



**Research Report Submitted to Complete the Requirements for Success in
course**

Course Name	Information and computer Networks Security I
Course Code	NIT 441
Professor Name	Dr. Sanaa Taha
Program	Network, Special
Research Type	Theoretical
Total Grade	80

General Rules

- 1- Any research Point can be done individual or in a team with a maximum of (5) students.
- 2- In case of group research, each research team should explicitly write work distribution for each team member in their report.
- 3- It is possible to repeat the research point and take it with a different vision, provided that the research paper is not repeated.
- 4- Number of pages with a minimum of 6 and a maximum of 15.
- 5- Students who copy their research will gain (fail) grade in the course.
- 6- The construction of the research paper is
 - a. Report title
 - b. Abstract
 - c. Contents
 - d. List of figures

- e. List of tables
- f. Introduction
- g. Subject
-
- h. Conclusions
- i. References

Research Points

Research number	Research topic
1-	Five different attacks on steam ciphers and their countermeasures (In your problem definition, explain first in more depth how to practice steam cipher before going into their attacks)
2-	Problems with Public key encryption computations and how those problems could be solved (at least speak about two problems and give at least two public key algorithm, such as RSA and El Gamal)