Math 8540 — Spring 2024 — Goddard

Graph Theory
TΘ 9:30–10:45

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Office Hours. By appointment. (Zoom or in-person.)

Goal. To learn the basics of graph theory and the methods to solve such problems.

Content. Trees, distance, matchings, connectivity, paths, colorings, planar graphs, cycles.

Grade. Your final Numerical mark will be determined by:

• Assignments: 40%
• Your best two grades (counting 30% each) out of Test 1, Test 2, and Cumulative final.

Course does not use plus/minus grading. The cut-off for an A will be 89.5; for a B 80, and for a C 70.

Assignments. These will typically include problems with a range of difficulties.


Notes/Text. Slightly Recommended is: West, Introduction to Graph Theory, Second Edition. Handouts will be archived at peoplecomputing.clemson.edu/~goddard/handouts/math8540.

For more rules and regulations, see separate handout. In particular, note academic honesty policy.