

University: Fayoum
Faculty: Computers and Information
Department: CS

Course Report: for Academic Year 2015/2016

A- Basic Information

1. Title and code: Formal Languages & Automata (CSC 341)

2. Programme(s) on which this course is given: CS / INF

3. Year/ Level of programmes: 3rdYear/1stTerm

4. Units/Credit hours:

Lectures: 3 Tutorial/Practical: Total: 3

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

i Dr. H. Oakasha

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Course co-ordinator: Dr. H. Oakasha

External evaluator

B- Statistical Information

No. of students attending the course: 81. 100%

No. of students completing the course: 81. 0%

Results:

Passed: 72 88% Failed: 9 12%

Grading of successful students:

Excellent: %

Very Good: 7%

Good: 30%

Pass: 51%

C- Professional Information

1 – Course teaching

W	Topics actually taught	No. of hours	Lecturer
1	Finite Automata	3	3
2	Nondeterminism	3	3
3	Equivalence of NFAs and DFAs	3	3
4	Regular Expressions	3	3
5	Equivalence of REs and automata	3	3
6	Non regular Languages	3	3
8	Context-Free Grammars	3	3
9	Designing CFGs	3	3
10	Ambiguity & Chomsky normal form	3	3
11	Pushdown Automata	3	3
12	Equivalence of PDA and CFGs	3	3
13	Non-Context-Free Languages	3	3
14	Deterministic Context-Free Languages	3	3

Topics taught as a percentage of the content specified:

>90%: 70-90%: ✓ <70%:

Reasons in detail for not teaching any topic

- Number of Students exceeds capacity of lecture's time.

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

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2- Teaching and learning methods:

Lectures: ✓

Practical training/ laboratory:

Seminar/Workshop:

Class activity: ✓

Case Study:

Other assignments/homework: ✓

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

and give reasons:

- Electronic Edition of the course to help students do assignments & homeworks

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3- Student assessment:

Method of assessment	Percentage of total
Written examination	80
Oral examination	10
Practical/laboratory work	
Other assignments/class work	10
Total	100%

Members of examination committee

- Dr. H. Oakasha

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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

- *Data Shows should be in level of sight of student to avoid looking up for long time watching materials showed on the screen.*

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

- *Redistributing "Student Assessment" points to be 60 points for written (final) exam and 40 for the other parts.*
- *Adding "Practical/laboratory work" as a part of "Teaching and learning methods"*

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**

An electronic edition of the course is prepared and published on the E-learning site of the university.

9- Action plan for academic year 2016 – 2017

Actions required: *Adding "Practical/laboratory work" as a part of "Teaching and learning methods"*

Completion date: *Before next Spring Term*

Person responsible: *Course Coordinator*

Course coordinator:

Signature:

Date: / /