

1. Course Number and Name:

INFS 3400 Principles of Information Security

2. Credits and Contact hours:

Credits: 3 hours, Contact: 3 lecture hours

3. Instructor's or course coordinator's name:

Teresa Keefe

4. Text book, title, author, and year:

None

a. Other supplemental materials:

5. Specific Course Information:

a. Brief description of the content of the course (catalog description):

This course aims to give students a broad understanding of technical and business issues in information systems security, systems security models, analysis of process and technology in systems security and security policies leading to information assurance. topics.

b. Pre-requisites, or co-requisites:

None

6. Specific goals for the course:

a. Specific outcomes of instruction:

1. Understand systems security
2. Understand secret keys
3. Identify attacks
4. Develop security solutions

b. Explicitly indicate which of the student outcomes listed in Criterion 3 or any other outcomes are addressed by the course:

None

7. Brief list of topics to be covered:

1. Information System Security
2. Network Security
3. Intrusion Detection
4. Firewall
5. Auditing
6. Authentication