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| *Course report of* |
| **Projection and Engineering Graphics – CEP 011 – Spring 2020** |
| University: Ain Shams | Faculty: Engineering |

## Basic Information

1. Title and code :

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| **Projection and Engineering Graphics – CEP 011** |

1. Program on which the course is given :

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

|  |
| --- |
| All Programs |

 |

1. Year/Level of programs :

|  |
| --- |
| Freshmen 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 :

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| --- | --- |
| i - | Assoc. Prof. Haytham Nour Eldin Zohny |

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| --- | --- |
| ii - | Prof. Ahmed Kheder Taha |

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| --- | --- |
| iii - |  |

|  |  |
| --- | --- |
| Course coordinator: | Prof. Ibrahim Shaker  |

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

## Statistical Information

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| --- | --- |
| No. of students attending the course: | 905 |

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| --- | --- | --- | --- |
|  | P | F | SUM |
| Students No. | 885 | 20 | 264 |
| Percentage (%) | 97.8% | 2.2% | 100% |

## Professional Information

1. **Course Teaching:**

|  |  |  |
| --- | --- | --- |
| Course Content | No. of Hours | Lecturer |
| Introduction to descriptive geometry | 4 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Basic processes in engineering drawing | 4 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| projection of points, lines, and surfaces | 12 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Intersection of bodies and surfaces | 4 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Development of surfaces | 4 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Perspective Projections | 16 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Standard steel sections and steel structures | 4 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Compound steel sections and welds | 4 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Fundamentals of Building drawing | 8 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |

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| --- | --- | --- |
| Lab. Content | No. of Hours | Lecturer |
| Introduction & AutoCad Main Window | 2 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Basic drawing & editing commands | 2 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Creating a simple drawing | 2 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Making changes in drawing | 2 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Organize drawing with layers | 2 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Advanced object types | 2 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Creating more complex objects | 2 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Advanced editing commands | 2 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Text | 2 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Printing drawings | 2 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Inserting blocks | 2 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Hatching | 2 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Architectural Project 1 | 2 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Civil Project | 2 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |
| Exam | 2 | Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny |

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

**>90 % X 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: **X**

Practical training/ laboratory:

Seminar/Workshop:

Class Activity: **(Tutorials) X**

**Case Study:**

Other assignments/homework:

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

* After 5 weeks from the beginning of spring semester, the lectures and assignments was taken through on line systems (Zoom, Microsoft Team and forums on Moodle) due **to Virus Corona**
1. **Student assessment:**

|  |  |
| --- | --- |
| **Method of assessment** | **Percentage of total** |
| Research Poject | 100 % |

**Members of examination committee**

i – Prof. Ibrahim Shaker & Prof. Ahmed Kheder & Assoc. Prof. Haytham Zohny.

**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:**

- N.A

**Response of Course Team**

* Final Take home assessment (Exam) with different assignments which overcome all course syllabus
* The final evaluation assessment through 3 weeks
* Maximum marks out of 40
* The evaluation is Pass (> & = 60% of max. mark) or Fail (< 60% of max. Mark)
* The lectures and tutorials are online teaching through Microsoft teams and Zoom soft wear as well as forums on Moodle
1. **Comments from external evaluator(s):**

Response of course team

………**N/A** ……………….