

Math 140: Tuesday Aug 20th, Day 1 Notes

Agenda for Tuesday, Aug 20, 2024

Introductions and Syllabus	1
Chapter 1	2

Reminders

- ! Get your class materials
- Mark your calendar for exam dates
- Start process with ADRC if you have an accommodation

Introductions and Syllabus

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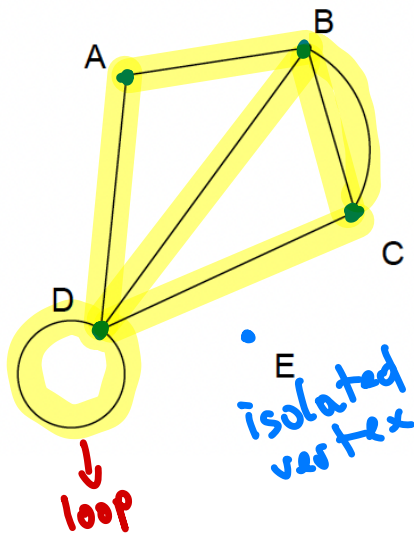
Questions from Syllabus?



Intro to graph Theory and Euler Circuits and Paths

Graph - A picture that contains a set of **vertices** and a set of **edges**.

Example 1. Consider the graph below. Give the set of vertices and the set of edges:



$$V = \{A, B, C, D, E\}$$

$$E = \{AB, BC, CD, DA, AC, BD, DE, DD\}$$

Example 2. Draw two different graphs for $V = \{L, M, N, P\}$ and $E = \{LP, MM, PN, MN, PM\}$