

CS4/6985: Cyber-Forensics

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CS 4985/6985 [S08]: Cyber-Forensics

R 7:00-9:30pm

Classroom: TLC 121

3 hours credit

Jeff Matocha (*muh-TOE-kuh*)email: [jmatocha AT westga DOT edu](mailto:jmatocha@westga.edu)

Office: TLC 2217

Phone: 678-839-6661

Office Hours:

MW: 1:00-3:00**TR: 9:00-12:00**

I am glad to meet at other times. Feel free to stop by, call to see if I am in, email for a time in advance, or whatever is convenient.

Final Examination: Thursday, May 8, 8:00-10:00pm.

Course description: This course explores the science and the law relating to the acquisition, analysis, and documentation of digital evidence. Topics include fourth amendment rights (search and seizure), evidence handling and admissibility, evidence collection from physical media and network traffic, data hiding techniques (e.g., steganography, tunneling), common digital crimes and profiles of perpetrators, court testimony, and report writing.

Prerequisite: CS 3211 or Graduate Standing (CS 5202)

Required Textbook: [Computer Forensics: Principles and Practices](#), Volonino, Anzualdua, and Godwin, Prentice-Hall, 2007. ISBN: 0-13-154727-5.

Supplemental Texts: I expect you to read our CS Course Web site often. Also, other information will be pulled from many sources, including the ACM Digital Library and Safari Tech Books Online available through [Ingram Library](#) and [NetLibrary](#).

Required work:

Final number grades will be computed using the following weights.

Note: The following percentages have been adjusted as discussed in class. The 10% previously assigned to a Presentation has been distributed across the other aspects of the class as depicted below.

	Original	Updated
Homework and Laboratory Assignments	35%	38.889%
Presentation	10%	0.000%
Exams (3)	30%	33.333%
Final exam	15%	16.667%
Quizzes	10%	11.111%

If you have any question about how to compute a weighted average, feel free to stop by and we can work through an example.

I expect all work to be completed individually unless explicitly stated otherwise. See the section

on Academic Dishonesty below for more information.

Quizzes will be given at the beginning of class on most meetings. I do not allow for make-up quizzes, but I will drop your lowest quiz.

Make-up exams will be given only in extenuating circumstances. If possible, you must discuss absences from exams well in advance to determine how you will complete the work. Otherwise, you **must** contact me as soon as you are able. Failure to do so will cause you to lose your opportunity to take a make-up.

If you must miss an exam, please discuss it with me well in advance so we can determine how you will complete the work. Anyone who misses an exam without prior notice will not be allowed to take a make-up exam.

I do not anticipate any extra credit work. If I assign extra credit, I will make it available to all students in the class.

Grade assignment:

Letter grades will be assigned using a ten point scale. The following table depicts the letter grade earned for a number grade, G.

$G \geq 90\%$	A
$90\% > G \geq 80\%$	B
$80\% > G \geq 70\%$	C
$70\% > G \geq 60\%$	D
$60\% > G$	F

Late penalty:

All assignments are due before class begins on the day that they are due. Do not skip class to complete your assignments. Late assignments lose 11% per day. Any fraction of a day will be considered as an entire day.

Academic dishonesty:

The UWG Student Handbook states that "West Georgia students pledge to refrain from engaging in acts that do not maintain academic and personal integrity. These include, but are not limited to, plagiarism, cheating, fabrication, aid of academic dishonesty, lying, bribery or threats, and stealing." The UWG Student Handbook also states that "Each incidence of academic dishonesty is subject to review and consideration by the instructor, and is subject to a range of penalties including but not limited to failing the assignment, failing the course, and referral to Office of the Vice President for Academic Affairs."

Since learning often comes from interaction with others, I expect that there *will* be discussions about course material between students. In this class, students are allowed to talk about their general approach on out of class assignments, but each student is responsible for the development of his/her own work. Think of it as an *empty hands policy* -- after a discussion, all students should walk away with no notes in hand, and be able to implement their own solution. This policy **does not** apply to in-class work such as exams or quizzes.

A student's first violation of this policy will receive a zero on the assignment. A second violation will cause the student to receive an F in the class.

Attendance:

I believe there is a correlation between class attendance and final grade. I expect to cover new and relevant material at each meeting. For these reasons, I strongly recommend that you attend each class. All students are responsible for the material covered during every class meeting.

Special needs:

Any student sanctioned by the office of Disability Services must have a Student Disability Report and a Disabled Student Handbook available to share with the Faculty before any graded work is determined as to have made as appropriate arrangements as needed. For more information, please visit [Disability Services](#).

Other policies:

- All email communication will be conducted through the email address that you have registered on our course web (Moodle).
- I do not discuss grades or other sensitive information except in person.
- Make sure that your cellular telephones and other devices do not make noise during class.
- There should be no eating or drinking in the classroom or labs.

Last modified: Thursday, 17 April 2008, 03:22 PM

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