



**وحدة ضمان الجودة
كلية العلوم-جامعة القاهرة**



Annual Course Report

Cairo University Faculty of Science Department:

A. Basic Information:

1. Course Title: Mathematics Statistics (I)

Code: Stat-100

2. Program(s) on which the course is given: All Programs

3. Academic level / semester: First term - First Level 2018/2019

4. Credit hours: 3 hrs/week Taught hours: 5 hrs/week

Lecture: 2 hrs/week Tutorial: 3 hrs/week Practical: 0 hrs/week

5. System for choosing the exam committee:

6. External Exam Evaluator:

Available



Not available

7. Number of contributing the design and delivery of the course:1

B. Professional Informations:

1- Statistics:

- No. of students starting the course: 210

- No. of students completing the course: 124

- Results:

Passed: (no. 1) (59.05%)

Failed: (no. 86) (40.95%)

- Grading of passed students:

Excellent : (no. 12) (5.71%)

Good: (no.40) (19.05%)

Very Good: (no. 21) (10%)

Pass: (no.51) (24.29%)

2- Course Teaching:

Collection, preparation and tabulation of data, frequency distributions, central tendency measures: mean, median and mode, dispersion measures: range, semi-quartile difference, standard deviation, comparison between distributions, linear regression, correlation (Pearson and Spearman) time series analysis, introduction to probability: sample space, event, calculus of events, conditional probability and independence, random variables, probability distribution, some important distributions (binomial, Poisson, normal), sampling and sampling distribution, ratio distribution (small sample, large sample), confidence interval, tests of statistical hypothesis, index number.

-The commitment of those who teach the course content

<60 60-84 >85

- Coverage of the course topics in the exam

<60 60-84 >85

- Methods of Teaching and Learning

lectures practical detailed activities case study

- Students' Assessments Method

final exam oral mid-term practical

3- Facilities Required for Teaching

- List of References

adequate inadequate adequate of some extent

- Learning Aids

adequate inadequate adequate of some extent

- Chemicals and Equipments

adequate inadequate adequate of some extent

4- Administrative and Formative Constraints

.....None.....
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5- Students Assessments to the Course

Method of assessment	Percentage of total
Mid-term examination	10%
Final-term examination	60%
Oral examination	%
Tutorial examination	%
Semester work	30%
Other types of assessment	%
Total	100 %

6- Proposals to Improve the Course

First year students should register earlier for classes to start the academic year like other faculty students

7- External Evaluators Comments (if present)

- 1-
- 2-
- 3-

8- The implementation of their development proposals in the previous year

- 1-
- 2-
- 3-

9- If the proposals are not implemented (reasons)

- 1-
- 2-
- 3-

10- Development action plan for the course in the next year

Areas of development	Specification of development	Start date	Person responsible
1. Delivering direct lectures in the class. 2. Offering tutorial sessions 3. Requiring homework assignments	Encouraging students to get involved in the lecture action taken: - Having free discussions about random experiments in real life and letting students participate. -students were asked questions during lectures and they were asked to solve on the board. Results: I have noticed more interest in the subject and heard many questions and new ideas during lectures	In the next offered term	Lecturer

Course Co-ordinator: Dr. Areeg Abdalla

Signature:

Date: Feb. 5th , 2019