09 Aug 2018

Subj: SY201 COURSE POLICY

Welcome to SY201! I'm looking forward to an exciting semester as we explore Cyber Operations Fundamentals together.

A brief note and some ground rules to start

As a student in this class you will learn concepts and gain experience with tools that could be used unethically. Do not use knowledge or experience gained here for unethical purposes, and take care not to use the tools or techniques learned in this class in a way that might violate USNA policy or any other government restrictions on information system use. Never employ offensive cyber operations on any information system without the express written consent of the information system owner or legal authority.

Ground rules

- This classroom will be a place of professionalism and mutual respect; both between you and me and between you and your classmates.
- We don't belittle people for asking questions or expressing opinions
- Debates and critical analysis are good; personal attacks are not
- We don't tolerate crude, sexually explicit or offense jokes or remarks
- Collaboration is good; plagiarism and misrepresentations are not
- We don't use profanity
- I will get to know you by your first names; you can call me by my title / rank
    - *This is how you will often interact with senior officers after you graduate*
- You may have beverages in class, but no food or tobacco products
- Clean your desk areas and remove your trash before you depart

Professionalism; Respect; Integrity; Creativity; Engaged Learning

Course Description:

This is an introductory programming course. No prior programming experience is required and the content was designed with that in mind. SY201 covers standard, introductory procedural programming concepts, and also introduces object oriented programming concepts. Python 3 is used in SY201 due to its approachability for new programmers, and its wide use in cyber operations. You will write Python programs in a Linux virtual machine (a machine made of software) that I will help you create during the first few classes.

Course Resources:

This is an active hands-on course and you'll participate in both individual and group activities. To help you on your journey, the following resources are provided:

Textbooks

There are two required textbooks for SY201:

1. Liang, Y. Daniel. *Introduction to Programming Using Python*. Pearson, 2013. Print.

2. Lutz, Mark. *Python Pocket Reference*. O'Reilly Media, 2014. Print, Electronic.

Other Resources

1. Course Portal: A "one-stop-shop" for most of the resources you'll need for the course.

2. Course Calendar: We will track along with the course-wide SY201 website and use that as our master calendar, but I may tailor the lessons as we progress.

3. Git Repository: Git is a version control system used for collaborative software development. We will use Git as a resource to house a library of tools and resources.

4. Extra Instruction: If you are struggling with the course material or want to dig deeper into a particular topic, seek extra instruction. See me for available hours.

5. MGSP: There will be MGSP sessions for SY201, the course website or the Center for Academic Excellence will have additional details.

Assignments:

There will be multiple programming assignments (labs) throughout the course. You'll spend time working on these assignments both during class and outside of class. Late work will be accepted, with a reduced score based on the number of days late.

Grading:

The following weightings apply to your grades for the course:

Item	6-week Period	12-Week Period	Final For the Course
6-Week Exam	45%	20%	15%
12-Week Exam	-	35%	20%
Final Exam	-	-	20%
Program Assignments	50%	40%	40%
Participation	5%	5%	5%