **Method of assessment** | **Percentage of total** |
| Written examination | 60 % |
| Midterm examination | 25 % |
| Quizzes | 5 % |
| Assignments | 5 % |
| Participations | 5 % |

**Members of examination committee**

* Mohamed Taher
* [Hossam Abd El Munim](https://portal.eng.asu.edu.eg/instructors/367)
* Hesham Farag

**Role of external evaluator**

N/A………………………………………………………………………………………….

1. **Facilities and teaching materials:**

Totally adequate  **✓**

Adequate to some extent

Inadequate

List any inadequacies

1. **Administrative constraints:**

List any difficulties encountered

 No difficulties

1. **Student evaluation of the course:**

In the Questionnaire file

**Response of Course Team**

The course has no tutorials or labs.

We will try to interact more with students in the lectures

1. **Comments from external evaluator(s): Response of course team**

………**N/A** ……………….