*Course report of*

**Quality Systems - MDP323 2016/2017**

# University: Ain Shams Faculty: Engineering

**Basic Information**

1. **Title and code :**

Quality Systems - MDP323

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

B. Sc. Mechanical Engineering (Production Engineering)

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

4th year, Second semester

* 1. **Units/Credit Hours**

( i ) Lecture :

|  |
| --- |
| 30 |
| 30 |
| 60 |

( ii ) Tutorial /Practical : ( iii ) Total :

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

|  |
| --- |
| Prof. Dr. Adel Mohamed Mahmoud |
|  |
| Dr Nessren Mohamed Zamzam |
|  |
| ------------------------------- |
|  |
| ------------------------------- |
|  |
| ------------------------------- |
|  |
| ------------------------------- |
|  |
| ------------------------------- |
|  |
| ------------------------------- |

* 1. -
  2. -
  3. -
  4. -
  5. -
  6. - viii -

**Course coordinator: External evaluator:**

Prof. Dr. Adel Mohamed Mahmoud

---- ---- ----

# Statistical Information

No. of students attending the course:

68

|  |  |  |  |
| --- | --- | --- | --- |
|  | | **Number** | **Percentage (%)** |
| **Students completing the course** | | 68 |  |
| **Results** | Passed | 57 | 83.82 |
| Failed | 11 | 16.18 |
| **Grading Of successful students** | Excellent | 6 | 8.8 |
| Very Good | 2 | 2.9 |
| Good | 10 | 14.7 |
| Pass | 39 | 57.4 |

# Professional Information

**1-- Course Teaching:**

|  |  |  |
| --- | --- | --- |
| Topic | No. of Hours | Lecturer |
| Basic concept definition: terminology | 4 | Adel M. Mahmoud |
| Quality function | 6 | Nessren Zamzam |
| Development and design of systems | 6 | Adel M. Mahmoud |
| Quality Policies and objectivies | 6 | Adel M. Mahmoud |
| Quality Planning testing hypothesis | 6 | Adel M. Mahmoud |
| Organization for quality | 4 | Adel M. Mahmoud |
| Quality costs | 6 | Adel M. Mahmoud |
| Quality economics | 6 | Nessren Zamzam |

|  |  |  |
| --- | --- | --- |
| Motivation for quality | 6 | Nessren Zamzam |
| Quality Assurance | 6 | Nessren Zamzam |
| Quality Certification | 4 | Nessren Zamzam |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| ------ ------ ------ ------ ------ ------ | ---- ---- | ------ ------ ------ ------ |
| ------ ------ ------ ------ ------ ------ | ---- ---- | ------ ------ ------ ------ |
| ------ ------ ------ ------ ------ ------ | ---- ---- | ------ ------ ------ ------ |
| ------ ------ ------ ------ ------ ------ | ---- ---- | ------ ------ ------ ------ |
| ------ ------ ------ ------ ------ ------ | ---- ---- | ------ ------ ------ ------ |
| ------ ------ ------ ------ ------ ------ | ---- ---- | ------ ------ ------ ------ |
| ------ ------ ------ ------ ------ ------ | ---- ---- | ------ ------ ------ ------ |
| ------ ------ ------ ------ ------ ------ | ---- ---- | ------ ------ ------ ------ |
| ------ ------ ------ ------ ------ ------ | ---- ---- | ------ ------ ------ ------ |
| ------ ------ ------ ------ ------ ------ | ---- ---- | ------ ------ ------ ------ |

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

**Topics Taught as a percentage of the content specified**

>90% 70% - 90% <70 %



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

More religious holidays.

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

Project about "implementing quality system in health care service” was asked from student instead of midterm exam to apply what they have studied on a real life case study and enhance their capability in collecting and analyzing real life data----- ------ ------ ------ ------ ------ ------ ------ ------ ------ ----

* 1. **Teaching and learning methods:**

Lectures ‏ے Practical training/laboratory ‏ے Seminar/Workshop ‏ے Class Activity ‏ے

**Case Study:**

Other assignments/homework

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

------ ------ ------ ------ ------ ------ ------ ------ ------ ------ -

----- ------ ------ ------ ------ ------ ------ ------ ------ ------ --

---- ------ ------ ------ ------ ------ ------ ------ ------ ----

* 1. **Student assessment:**

|  |  |
| --- | --- |
| Methods of assessment | Percentage of total |
| Written examination | 70 % |
| Oral examination | 0 % |
| Practical/laboratory work | 0 % |
| Other assignments/class work | 30 % |

Members of examination committee

Prof Dr Adel Ibrahim and Dr Nessren Zamzam

Role of external evaluator:

------ ------ ------ ------ ------ ------

* 1. **Facilities and teaching materials:**

Totally adequate ‏ے

Adequate to some extent ‏ے

Inadequate ‏ے

List any inadequacies:

------ ------ ------ ------ ------ ------ ------ ------ ------ ------ -

----- ------ ------ ------ ------ ------ ------ ------ ------ ------ --

---- ------ ------ ------ ------ ------ ------ ------ ------ ----

* 1. **Administrative constraints:**

------ ------ ------ ------ ------ ------ ------ ------ ------ ------ ------ -

----- ------ ------ ------ ------ ------ ------ ------ ------ ------ ------ ---

--- ------ ------ ------ ------ ------ ------ ------ ------ ------ ------ -----

- ------ ------ ------ ------ ------ ------ ------ ------ ------ ------ ------

------ ------ ------ ------ ------ ------ ----

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

|  |  |
| --- | --- |
| **Comment** | **Response of course Team** |
| ------ ------ ------ ------ ------ ------ ---  --- ------ ------ ------ ------ ------ | ------ ------ ------ ------ ------ ------ ---  --- ------ ------ ------ ------ ------ |
| ------ ------ ------ ------ ------ ------ ---  --- ------ ------ ------ ------ ------ | ------ ------ ------ ------ ------ ------ ---  --- ------ ------ ------ ------ ------ |
| ------ ------ ------ ------ ------ ------ ---  --- ------ ------ ------ ------ ------ | ------ ------ ------ ------ ------ ------ ---  --- ------ ------ ------ ------ ------ |
| ------ ------ ------ ------ ------ ------ ---  --- ------ ------ ------ ------ ------ | ------ ------ ------ ------ ------ ------ ---  --- ------ ------ ------ ------ ------ |

* 1. **Comments from external evaluator(s)**
  2. **Course enhancement: Progress on actions identified in the previous year’s action plan:**

------ ------ ------ ------ ------ ------ ------ ------ ------ ------ ------ -

----- ------ ------ ------ ------ ------ ------ ------ ------ ------ ------ ---

--- ------ ------ ------ ------ ------ ------ ------ ------ ------ ------ -----

- ------ ------ ------ ------ ------ ------ ------ ------ ------ ------ ------

------ ------ ------ ------ ------ ------ ----