Discrete math 6.1 lectures:

http://en.wikipedia.org/wiki/Uniform\_distribution\_%28discrete%29

http://en.wikipedia.org/wiki/Conditional\_probability

http://en.wikipedia.org/wiki/Recurrence\_relation

http://en.wikipedia.org/wiki/Graph\_theory

http://en.wikipedia.org/wiki/Seven\_Bridges\_of\_K%C3%B6nigsberg

http://en.wikipedia.org/wiki/Isomorphism

http://en.wikipedia.org/wiki/Homeomorphism

http://en.wikipedia.org/wiki/Dijkstra%27s\_algorithm

http://en.wikipedia.org/wiki/Tree\_%28graph\_theory%29

http://en.wikipedia.org/wiki/Kruskal%27s\_algorithm

http://en.wikipedia.org/wiki/Prim%27s\_algorithm

http://en.wikipedia.org/wiki/Combinational\_logic

http://en.wikipedia.org/wiki/Karnaugh\_map

http://en.wikipedia.org/wiki/Conjunctive\_normal\_form

http://en.wikipedia.org/wiki/Disjunctive\_normal\_form

http://en.wikipedia.org/wiki/Analysis\_of\_algorithms

http://en.wikipedia.org/wiki/Fast\_Fourier\_transform

http://en.wikipedia.org/wiki/Discrete\_Fourier\_transform

http://en.wikipedia.org/wiki/Automata\_theory

http://en.wikipedia.org/wiki/Object-oriented\_programming

Videos:

Combinational Circuits:

https://www.youtube.com/watch?v=5k00tdMrtQ4

https://www.youtube.com/watch?v=BPCy6qd9yT4

Prim's algorithm:

https://www.youtube.com/watch?v=cplfcGZmX7I

https://www.youtube.com/watch?v=BtGuZ-rrUeY

https://www.youtube.com/watch?v=YyLaRffCdk4

https://www.youtube.com/watch?v=Pn874kEc3IA

Kruskal's algorithm:

https://www.youtube.com/watch?v=71UQH7Pr9kU

https://www.youtube.com/watch?v=5XkK88VEILk

Automata Theory:

https://www.youtube.com/watch?v=tebnlTl1ao0

Object-Oriented Programming:

https://www.youtube.com/watch?v=lbXsrHGhBAU