

Syllabus & Course Plan Outline – January 27 – May 12

INSTRUCTOR:

Instructor: H. (Harry) Morrow Long

Email: hlong@gatewayct.edu

Office/hours: Wednesday 6:00p-7:00p via phone or Blackboard Collaborate Course Room

Phone: (203) 494-9443 (cell and txt)

Room: Blackboard Collaborate Class – scheduled sessions (Wednesdays 7:00p-9:50p)

TEXTBOOKS & SUPPLIES:

Textbook: Cengage Mindtap Access -- "Guide to Computer Forensics and Investigations, 6e".

Students need to purchase a Cengage Mindtap license (either 4 month or 1 year)

Supplies: Students should have access to a computing device with camera and microphone with which to access Cengage Mindtap, Blackboard & Collaborate. It should have a reliable and fast Internet connection.

A Chromebook or tablet (Android or IOS) may serve as the computing device, but a smartphone likely will not be sufficient for doing all of the assignments in the class.

COURSE DESCRIPTION:

Provides students with the basic theoretical and practical foundations of investigating computer related or assisted crimes. Digital forensics will be discussed and outlined emphasizing computer forensics. Students will learn how to acquire digital evidence from storage media, authenticate the digital evidence, and analyze it.

OBJECTIVES:

At the completion of this course students will be able to:

- Acquire digital evidence from e-mail, cellphones, network traffic, in-memory (RAM) and storage media.
- Authenticate digital evidence – e-mail, SMS/MMS, call logs, network traffic, in-memory and stored data.
- Analyze digital evidence – from devices (cell phones, IoT), network traffic, in-memory and stored data.
- Recover deleted files, directories and encrypted data from digital media.
- Discuss forensics concepts & principles, computer crime scene search and seizure, forensic lab procedures.
- Understand computer crime laws and US Federal rules of evidence.

GRADING:

The grade for this course is dependent on 6 areas of competence, each with a percentage of the total grade as follows:

- Mid-term Exam: 15%, Final Exam: 15%, Papers (2): 30%, Projects (2): 30% and Participation: 10%.
- Numeric to letter grade conversion:

Excellent	Above Average	Average	Below Average	Failing!
	B+ 87 – 89	C+ 77 – 79	D+ 67 – 69	
A 96 – 100	B 83 – 86	C 73 – 76	D 63 – 66	F 0 – 59
A- 90 – 95	B- 80 – 82	C- 70 – 72	D- 60 – 62	

DISABILITIES:

Any student who feels s/he may need special accommodations based on the impact of a documented disability, please contact the office of Student Disability Services at 203-285-2231 in room S202 to coordinate reasonable accommodations. Students then should contact the professor privately to discuss specific needs.

COURSE POLICIES:

This course requires the student to do a lot of reading of the text book. The reading is expected to be done outside of the classroom, and before the class starts. Periodic testing of material read will be given.

The following general policies apply:

- Work assigned is the responsibility of the student to submit on time and complete. Failure to do so will result in loss of points or even a zero!
- Do not fall behind in your submission of work or it will be very difficult for you to get caught up.
- All work submitted late will be deducted a substantial amount of points.
- All assignments, projects, case studies, and quizzes are posted on Blackboard with due dates for your convenience.
- All assignments and quizzes are to be submitted via Blackboard, no exceptions!
- It is the responsibility of the student to keep track of the work you have or have not submitted.
- You should keep a log of what assignment were submitted and when.
- If a class is missed, it is the student's responsibility to find out what they missed. See Blackboard or another student.

Class Times: (See Syllabus)

- We meet every Wednesday (except holidays and recess days) from 7 pm to 9:50 pm online.
- Everyone is expected to be on time and to remain until the end of the period. Failure to do so will result in participation points taken away. Please try to join BB Collaborate five minutes before class if possible.
- The syllabus shows the chapters and the topics being covered each day and the days we have no class due to holidays. The syllabus can also be found on the Introduction content area of Blackboard.
- It is the student's responsibility to inform the instructor before the end of the class if you were late. Failure to do so will result in an absence for that class session.
- The student must let the instructor know when (s)he will be absent from class.

Mid-Term Exam:

The Mid-Term Exam is administered on the class day the week after of the semester's spring recess. The mid-term exam will be on-line in Blackboard and will be a take-home exam. It will only be on the material covered during the first half of the semester (before spring recess).

Final Exam:

The Final Exam is administered on the last day of the semester. The final exam will be on-line in Blackboard and will be a take-home exam. It will only be on the material covered during the last half of the semester.

Blackboard:

- Blackboard is the mechanism by which instructors communicate with students and vice versa.
- You are expected to go on-line to Blackboard at least once a day.
- I periodically communicate to students unannounced from my home. Therefore it is imperative that you read Blackboard often to stay on top of things.
- There should be no excuses for not submitting an assignment that was given via Blackboard, since you are reading it often.
- Use Blackboard's email system to communicate with me.

Honesty:

Individual work is expected for papers, projects, quizzes and exams. In the event that any form of cheating is found, a grade of zero will be given for that work. If one student copies from another, then both students involved will receive a zero since it cannot be determined who copied from whom. If there is a second occurrence of cheating, the Dean of Students will be notified.

Personal Electronic Devices:

The use of cell phones, personal digital assistants, MP3 players, computer laptops and notebooks, hand held electronic games and other electronic products that are not related to class instruction are not allowed in physical classrooms. Please insure all of these devices have been turned off and put away during class.

Using classroom computers for purposes other than performing task that are directed by the class instruction is also not allowed during class hours. No Internet surfing unless directed by the instructor!

Student Conduct:

All students must conform to the policy below, set forth by the Board of Trustee at Gateway:

At Gateway Community College we expect the highest standards of academic honesty. Academic dishonesty is prohibited. It is prohibited to cheat on an examination, unauthorized collaboration on assignments, unauthorized access to examinations or course materials, and to plagiarize. There is zero tolerance for threatening, intimidating, and violent behavior. Plagiarism is defined as the use of another's idea(s) or phrase(s) and representing that/those idea(s) as your own, either intentionally or unintentionally.

(Board of Trustees' Policy 5.2.1)

In addition, disruptive behavior such as: having boisterous discussions with the students next to you; taking up too much class time with questions; threatening or demeaning your fellow student or instructor is considered disruptive behavior and will not be tolerated. You will be asked to cease or leave the classroom.

CLASS CANCELLATIONS:

Faculty Out or Late:

Faculty Out Hotline: (203) 285-2264

Weather Closings:

GCC Students' Weather Hotline: (203) 285-2049
GCC Faculty/Staff Weather Hotline: (203) 285-2222
GCC Early Learning Center: (203) 285-2610

Radio Stations:

WPLR 99.1 FM	WKSS 95.7 FM	WICC 600AM
STAR 99.9 FM	WKCI 101.3 FM	WELI 960 AM
WZMX 93.7 FM	WTIC 96.5 FM	WTIC 1080 AM
WRCH 100.3 FM	WEBE 108 FM	

Television:

WFSB TV Channel 3	WTNH TV Channel 8
WVIT TV Channel 30	WTIC TV Channel 61

Web Sites:

http://my.Commnet.edu	http://www.ctweather.com
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