|  |  |
| --- | --- |
| *Course report of* | |
| |  | | --- | | Production Engineering – MDP 081- Spring 2018 | | |
| University: Ain Shams | Faculty: Engineering |

## Basic Information

1. Title and code :

|  |
| --- |
| Production Engineering – MDP 081 |

1. Program on which the course is given :

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

1. Year/Level of programs :

|  |
| --- |
| Freshmen |

1. Units/Credit Hours

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

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

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

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

|  |  |
| --- | --- |
|  | Prof. Taher Abou El-Yazied |
| - | Dr. Mansour El-Bardisi |
|  | Prof. Hala Abd El-Hakim Hassan |
|  |  |

|  |  |
| --- | --- |
| Course coordinator: | **Prof. Taher Abou El-Yazied** |

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

## Statistical Information

|  |  |
| --- | --- |
| No. of students attending the course: | 334 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | A+ | A | A- | B+ | B | B- | C+ | C | C- | D+ | D | F | SUM |
| Students No. | 5 | 15 | 27 | 46 | 50 | 40 | 25 | 29 | 18 | 19 | 43 | 17 | 334 |
| Percentage (%) | 1.5 | 4.49 | 8.08 | 13.77 | 14.97 | 11.98 | 7.49 | 8.68 | 5.38 | 5.69 | 12.87 | 5.09 |  |

## Professional Information

1. **Course Teaching:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Course Content** | **Lecture**  **(hours)** | **Lab.**  **(hours)** | **Total** |
| 1 | Introduction- materials classification and industrial safety | 2 | 3 |  |
| 2 | Carpentry Shop (machines- types of wood) | 2 | 3 |  |
| 3 | Sheet metal work | 2 | 3 |  |
| 4 | Bulk Forming | 2 | 3 |  |
| 5 | Casting | 2 | 3 |  |
| 6 | Welding | 2 | 3 |  |
| 7 | Polymers types and some manufacturing process | 2 | 3 |  |
| 8 | Hand Processes | 2 | 3 |  |
| 9 | Turning | 4 | 6 |  |
| 10 | Drilling | 2 | 3 |  |
| 11 | Shaping | 2 | 3 |  |
| 12 | Milling | 2 | 3 |  |
| 13 | Grinding | 2 | 3 |  |
| 14 | General discussion on advanced process | 2 | 3 |  |
|  | Total | 30 | **45** | **75** |

**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: **X**

Class Activity: **(Tutorials)**

**Case Study:**

Other assignments/homework:

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

**Student assessment:**

|  |  |
| --- | --- |
| **Method of assessment** | **Percentage of total** |
| Written examination | 50 % |
| Oral examination | 10 % |
| Other assignments-Presentations- Project | 40 % |

**Members of examination committee**

i – **Prof. Taher Abou El-Yazied**

Dr. Mansour El-Bardisi

-Prof. Hala Abd El-Hakim Hassan

**Role of external evaluator**

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

1. **Facilities and teaching materials:**

Totally adequate

Adequate to some extent **X**

Inadequate

List any inadequacies: Some class rooms were not suitable 90 students. In addition, the classroom (941A) is noisy as it is close to Hall 3.

1. **Administrative constraints:**

List any difficulties encountered

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

**Response of Course Team**

"Using better course material so that the student can easily find relevant information instead of having to search the Internet". This is intended by course team, the students should search for some points especially when they prepare their workshop report.

"Is there anything else you would like to add?

Yes course requires a lot of time. took me the same time as 3 whole courses. This is true as most of courses in freshmen level are not totally new. All the students have been studying math, Physics ---- for many years before admitted the faculty so, they have at least background. This course is new and strange compared to other courses.

The main problem with this course is the lack of problem sheets. This course is an introductory course and has no tutorial in addition, if there is any problems should be in higher level not freshmen level.

Please adjust the hours of the workshop, as we needed to explain every week to the engineer overseeing us in the workshop. G1 has conflict between the workshop and other courses section. The schedule was considering the workshop 2 hours instead of three hours. This was fixed in the last four weeks of the semester.

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

**Response of course team**

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