

CS4235/6035: Introduction to Information Security

Instructor

Dr. Jim Cannady
Wells Fargo Building (Atlantic Station) 920
cannady@gatech.edu
Office hours: By appointment

Head TA

Riya Shah
riya@gatech.edu

TA	Email	Office Hours
Bhavani Jaladanki	bhavani@jaladanki.com	Monday: 11:30am to 2.30pm Klaus 3 rd floor outside break room
Xu Meng	meng.xu@gatech.edu	Tuesday: 3pm to 6pm Klaus 3108
Jubin James	jubin.james@gatech.edu	Wednesday: 11:00am-2:00pm Common area outside Klaus 3319
Riya Shah	riya@gatech.edu	Thursday: 1:30pm to 4:30pm Common area outside Klaus 3201
Steven Cho	scho302@gatech.edu	Friday: 1:00-4:00pm Klaus 2100

Overview

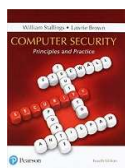
This is an introductory course in information security. It teaches the basic concepts, principles, and fundamental approaches to secure computers and networks. Its main topics include: security basics, security management and risk assessment, software security, operating systems security, database security, cryptography algorithms and protocols, network authentication and secure network applications, malware, network threats and defenses, web security, mobile security, legal and ethical issues, and privacy.

Prerequisites

Familiarity with operating systems and networks and prior programming is recommended.

Textbook

Computer Security: Principle and Practice, 4/E, by William Stallings and Lawrie Brown.



Grading

Grading will be based on:

- 20% Quizzes:
 - There will be 10 quizzes throughout the semester. Each quiz is worth 2% of your final grade.
- 40% Projects:
 - There will be 4 projects to be completed during the semester. Each project is worth 10% of your final grade.
- 40% Exams: 20% for the first exam and 20% for the second exam (both exams are T/F and multiple-choice). All exams are closed-everything and will last for 60 minutes.
- 5% Pop Quizzes: There will be 5 pop quizzes provided during the semester. This will be provided in the classroom only. Each pop quiz will be worth an additional 1% (i.e., extra credit) toward the student's final grade.

Late Submissions

No late submissions (project, quizzes, exams, etc.) are allowed unless special circumstances subject to Georgia Tech rules (e.g., medical/family emergencies, and instructor approvals) **and the request is made prior to the original due date. There are no exceptions to this rule.**

Even if your submission is only 1 minute late, we will not accept it. If you would like to request a deadline extension (projects, quizzes, exams, etc.) because of a Georgia Tech approved reason (e.g., medical emergency), please email the Head TA, copy the Instructor, and attach appropriate documentation (e.g., a doctor's note for a medical emergency) to your email.

Piazza

Piazza will be used as the main communications medium for this class. You are encouraged to post discussions on issues you're having with projects or otherwise. **Do not post solutions to Piazza.** If you do, we will revoke your access to our Piazza page, and you may be referred to the Dean of Students for disciplinary action. Please do not post new messages addressing us individually (e.g., Jim Cannady). If the TA cannot resolve the issue he will contact the Instructor and the Instructor will have the final say on the situation.