

CE100 Algorithms and Programming II

Graphs

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0.1 CE100 Algorithms and Programming II

0.2 Week-10 (Graphs)

0.2.0.1 Spring Semester, 2021-2022 Download DOC¹, SLIDE², PPTX³

0.3 Graphs

0.4 Outline

- Introduction to Graphs
 - Graphs and Representation
 - BFS (Breath-First Search)
 - DFS (Depth-First Search)
 - in-order
 - post-order
 - pre-order
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- Topological Order
 - SCC (Strongly Connected Components)
 - MST
 - Prim
 - Kruskal
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¹[ce100-week-10-graphs.en.md_doc.pdf](#)

²[ce100-week-10-graphs.en.md_slide.pdf](#)

³[ce100-week-10-graphs.en.md_slide.pptx](#)

0.5 References

TODO