

# Week 9 - Shortest Paths

AD 325 - 2021

# Contents

## ***Learning Outcomes***

- Shortest paths
- Spanning trees
- Minimum spanning trees (MST)
- Applications of MST

## ***Reading & Videos***

- Carrano & Henry: Chapters 29 (paths)
- <https://www.coursera.org/learn/algorithms-part2/home/week/2> (MST)

## ***Reference***

- <https://algs4.cs.princeton.edu/43mst/>
- <https://www.geeksforgeeks.org/graph-data-structure-and-algorithms/#minimumSpanningTree>