

ITIS 6200/8200 Principles of Information Security and Privacy

Course dates: The class meeting times are: August 27, September 3, 10, 17, 24, October 1, 8, 15, 22, 29, November 5, 12, 19, December 3

Location: TBA

Meeting time: Thursday 6:00-8:45pm

Textbooks

Required reading: William Stallings and Lawrie Brown. Computer Security, Principles and Practice. Pearson Prentice Hall. ISBN-13: 978-0-13-600424-0. ISBN-10: 0-13-600424-5.

Recommended readings: Ross Anderson. [Security Engineering, a guide to building dependable distributed systems](#). ISBN: 978-0-470-06852-6

Instructor Information

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Attendance Rules: Attendance is required for all scheduled classes. One unexcused absence will cost you 5 points deduction from your final points, two unexcused absences will cost you 10 points deduction from your final points, and three or more unexcused absences may result in the failure of the course.

Topic 1: information systems security management practices

Topic 2: Program Security

Topic 3: Introduction to Cryptography

Topic 4: Network Security

Topic 5: PKI, Kerberos, SSL, IPSec etc.

Topic 6: Network Security Standards

Topic 7: Web application Security

Topic 8: Database Security

Topic 9: Security Models, access control

Topic 10: Quality Assurance

Topic 11: Risk management

Topic 12: Business continuity and disaster recovery planning

Topic 13: Physical security

Topic 14: laws, investigation process and ethics

Grading Policy: Two exams: 25% each; Projects: 30%; Research and presentation: 20%

Typically, A will be given for a total of 90 and above, B will be given for a total of 80 and above, C will be given for a total of 70 and above, D will be given for a total of 60 and above.

Later submission

Cost: Students who fail in submitting their assignments by the specified deadlines will receive a reduced mark, on the basis of a 33% reduction for every day after the deadline (regardless of whether it is a working day or not). Projects submitted three days after the deadline will not be graded and the students will receive a 0 mark.

Important Dates: These dates may change, please check this site regularly for changes

Dates: Midterm Exam: TBD
Research Proposal Due: September 24, 2009
Final exam: December
Research presentation: TBD

Academic Integrity

Policy: Students have the responsibility to know and observe the requirements of The UNC Charlotte Code of Student Academic Integrity (Catalog p. 375). This code forbids cheating, fabrication, or falsification of information, multiple submission of academic work, plagiarism, abuse of academic materials, and complicity in academic dishonesty. There are no special requirements regarding academic integrity in this course. The code will be strictly enforced and is binding on the students. Grade and academic evaluations in this course include a judgment that the student's work is free from academic dishonesty of any type; and grades in this course therefore should be and will be adversely affected by academic dishonesty. Students who violate the code can be expelled from UNC Charlotte. The normal penalty for a first offense is zero credit on the work involving dishonesty and further substantial reduction of the course grade. In almost all cases the course grade is reduced to an F. Copies of the Code can be obtained from the Dean of Students Office. Standards of academic integrity will be enforced in this course. Students are expected to report cases of academic dishonesty to the instructor immediately.