The final will test material covered in lectures 1 through 26.

Specific skills that may be tested include (the following list may not be exhaustive):

1. All skillsets from Midterms 1-3

2. Turing Machines

    1. Understanding state diagrams.

    2. Closure properties of languages recognized by TMs.

    3. Different types of TMs and how they reduce to one-another.

3. Minimum Spanning Trees

    1. Safe/unsafe edges.

    2. Boruvka's, Kruskal's, and Prim's algorithms.

    3. Manipulating minimum spanning trees.