1. Kleinberg and Tardos, Algorithm Design, Addison-Wesley 2006. [QA 76.9 A43 K54 2006]
   Organized by design techniques. Emphasizes problems from combinatorial optimization and operations research.

   Organization similar to Kleinberg and Tardos, but less expansive. A final chapter introduces quantum computation.

   Arguably the most complete algorithms text available. Undergraduate courses like CS 577 typically cover the first half.

   One of the first algorithms books to incorporate NP-completeness. Ultimately descended from Richard Karp’s lectures at Berkeley.

   A standard book for courses like CS/Math 240. Some coverage of algorithms and data structures.