CS 0045 ALGORITHMS AND INFO STRUCTURES APPLICATIONS

Fall 2022 Syllabus

INSTRUCTOR: Sandro Marchegiani
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OFFICE HOURS
12 – 1 Mon, 12 – 1, 2 – 3 Wed, Fri, 11 – 12 Th. Also available at other times – email to check.

COURSE DESCRIPTION
This course is a one-credit applications course designed to accompany CS0455. It consists of in-class applications and out of class programming assignments.

PRE-REQUISITES
CS Majors: C- in CS 0410 and CS0411 and (C- in CS 0406 or MATH 1012)
COE Majors: CS 0417 and EE 0445

CO-REQUISITE
CS 0455

TEXT
Data Structures and Abstractions with Java, Carrano & Henry, 5th Edition, Pearson, 2019. ISBN: 978-0134831695.

COURSE REQUIREMENTS
The requirements for CS0045 include regular class attendance, reading of text, weekly assignments, possible in-class assignments, hourly exams. All work must be completed and handed in on time. Late work is due 24 hours after the original due date and will be downgraded accordingly. Twice a semester you will meet with me to discuss your solution to the assignment you just completed.

In addition, there will be no make-up privileges on in-class assignments. A makeup will be given for an exam for extenuating circumstances. You must notify your instructor if you must miss an exam beforehand or within two days after the exam is given. The final will be given during the last week of regular class (12/8/22).

SCHEDULE
The schedule follows CS0455. Each week's assignment will be based on topics recently covered in that class. You are advised to bring class handouts, notes and textbook to lab.

PLAGIARISM

Any form of plagiarism which include copying or imitating the language, ideas, thoughts, or work of another person and passing off the same as one's own work discovered by the instructor will result in a zero for the first offence and an F for the course for any subsequent offense.

Please do not post assignments online asking for help. That is considered cheating and a possible violation of copyright.

GRADING REQUIREMENTS		GRADING SCALE	
Weekly assignment	140 points	92% - 100%	A
Assignment Meetings	10 points	82% - 88%	B
Mid-term	40 points	72% - 78%	C
Final	60 points	62% - 68%	D
Total	250 points	Below 60%	F

Plus and minus grades will be awarded to scores on the borderline based on actual score, attendance, overall work, attitude.

DISABILITIES

If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both your instructor and the Office of Health and Counseling Services, G4 Student Union, 814-269-7119 as early as possible in the term. The Office of Health and Counseling Services will verify your disability and determine reasonable accommodations for this course.