



# 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	1 <sup>st</sup> year / 1 <sup>st</sup> 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	4.23%
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### 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

Content Topics	Week	A- Knowledge & Understanding	B- Intellectual skills	C- Professional and practical skills	D- General and transferable skills
Introduction to data Structures - Basic Data Structures - Abstract Data types	1	a2			d4
Structures and Arrays	2-3	a2, a5	b2	c1	d1, d4
Pointers, Memory management and Linked Lists	4-6	a5, a13	b2, b3	c15	d1, d4
Stack and Queue	7	a8, a13	b2, b8	c15	d1, d4
Sorting Algorithms	9	a5, a8	b3, b8	c15	d4, d9
Searching Algorithms	10-11	a2, a8	b2, b3	c15	d1, d9
Recursive Algorithms and Complexity Analysis	12	a2, a13	b3, b8	c1, c15	d4, d9
Introduction to versions and characteristics of Windows, GUI and Visual C++ Programming.	13	a5, a13	b2, b8	c15	d1, d4
Introduction to object-oriented programming in C++	14	a15	b8	c1	d9

### 1. Course Teaching

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. Nawa Ahmed El-Fishawy  
Dr. Ahmed Shoman

#### 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:

- Lack of practice problems and exercises

### Response of Course Team

- 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
Assessment Methods	No feedback of the examination to the students, so exams can not be used for learning.	<ul style="list-style-type: none"> <li>- During course design the assessment methods suitable for each ILOs must be specified and these methods must be strictly followed by examiners.</li> <li>- Formative exams during the term with a feedback to the students, so these examinations can be used as a method of learning.</li> </ul>	<ul style="list-style-type: none"> <li>- Faculty</li> <li>- Department</li> </ul>	2013
Quality of Teaching and Learning	Students attendance at lecture are not very good	<ul style="list-style-type: none"> <li>- Engagement of students from different academic years to the curriculum development</li> </ul>	<ul style="list-style-type: none"> <li>- Faculty</li> <li>- Department</li> </ul>	2013
Learning resources	- The system of maintenance and repair is not flexible enough.	<ul style="list-style-type: none"> <li>- Maintain and repair the present equipments</li> </ul>	<ul style="list-style-type: none"> <li>- University</li> <li>- Faculty</li> </ul>	2013
Course content	Gap between up-to-date information and reference text books	<ul style="list-style-type: none"> <li>- add more examples.</li> <li>- add small task projects mainly for real world problem solving.</li> </ul>	Course coordinator	2013

**Course Coordinator: Dr. Gamal M. Attiya**

**Signature:**

**Date:**     /     /