

GRAYSON COLLEGE

ITSY 2317 - Course Syllabus

Please Note: Due to extenuating circumstances, including public health issues, course and testing delivery methods, instructional schedules, housing contracts, campus procedures and/or operating hours may be altered, interrupted and/or ceased for a limited or extended period of time. Such changes will be posted on the College website.

Course Information

ITSY2317, Wireless Security

Professor Contact Information

John Dick Email: dickj@grayson.edu

Course Pre-requisites, Co-requisites, and/or Other Restrictions: NONE

Course Description – from college catalog

Develop information security policies, standards, and guidelines for organizations. Includes Demilitarized Zone (DMZ), antivirus, Virtual Private Network (VPN), wireless communications, remote access, and other critical administrative and operational policies. Identification of exposures and vulnerabilities and appropriate countermeasures are addressed. Emphasizes wireless security goals of availability, integrity, accuracy, and confidentiality in the design, planning, implementing, operating and troubleshooting of wireless LAN along with appropriate planning and administrative controls.

Student Learning Outcomes

- Provide details of the network security field
 - Understand network terminology, history, and practical techniques
 - Learn to implement and manage secure network solutions
 - Explore network perimeter defense technologies and methods
 - Understand access controls, firewalls, VPN and intrusion detection systems
 - To teach the student to apply and use high technology computer systems.
 - Understand applied cryptography in public key infrastructure, wireless LANS and ecommerce
 - Assessment of network security professional careers
 - The student is taught to organize and protect critical information assets both by recognizing threats and vulnerabilities and designing and developing secure information systems
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Required Textbooks (ISBN # included) and Materials

Michael E. Whitman, Herbert J. Mattord, David Mackey, and Andrew Green, *Guide to Network Security, First Edition*. Course Technology, Cengage Learning, 2013, ISBN-13 978-0-840-02422-0

Required Assignments & Academic Calendar

In case of unforeseen disruptions to scheduled classes, student must log onto their Canvas accounts for directions on where or how to continue their coursework.

Methods of Evaluation

This course will have a chapter quiz for each chapter, discussions, 1 midterm and 1 final exam

Grading

Categories	Percentage
Discussions/Assignments	10
Quizzes	45
Midterm/Final Avg	45

Overall Avg.	Grade
100-90	A
89-80	B
79-70	C
69-60	D
< 60	F

Students will have access to grades in Canvas throughout the semester

There will be NO LATE WORK accepted and no extra credit assignments.
Complete the assigned work, on time, and you will do fine.

At times a discussion topic may be posted. All must participate with their own views.
You must be kind and considerate toward others, even if you do not share their opinion.

During discussions it will not be appropriate or tolerated to say anything derogatory to other students. Remember: We were all new to this at some point.

Methods of Instruction

This is a distance learning course and if you need help, have questions or find errors please feel free to send a message via Canvas Conversations and I will try to respond by the end of the next day.

During discussions it will not be appropriate or tolerated for saying anything derogatory against any other students in the discussion. We were all new to this a sometime.

The student in this class should have a computer capable of internet access and have a connection capable of downloading or streaming videos. If this is not possible the student would be required to come to the campus or another internet accessible computer. The campus has computer labs and library which will have computers capable of this type internet access. There will be sufficient time to submit all work. If you wait until the night before the material is due then I will not accept that as an excuse. There will be no need to be on campus for this course unless you need access to a computer, except for the Midterm and the Final

Anyone caught cheating to take tests will result in failure for the course.

Course & Instructor Policies

All work will completed by the dates set in Canvas, no exceptions.

Class Attendance

Academic success is closely associated with regular classroom attendance and course participation.

All successful students, whether on campus or online, are expected to be highly self-motivated.

All students are required to participate in courses regularly and are obliged to participate in class activities and complete and submit assignments following their professors' instructions. Students taking courses during compressed semester time frames such as mini-mester, summer sessions, and mid-semester should plan to spend significantly more time per week on the course. Responsibility for work missed because of illness or school business is placed upon the student. More than two (2) absences are considered to be excessive. In addition, students' eligibility to receive financial aid or live in a College dormitory can be affected by withdrawal from courses. When withdrawal occurs, any tuition refund would be made in accordance with state regulations.

