Information Engineering Annual Course Report

A- Basic Information

1. **Title and Code** — Information Engineering / IT473

2. **Programme(s) on which this course is given** — Information Technology

3. **Academic year / Level of Programme** — 4th year / 1st Semester

4. **Units/Weekly hours**

   Lecture [3]   Tutorial/Practical [3]   Total [6]

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

   1. Dr. Hatem Mohammed Said Ahmed

Course co-ordinator: Dr. Hatem Mohammed Said Ahmed
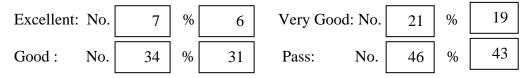**External evaluator:** Not assigned yet.

B- Statistical Information

No. of students attending the course: No. [108]   % [100]

No. of students completing the course: No. [108]   % [100]

Results:

Passed: No. [108]   % [100]   Failed: No. [0]   % [0]

Grading of successful students:

Excellent: No. [7]   % [6]   Very Good: No. [21]   % [19]

Good : No. [34]   % [31]   Pass: No. [46]   % [43]

C- Professional Information

1 – Course Teaching

Topic	No. of hours	Lecture
Introduction to computer security	6	Dr. Hatem Mohammed
System Authentication	6	Dr. Hatem Mohammed
System Authorization	6	Dr. Hatem

		Mohammed
Logging	6	Dr. Hatem Mohammed
Classical System Cryptography	6	Dr. Hatem Mohammed
Private key Cryptography (DES)	12	Dr. Hatem Mohammed
Public Key Cryptography (RSA)	12	Dr. Hatem Mohammed
Hashing Techniques	12	Dr. Hatem Mohammed
Firewalls	6	Dr. Hatem Mohammed
Intrusion Detection Systems	6	Dr. Hatem Mohammed
Virus and Malicious ware	6	Dr. Hatem Mohammed

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
Written examination	70
Oral examination	10
Mid-term exam	10
Practical/laboratory work	-
Other Assignments/class work	10
Total	100 %

Members of Examination Committee: Dr. Hatem Mohammed Said Ahmed

Role of external evaluator: External evaluator not assigned yet

4- Facilities and Teaching Materials:

Totally adequate	☐
Adequate to some extent	☑
Inadequate	☐

5- Administrative Constraints

- More assistant staff needed.
- There are no lab hours for the course.
- There is no lab for the course.
- Some mathematical background is not exist.

6- Student Evaluation of the course:	**Response of Course Team**
Practical implementation required.	There are no lab hours in the current faculty code; this will be taken into account in the next faculty code modification.

7- Comments from external evaluator(s):	**Response of Course Team**

External evaluator not assigned yet

8- Course Enhancement:

Progress on actions identified in the previous year's action plan:

This is the first year and no previous year's action plan.

Role of external evaluator:

External evaluator not assigned yet.

Course Coordinator: Dr. Hatem Mohammed Said Ahmed

Signature:

Date: