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| *Course report of* |
| **Dynamics – PHM\_032s – Fall 2019** |
| University: Ain Shams | Faculty: Engineering |

## Basic Information

1. **Title and code :**

|  |
| --- |
| **Dynamics – PHM\_032s** |

1. **Program on which the course is given :**

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

|  |
| --- |
| **All Programs** |

 |

1. **Year/Level of programs :**

|  |
| --- |
| **1stLevel** |

1. **Units/Credit Hours**

|  |  |
| --- | --- |
| **( i ) Lecture :** | **2** |

|  |  |
| --- | --- |
| **( ii ) Tutorial/Practical :** | **2+1** |

|  |  |
| --- | --- |
| **( iii ) Total :** | **5** |

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

|  |  |
| --- | --- |
| **i -** | **Dr. Hussein Elsayed Mohamed**  |

|  |  |
| --- | --- |
| **Course coordinator:** | **Dr. Hussein Elsayed Mohamed Hussein** |

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

## Statistical Information

|  |  |
| --- | --- |
| **No. of students attending the course:** | **160** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Grade** | **A+** | **A** | **A-** | **B+** | **B** | **B-** | **C+** | **C** | **C-** | **D+** | **D** | **F** | **SUM** |
| **Students No.** | **0** | **5** | **6** | **7** | **12** | **11** | **17** | **11** | **14** | **9** | **13** | **55** | **160** |
| **Percentage %** | **0** | **3.1** | **3.8** | **4.4** | **7.5** | **6.9** | **10.6** | **6.9** | **8.7** | **5.6** | **8.1** | **34.4** | **100** |

## Professional Information

1. **Course Teaching:**

|  |  |  |
| --- | --- | --- |
| **Course Content** | **Total No. of Hours** | **Lecturer** |
| **Kinematics of particles** | **20** | **Dr. Hussein Elsayed** |
| **Relative Motion** | **4** | **Dr. Hussein Elsayed** |
| **Kinetics andNewton's second law of motion.** | **8** | **Dr. Hussein Elsayed** |
| **Midterm Exam** | **4** | **Dr. Hussein Elsayed** |
| **Work and Energy**  | **8** | **Dr. Hussein Elsayed** |
| **Impulse and Momentum**  | **16** | **Dr. Hussein Elsayed** |
| **Total**  | **60** | **Dr. Hussein Elsayed** |

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

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

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

**Momentum is not taught in fully details because It was so tough for senior Architectural Students**

**………………………………………………………………………………………………**

**………………………………………………………………………………………………**

**………………………………………………………………………………………………**

**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:**

**………………………………………………………………………………………………**

**………………………………………………………………………………………………**

1. **Student assessment:**

|  |  |
| --- | --- |
| **Method of assessment** | **Percentage of total** |
| **Written examination (Final+ mid-term)** | **85 %** |
| **Quizzes** | **5 %** |
| **Attendance, class work, Lab.** | **10 %** |

**Members of examination committee**

**i–Dr.HussainElsayed Mohamed Hussai and Dr. Ahmed Ezzat**

**Role of external evaluator**

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

**………………………………………………………………………………………………**

1. **Facilities and teaching materials:**

**X**

**Totally adequate**

**Adequate to some extent**

**Inadequate**

**List any inadequacies**

1. **Administrative constraints:**

**List any difficulties encountered**

 **No difficulties**

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