For Internet classes a student must have changed something or interacted with the instructor not just logging into Canvas. Last day attended for this course will be the date of last Assessment completed.

Student Conduct & Discipline

Since this is an internet course, be kind to others when using chat, discussions and mail.

Academic Integrity

The faculty expects from its students a high level of responsibility and academic honesty.

Because the value of an academic degree depends upon the absolute integrity of the work done by the student for that degree, it is imperative that a student demonstrate a high standard of individual honor in his or her scholastic work.

Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, and the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts. Plagiarism, especially from the web, from portions of papers for other classes, and from any other source is unacceptable and will be dealt with under the college's policy on plagiarism (see GC Student Handbook for details). Grayson

College subscribes to turnitin.com, which allows faculty to search the web and identify plagiarized material.

Plagiarism is a form of scholastic dishonesty involving the theft of or fraudulent representation of someone else's ideas or words as the student's original work. Plagiarism can be intentional/deliberate or unintentional/accidental. Unintentional/Accidental plagiarism may include minor instances where an attempt to acknowledge the source exists but is incorrect or insufficient. Deliberate/Intentional plagiarism violates a student's academic integrity and exists in the following forms:

- Turning in someone else's work as the student's own (such as buying a paper and submitting it, exchanging papers or collaborating on a paper with someone else without permission, or paying someone else to write or translate a paper)
- Recycling in whole or in part previously submitted or published work or concurrently submitting the same written work where the expectation for current original work exists, including agreeing to write or sell one's own work to someone else
- Quoting or copy/pasting phrases of three words or more from someone else without citation, • Paraphrasing ideas without citation or paraphrasing incompletely, with or without correct citation, where the material too closely matches the wording or structure of the original
- Submitting an assignment with a majority of quoted or paraphrased material from other sources
- Copying images or media and inserting them into a presentation or video without citation,
- Using copyrighted soundtracks or video and inserting them into a presentation or video without citation
- Giving incorrect or nonexistent source information or inventing source information
- Performing a copyrighted piece of music in a public setting without permission
- Composing music based heavily on someone else's musical composition.

Student Responsibility

You have already made the decision to go to college; now the follow-up decisions on whether to commit to doing the work could very well determine whether you end up working at a good paying job in a field you enjoy or working at minimum wage for the rest of your life. Education involves a partnership that requires both students and instructors to do their parts. By entering into this partnership, you have a responsibility to show up for class, do the assignments and reading, be engaged and pay attention in class, follow directions, and put your best effort into it. You will get out of your experience here exactly what you put into it – nothing more and nothing less.

Title IX

GC policy prohibits discrimination on the basis of age, ancestry, color, disability, gender identity, genetic information, national origin, race, religion, retaliation, serious medical condition, sex, sexual orientation, spousal affiliation and protected veterans status.

Furthermore, Title IX prohibits sex discrimination to include sexual misconduct: sexual violence (sexual assault, rape), sexual harassment and retaliation.

For more information on Title IX, please contact:

- Dr. Molly M. Harris, Title IX Coordinator (903)463-8714
 - Ms. Logan Maxwell, Title IX Deputy Coordinator - South Campus (903) 415-2646
 - Mr. Mike McBrayer, Title IX Deputy Coordinator - Main Campus (903) 463-8753
 - Website: <http://www.grayson.edu/campus-life/campus-police/title-ix-policies.html>
 - GC Police Department: (903) 463-8777- Main Campus) (903-415-2501 - South Campus)
 - GC Counseling Center: (903) 463-8730
 - For Any On-campus Emergencies: 911
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**Grayson College is not responsible for illness/injury that occurs during the normal course of classroom/lab/clinical experiences.

**These descriptions and timelines are subject to change at the discretion of the Professor.

** Grayson College campus-wide student policies may be found at the following URL on the College website: <https://www.grayson.edu/currentstudents/Academic%20Resources/index.html> additional information or other changes that may be announced.