*Course Report of*

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| --- |
| **Electrical & Electronic Engineering - EPM 112pr2 – 2018/2019**  **Electrical part** |

**University: Ain Shams** **Faculty: Engineering**

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|  |

**A- Basic Information**

1. **Title and code:**

|  |
| --- |
| Electrical & Electronic Engineering - EPM 112 |

1. **Program(s) on which this course is given:**

|  |
| --- |
| B.Sc. in Mechanical Power, Production, Automative, Mechatronics Departments and  Electrical Power and Machines Eng. |

|  |  |
| --- | --- |
| **3. Year/ Level of programs:** | 2nd year, Second Semester |

**4. Units/Credit Hours:**

|  |  |
| --- | --- |
| i. Lecture: | 2 Hrs/week |

|  |  |
| --- | --- |
| ii. Tutorial/Practical: | 1 Hrs/week |

|  |  |
| --- | --- |
| iii. Total: | 3 Hrs/week |

**5. Names of lecturers contributing to the delivery of the course:**

|  |  |
| --- | --- |
| i. | Prof. Dr. *Abdel-Aal Mantawi* |
| ii. | Dr. Khaled Abdel-Aty |
| iii. |  |
| iv. |  |

|  |  |
| --- | --- |
| **6. Course Coordinator:** | Dr. Khaled Abdel-Aty |

|  |  |
| --- | --- |
| **7. External Evaluator:** |  |

**B- Statistical Information**

|  |  |
| --- | --- |
| No. of Students attending the course: |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | | **Number** | **Percentage (%)** |
| **Students completing the course** | |  |  |
| **Results** | Passed |  |  |
| Failed |  |  |
| **Grading Of successful students** | Excellent |  |  |
| Very Good |  |  |
| Good |  |  |
| Pass |  |  |

**C- Professional Information**

**1 – Course Teaching:**

|  |  |  |
| --- | --- | --- |
| **Topics actually taught** | **No. of Hrs** | **Lecturer** |
| Basic Concepts | 4 | Dr. Khaled Abdel-Aty |
| Basic circuit laws | 4 | Dr. Khaled Abdel-Aty |
| Circuit analysis techniques | 6 | Prof. Dr. Abdel-Aal Mantawi  Dr. Khaled Abdel-Aty |
| Sinusoidal steady state analysis | 6 | Prof. Dr. Abdel-Aal Mantawi |
| Electrical circuits theorems | 4 | Prof. Dr. Abdel-Aal Mantawi  Dr. Khaled Abdel-Aty |
| AC analysis | 6 | Prof. Dr. Abdel-Aal Mantawi |
| **Total** | **30** |  |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **√** | **>90 %** |  | **70-90 %** | **<70%** |  |

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

**………………………………………**

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

**N/A………………………………………**

**2- Teaching and learning methods:**

|  |  |
| --- | --- |
| Lectures: | **√** |
| Practical training/ laboratory: | **√** |
| Seminar/Workshop: | N/A |
| Class Activity: | **√** |

## Case Study: N/A

**3- Student assessment:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Assessment method | No | Description | Week No | Weight (Marks) |  |
| Assignment | 1 | Assignment | Week 6 | 5 |  |
| Report | 2 | Report | Week 12 | 5 |  |
| Participation | 3 | Participation | All | 5 |  |
| Written Exam | 4 | Mid Term Exam | Week 8 | 15 |  |
| Written Exam | 5 | Final Term Exam | Week 16 | 45 |  |
| Total | | | | 75 |  |

Members of examination committee

Prof. Prof. Dr. Abdel-Aal Mantawi

Dr. Khaled Abdel-Aty

**4- Facilities and teaching materials:**

|  |  |
| --- | --- |
| Totally adequate |  |
|  |  |
| Adequate to some extent | **√** |
| Inadequate |  |

List any inadequacies

……………………………………………

……………………………………………

**5- Administrative constraints**

………………………………..

………………………………..

**6- Student evaluation of the course: Response of Course Team**

All indicators above 50 %. (attached file to be checked)

**7- Comments from external evaluator(s): Response of course team**

N/A……………………… …………………………….

……….……………..……. …………………………….

**8- Course enhancement:**

**8.1 Progress on actions identified in the previous year’s action plan:**

**Action State whether or not completed and give reasons for any non-completion**

……………………………. …………………………….

**8.2 Action plan for academic year 2019 – 2020**

|  |  |  |
| --- | --- | --- |
| **Actions required** | **Completion date** | **Person responsible** |
| --- |  | -- |

**Course coordinator:** Dr. Khaled Abdel-Aty

**Signature:**

Date: