

VIRGINIA COMMONWEALTH UNIVERSITY
Department of Mathematics & Applied Mathematics
Math 356 – Graphs & Algorithms
Spring 2021

Instructor: Dr Larson

Office: Zoom! (4106 Harris Hall)

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Web page: www.people.vcu.edu/~clarson, and Blackboard for grades.

Office Hours: After class and by appointment.

Prerequisite(s): Math 201

Text and Other Materials: *Graph Theory with Applications*. J.A. Bondy & U.S.R. Murty, free online at: <http://www.imo.umontreal.ca/~hahn/IFT3545/GTWA.pdf>

Software: We will use Cocalc.com for the Lab portion of the course. Each student will be required to sign up for a \$14 course subscription at Cocalc.com.

Attendance: There is no attendance policy per se, but there will be homework and in-class assignments that are due.

Goals and Expectations:

- You are expected to attend class, complete homework, and ask questions during class.
- For Zoom classes, classroom worksheets/notes must be emailed prior to the next class.
- You must keep up on your classroom worksheets---or you may be dropped.
- When presenting your work, I expect you to show all significant steps that are used to complete each problem. In cases where work is missing, you will not be given full credit.
- I encourage you to work with others on homework problems, however, any assignments to be turned in must be written up on your own. If you work with others, you must write who you worked with on your assignment.
- Please write neatly on all assignments to be graded; exceptionally messy work may not be graded.
- Only selected homework problems will be graded; other problems will be graded for completion.
- Make up tests will be considered under exceptional circumstances: if you miss a test and want to be considered for a make-up, you *must* contact me immediately.

Tests and Determination of Grades:

There will be two regular tests. Here is the *tentative* schedule:

Test #1, Tues., March 16

Test #2, Thurs., May 6

- The tests will be *closely based on* the in-class assignments and assigned homework.
- Tests are written under the assumption that you are significantly studying the material every day outside of class.

Your final average will be computed as follows:

Tests:	50% (25% each)
Homework:	25%
In-class assignments:	25%

Grade Scale: The 10-point scale: 90-100 A, 80-89 B, etc.

Tentative Course Material: Chp. 1- 9.

Important Dates to Know:

- Last day to withdraw is Wed., May 5.
- Classes end on Wed., May 5

VCU Honor System: All VCU students are presumed upon enrollment to have acquainted themselves with and have an understanding of the Honor System. Therefore, it is a student's responsibility to ask course instructors to clarify expectations for each assignment in order to be in compliance with the Honor System. The 2007 - 8 VCU Honor System policy statement and purpose is located at http://www.provost.vcu.edu/pdfs/Honor_system_policy.pdf

Classroom Conduct: Professional conduct will be expected at ALL TIMES and disruptive talking or behavior will NOT be allowed. A description of the VCU Student Conduct in Instructional Settings Policy can be found at: <http://www.ts.vcu.edu/policies/studentconduct.html>

VCU Syllabus Statement: Students should visit <http://go.vcu.edu/syllabus> and review **all** syllabus statement information. The full university syllabus statement includes information on safety, registration, the VCU Honor Code, student conduct, withdrawal and more.

VCU Inclusion Statement: I want you to know that I am grateful for your presence and input in our classrooms (whether in person or online). I appreciate and welcome you regardless of your immigration status, country of origin and/or citizenship, race, ethnicity, religious affiliation, gender/sex, gender identity, sexual orientation, age, or dis/ability. Thank you for enriching our world, sharing your vital experience, and contributing to the diversity that makes our intellectual community vibrant and evermore creative.