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| *Course report of* |
| **Projection and Engineering Graphics – CEP 011 – FALL 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 |

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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
* Prof. Ahmed Khedr
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| Course coordinator: | Prof. Ibrahim Shaker  |

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

## Statistical Information

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| --- | --- |
| No. of students attending the course: | 269 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | P | A+ | A | A- | B+ | B | B- | C+ | C | C- | D+ | D | F | SUM |
| Students No. | 3 | 7 | 21 | `50 | 37 | 33 | 21 | 11 | 14 | 8 | 15 | 14 | 35 | 269 |
| Percentage (%) | 1.1 | 2.6 | 7.8 | 18.6 | 13.7 | 12.3 | 7.8 | 4.1 | 5.2 | 3.0 | 5.6 | 5.2 | 13.0 | 100% |

## Professional Information

1. **Course Teaching:**

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

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

**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: **X**

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:

* The lectures were taken on campus EXCEPT last one after lockdown was taken through on line systems ( Microsoft Team https://teams.microsoft.com/l/channel/19%3af3293e5ea63245a2bace0554fc70c0df%40thread.tacv2/General?groupId=84922027-866b-437f-8aa4-fa0bbf4aa659&tenantId=ad2a8324-bef7-46a8-adb4-fe51b6613b24) though a specified time schedule.
* tutorials were taken on campus.
* LMS link (https://lms.eng.asu.edu.eg/course/view.php?id=6119)
1. **Student assessment:**

|  |  |
| --- | --- |
| **Method of assessment** | **Percentage of total** |
| Written examination | 40 % |
| Midterm examination | 20% |
| Quizzes | 10 % |
| Attendance | 5 % |
| Practical/laboratory work / Other assignments/class work | 25 % |

**Members of examination committee**

i – Prof. Ibrahim Shaker & Assoc. Prof. Haytham Zohny and Prof.Dr. Ahmed Khedr.

**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:**

- No negative feedback.

**Response of Course Team**

>>>>N.A>>>>>>>>>

1. **Comments from external evaluator(s):**

Response of course team

………**N/A** ……………….