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| **DERS** | **KITAP** |
| COMP 106 DISCRETE MATHEMATICS FOR COMPUTER SCIENCE AND ENGINEERING | Kenneth H. Rosen, Discrete Mathematics and Its Applications, McGraw-Hill |
| ENGR 200 PROBABILITY AND RANDOM VARIABLES FOR ENGINEERS | Introduction to Probability by D. P. Bertsekas and J. N. Tsitsiklis. Massachusetts: Athena Scientific |
| COMP 202 ALGORITHMS & DATA STRUCTURES | Goodrich & Tamassia, \Data Structures and Algorithms in Java", 5th Edition International Student Version, Wiley. |
| COMP 446 ALGORITHM DESIGN AND ANALYSIS | Cormen, Leiserson, Rivest, and Stein. Introduction to Algorithms", 3rd edition, McGraw-Hill. |
| COMP 304 OPERATING SYSTEMS | Operating System Concepts by Abraham Silberschatz, Greg Gagne, Peter B. Galvin Publisher: Wiley |
| COMP 306 DATABASE MANAGEMENT SYSTEMS | Database Systems Concepts, Silberschatz, Korth, and Sudarshan, Sixth Edition, McGrawHill |
| COMP 132 ADVANCED PROGRAMMING | Java How to Program, 9th Edition, Early Objects Version, H.M. Deitel and P.J. Deitel, Prentice Hall  C How to Program, 7th  Edition, H.M. Deitel and P.J. Deitel, Prentice Hall  C++ How to Program, 7th  Edition, Early Objects Version  Arnold, Gosling, Holmes The Java Programming Language, Addison-Wesley |
| COMP 301 PROGRAMMING LANGUAGE CONCEPTS | Daniel P. Friedman, Mitchell Wand-Essentials of Programming Languages-MIT |