Lecture 11 Basics: Cellular Respiration

11.1 Electron Energy and Respiration Overview
11.2 The mitochondrion

11.3 Glycolysis

NAD+ as an electron shuttle
Substrate Level Phosphorylation

Examples:

11.4 Citric acid cycle

Other Fuels:
11.5 Oxidative phosphorylation

Steps:
11.6 Relative ATP production

11.7 Fermentation