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| --- | --- |
| *Course report of* | |
| |  | | --- | | Graduation Project MDP 499 Spring 2020 | | |
| University: Ain Shams | Faculty: Engineering |

## Basic Information

1. Title and code:

|  |
| --- |
| MDP499: Graduation Project |

1. Programs on which the course is given:

|  |  |
| --- | --- |
| |  | | --- | | Design and production Engineering Dept. | |

1. Year/Level of programs:

|  |
| --- |
| Level 4 |

1. Units/Credit Hours

|  |  |
| --- | --- |
| ( i ) Lecture : | 0 |

|  |  |
| --- | --- |
| ( ii ) Tutorial/Practical : | 0/4 |

|  |  |
| --- | --- |
| ( iii ) Total : | 4 |

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

|  |  |
| --- | --- |
| i - | Prof. Ahmed Elsabbagh |

|  |  |
| --- | --- |
| ii - | Prof. Adel Elsabbagh |

|  |  |
| --- | --- |
| iii - | Aosc. Prof. Ramadan ELgamsy |

|  |  |
| --- | --- |
| Course coordinator: | Prof. Adel Elsabbagh |

|  |  |
| --- | --- |
| External evaluator: |  |

## Statistical Information

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| --- | --- | --- | --- |
|  | | **Number** | **Percentage (%)** |
| **No. of students completing the course** | |  | % |
| **Results** | Passed | 30 | 100% |
| Failed | 0 | 0 |
| **Grading of successful students** | Excellent | 28 | 93.4% |
| Very Good | 2 | 6.6% |
| Good | 0 | 00% |
| Pass | 0 | 00% |

## Professional Information

1. **Course Teaching:**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Course Content** | **Lab (hours)** | **Total** |
| **1** | Choosing the title of a complete engineering project belongs to one of the main sub-topics of the mechanical power engineering department, Designing how to implement the required project so that it is satisfying the concerned industrial code requirement | 16 | 16 |
| **2** | Introduction, Soft skills; health and safety, planning, Time management, project management, information management, team work, and budget. | 16 | 16 |
| **3** | How to do a literature survey, how to read a paper and how to write a technical report | 16 | 16 |
| **4** | Discussion of the literature survey performed by the students and giving comments | 12 | 12 |
| **5** | Design how to implement the required project so that it satisfies the concerned industrial code requirement. | 12 | 12 |
| **6** | Doing appropriate analysis to get the optimum specifications for all the required project’s elements | 12 | 12 |
| **7** | Start choosing the project elements and start to choose the appropriate simulation tool. | 12 | 12 |
| **8** | Control system design and dynamic simulation | 8 | 8 |
| **9** | Writing the final GP2 report and prepare the presentation, showing all of its details. | 16 | 16 |
|  | **Total** | **120** | **120** |

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

**>90 % 70-90 % <70%**

**X**

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

Because of Coronavirus only 80% of the course contents were covered.

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

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

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**Teaching and learning methods:**

Lectures: **X**

Practical training/ laboratory:  **X**

Online meeting using zoom **X**

Class Activity: **(Tutorials)**  **X**

**Case Study:**

Other assignments/homework:

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

The students were asked to do mini-project to apply what they have learnt in the course.

1. **Student assessment:**

|  |  |
| --- | --- |
| **Assessment method** | **Weight (%)** |
| Term work activities 1st term | **25** |
| Term work activities 2nd term | **25** |
| Final report | **25** |
| Final examination | **25** |
| Total | 100 |

**Members of examination committee**

i- Prof. Ahmed Monieb

**Role of external evaluator**

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

………………………………………………………………………………………………

1. **Facilities and teaching materials:**

Totally adequate

**X**

Adequate to some extent

Inadequate

List any inadequacies

1. **Administrative constraints:**

List any difficulties encountered

No difficulties

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

**Response of Course Team**

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

………**N/A** ………………. …………………………….

……….……………..……. …………………………….