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| *Course report of* | |
| Engineering Drawing – MDP-011 – Fall 2019 | |
| University: Ain Shams | Faculty: Engineering |

## Basic Information

1. Title and code :

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| --- |
| Engineering Drawing – MDP-011 |

1. Program on which the course is given :

|  |  |
| --- | --- |
| |  | | --- | | **Freshman specialization program** | |

1. Year/Level of program :

|  |
| --- |
| 1st Level |

1. Units/Credit Hours

|  |  |
| --- | --- |
| ( i ) Lecture : | 1 |

|  |  |
| --- | --- |
| ( ii ) Tutorial/Practical : | 3/2 |

|  |  |
| --- | --- |
| ( iii ) Total : | 6 |

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

|  |  |
| --- | --- |
| i - | Prof. Hesham Aly Sonbol  Dr. Ismail Hafez |

|  |  |
| --- | --- |
| ii - | Dr. Mohamed Ahmed Awad |

|  |  |
| --- | --- |
| iii - | Dr. Moustafa Mahmoud Elsayed |

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| --- | --- |
| iii - | Dr. Ahmed El hamaky |

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| --- | --- |
| Course coordinator: | Prof. Hesham Aly Sonbol |

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| --- | --- |
| External evaluator: | --- --- --- |
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## Statistical Information

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| --- | --- |
|  | 1097 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | A+ | A | A- | B+ | B | B- | C+ | C | C- | D+ | D | F | SUM |
| Students No. | 36 | 71 | 107 | 110 | 113 | 119 | 123 | 109 | 69 | 58 | 71 | 111 | 1097 |
| Percentage (%) | 3.3 | 6.5 | 9.8 | 10 | 10.3 | 10.8 | 11.2 | 9.9 | 6.3 | 5.3 | 6.5 | 10 |  |

## Professional Information

1. **Course Teaching:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Course Content | No. of Hours | Coordinator |
| 1 | Introduction and Geometric constructions | 1 | Prof. Hesham Sonbol |
| 2 | Theories of view derivation | 1 | Prof. Hesham Sonbol |
| 3 | Orthographic projection of engineering bodies | 1 | Prof. Hesham Sonbol |
| 4 | Drawing isometric for plane and curved surfaces | 1 | Prof. Hesham Sonbol |
| 5 | Derivation of normal surfaces views from isometric | 1 | Prof. Hesham Sonbol |
| 6 | Derivation of inclined surfaces views from isometric | 1 | Prof. Hesham Sonbol |
| 7 | Derivation of oblique surfaces views from isometric | 1 | Prof. Hesham Sonbol |
| 8 | Theory of sectioning | 1 | Prof. Hesham Sonbol |
| 9 | Derivation of third view from given two views | 1 | Prof. Hesham Sonbol |
| 10 | Derivation of complete sections from given views | 1 | Prof. Hesham Sonbol |
| 11 | Derivation of half sections from given views | 1 | Prof. Hesham Sonbol |
| 12 | Principals of assembly drawing | 1 | Prof. Hesham Sonbol |
| 13 | Derivation of offset sections from given views | 1 | Prof. Hesham Sonbol |
| 14 | General applications for projection | 1 | Prof. Hesham Sonbol |
| 15 | Revision | 1 | Prof. Hesham Sonbol |
|  | Total | **15** | Prof. Hesham Sonbol |

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

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

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

Everything was taught

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

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

1. **Teaching and learning methods:**

Lectures: **X**

Assignments:  **X**

Technical Reports: **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:

* Extra work (Extra Assignments) to increase the knowledge about the course.

**Student assessment:**

|  |  |
| --- | --- |
| **Method of assessment** | **Percentage of total** |
| Written examination | 40 % |
| Oral examination | 0 % |
| Practical/laboratory work | 10 % |
| Other assignments/class work/midterm | 50 % |

**Members of examination committee**

i – Prof. Hesham Aly Sonbol

ii- Dr. Mohamed Ahmed Awad

iii- Dr. Mostafa Mahmoud

**Role of external evaluator**

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

1. **Facilities and teaching materials:**

Totally adequate

Adequate to some extent **X**

Inadequate

List any inadequacies

1. **Administrative constraints:**

List any difficulties encountered

No difficulties

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

**NA**

**Response of Course Team**

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

………**N/A** ………………. …………………………….

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