Menoufia University
Faculty of Electronic Eng.
Department of Computer Sciences and Engineering

جامعة المنوفية
كلية الهندسة الالكترونية بمنوف
قسم هندسة و علوم الحاسبات

Annual Course Report

(Computer operations)

A- Basic Information

1. **Title and Code**   **Computer operations - CSE 161**

2. **Program(s) on which this course is given**   CSE

3. **Academic year / Level of program**   1st year / 1st Semester

4. **Units/Weekly hours**

   Lecture   2   Tutorial/Practical   3   Total   5

5. **Names of lecturers contributing to the delivery of the course**

   Dr. Gamal M. Attiya

   Course coordinator: Dr. Gamal M. Attiya

   External evaluators: Prof. Fawzy Tork

B- Statistical Information

No. of students attending the course: No. | 260 | 100%

No. of students completing the course: No. | 260 | 100%

Results:

Passed: No. | 248 | 95.3%   Failed: No. | 12 | 4.6%

Grading of successful students:

Excellent: No. | 92 | 35.38%   Very Good: No. | 48 | 18.5%

Good: No. | 30 | 11.5%   Pass: No. | 78 | 30%

Professional Information

1. Course Teaching

Content Topics	No of hours	Lecture	Tutorial/ Practical	Achieved ILOs
Basic Data Structures - Abstract Data Structures -	5	2	3	d4, a2
Recursive Algorithms - Complexity Analysis - Sorting Algorithms - Searching Algorithms –	10	4	6	d1, d4, c1, b2, a2, a5
Introduction to versions and characteristics of Windows - Other tools of Visual Programming. Using Microsoft Developer Studio -	10	4	6	d1, d4, c15, b2, b3, a5, a13
Graphical User Interface (GUI) -	5	2	3	d1, d4, c15, b2, b8, a8, a13
Introduction to object-oriented programming in C++ Principles of OOP	5	2	3	d4, d9,c15, b3, b8, a5, a8
- Structures and classes Motivation for classes –	10	4	6	d1, d9, c15, b2, b3, a2, a8
Scope resolution operator - Memory management -	5	2	3	d4, d9, c1, c15, b3, b8, a2, a13
Modular design and encapsulation - Windows Programming versus C++ WP as a kind of OOP.	5	2	3	d1, d4, c15, b2, b8, a5, a13
Introduction to Visual C++ and Microsoft Foundation Classes (MFC).	5	2	3	d9, c1, b8, a15
Total sum	60	24	36	

Topics taught as a percentage of the content specified:

>90 % [√]   **70-90 %** [ ]   **<70%** [ ]

2. Teaching and Learning Methods:

Lectures: [√]

Practical Training/ Laboratory: [ ]

Seminar/Workshop: [ ]

Class Activity: [√]

Case Study: ☑

Other Assignments/Homework: ☑

3. Student Assessment:

Method of Assessment	Percentage of total
Class tutorial and quizzes:	5 %
Mid-term examination:	10 %
Case study and/or practical exam:	10 %
Final – term examination:	70 %
Other types of assessment:	5 %
Total	100 %

Members of Examination Committee:
Prof. Dr. Nawal Ahmed El-Fishawy
Dr. Gamal M. Attiya

Role of external evaluator:
The external evaluator was not effectively involved in the student examination assessment in the last academic year.

4. Facilities and Teaching Materials:

Totally adequate ☐

Adequate to some extent ☑

Inadequate ☐

5. Administrative Constraints

- Insufficient class room.

6. Student Evaluation of the course: **Response of Course Team**

- Lack of practice problems and exercises   - An extra exercises and solved problems are added to the Tutorial of the course.

7. Comments from external evaluator(s):

Response has not received.

8. Action Plan for Academic Year 2012 – 2013

Improvement Field	Weak points	Action required	Person Responsible	Completion Date
Quality of Teaching and Learning	Students attendance at lecture are not very good	- Engagement of students from different academic years to the curriculum development	- Faculty - Department	2013
Course content	Gap between up-to-date information and reference text books	- add more examples. - add small task projects mainly for real world problem solving.	Course coordinator	2013

Course Coordinator: Dr. Gamal M. Attiya

Signature:

Date: /   /