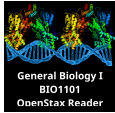


The following lectures are covered on the third exam.

The following lecture schedule contains links to the book sections from [Biology](#) from OpenStax College ([CC-BY 4.0](#))

<b>Week</b>	<b>Lectures</b>	<b>Topic with link to Openstax pages</b>	<b>Openlab Supplement</b>
		<a href="#">ENERGY</a>	
	14.	Cells and the Flow of Energy Metabolic Reactions and Energy Transformations Metabolic Pathways Oxidation and Reduction	<a href="#">Energy</a>
VIII	15.	<a href="#">CELLULAR RESPIRATION I</a> Cellular Respiration (Anaerobic) Outside the Mitochondria: Glycolysis Fermentation	<a href="#">Glycolysis and Fermentation</a>
	16.	<a href="#">CELLULAR RESPIRATION II</a> Cellular Respiration (Aerobic) Inside the Mitochondria: The Preparatory Reaction (Hub) Citric Acid Cycle (TCA) Electron Transport Chain (ETC) Metabolic Pool	<a href="#">Aerobic Respiration</a>
IX	17.	<a href="#">PHOTOSYNTHESIS I</a> Photosynthetic Organisms The Process of Photosynthesis Plant as Solar Energy Converters: Light Reactions	<a href="#">Light Capture</a>
>	18.	<a href="#">PHOTOSYNTHESIS II</a> Dark Reactions: Calvin Cycle Reactions (Carbon Fixation) Other Types of Photosynthesis	<a href="#">Carbon Fixation</a>



		<u><a href="#">ASEXUAL REPRODUCTION</a></u>	
X	19.	The Cell Cycle and Its Control Mitosis and Cytokinesis The Cell Cycle and Cancer Prokaryotic Cell Division	<u><a href="#">Cell Cycle</a></u>
		<u><a href="#">SEXUAL REPRODUCTION</a></u>	
	20.	Halving the Chromosome Number Genetic Variation The Phases of Meiosis Comparison of Meiosis and Mitosis The Human Life Cycle (Spermatogenesis & Oogenesis)	<u><a href="#">Meiosis and Gametogenesis</a></u>
XI	21.	<u><a href="#">CHROMOSOMES</a></u> Changes in Chromosome Number and Structure	<u><a href="#">Chromosomes</a></u>
	22.	Exam 3	