

**University:** Fayoum  
**Faculty:** Computers and Information  
**Department:** Information Systems

**Course Report:** for Academic Year 2015/2016

**A- Basic Information**

- 1. Title and code:** Software Engineering (CSC354)
- 2. Programme(s) on which this course is given:** General (INF &CS)
- 3. Year/ Level of programmes:** Third Year
- 4. Units/Credit hours:** 3

Lectures: 3      Tutorial/Practical: 2      Total: 5

**5. Names of lecturers contributing to the delivery of the course**  
i Amira Mohamed Idrees

Course co-ordinator .....

External evaluator .....

**B- Statistical Information**

No. of students attending the course: No. 83      %  
No. of students completing the course: No. 81      %

**Results:**

Passed: No. 81      %      Failed: 0      No.      %

**Grading of successful students:**

Excellent: No. 7      %      Very Good: No. 24      %

Good: No. 34      %      Pass: 15      No.      %

## C- Professional Information

### 1 – Course teaching

W	Topics actually taught	No. of hours	Lecturer
	1. Introduction: Well-engineered software, the software process, software evolution, and software reliability.	3	
	2. Human factors in software engineering: Human diversity, knowledge processing, group working.	3	
	3. Software specification and system modeling: The software requirements document, requirements evolution, system contexts,	3	
	4. Project Management	3	
	5. Requirements definition and specification: Requirements specification, nonfunctional requirements definition.	6	
	6. Requirements validation and prototyping: The prototyping process, prototyping techniques.	3	
	7. Model based specification.	3	
	8. Software design: Top-down design, systems design, design decomposition,	3	
	9. software design quality	3	
	10. Introducing Agile Methodology	3	

### Topics taught as a percentage of the content specified:

>90 %      70-90 %      <70%

### Reasons in detail for not teaching any topic

Formal specifications, algebraic specification, Design description languages to introduce advanced topics

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

To have the space for introducing other topics like agility.

### 2- Teaching and learning methods:

Lectures: PowerPoint, Discussion

Practical training/ laboratory: Project Management

Seminar/Workshop:

Class activity: Discussion, PowerPoint

Case Study: Applying each topic to a real life example with discussion during the lecture

Other assignments/homework: Search for different topics

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

PowerPoint and discussion for lectures

Practical discussion through a project management project

Research for enriching students' knowledge

Activities for applying the concepts in a real life problems

**3- Student assessment:**

Method of assessment	Percentage of total
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Written examination	
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Oral examination	
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Practical/laboratory work	
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Other assignments/class work	
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Total	100%
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Members of examination committee

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Role of external evaluator

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**4- Facilities and teaching materials:**

Totally adequate

Adequate to some extent

Inadequate

List any inadequacies

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**5- Administrative constraints**

List any difficulties encountered

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**6- Student evaluation of the course: Response of course team**

List any criticisms

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**7- Comments from external evaluator(s): Response of course team**

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**8- Course enhancement:**

**Progress on actions identified in the previous year's action plan:  
Action State whether or not completed and give reasons for any non-completion**

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**9- Action plan for academic year 200X – 200Y**

**Actions required      Completion date      Person responsible**

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**Course coordinator:**

**Signature:**

**Date: //**