

2017 BIOLOGY EOC REVIEW 7:50-8:30am

Date	Room	Topics
3/08	8207	-Review of community interactions -Distribution of life in aquatic systems -Succession and changes -Impact from catastrophic events
3/10	8207	-Population dynamics and graphs -Carrying capacity, Limiting Factors -Energy Flow, Biogeochemical Cycles -Costs and benefits of renewable and nonrenewable resources
3/15	8207	-Origins of Life: Contribution of scientists, endosymbiotic theory - Evidence for the theory of evolution -Trends in human evolution
3/17	8207	-Darwin's Natural Selection -Hierarchical classification based on evolutionary relationships -Domains and Kingdoms
3/21	8207	-Overview of Plants: Organs, tissues, evolution -Physiological Processes of Plants -Properties of Water
3/22	8207	- Photosynthesis - Cellular Respiration
3/29	8207	-Circulatory System -Immune System
3/31	8207	-Human Reproductive system -Human Development: Fertilization to Birth
4/05	8207	-Cell theory and discovery -Organelles and membrane -Role of lipids in cell membrane
4/07	8207	-Biotechnology: impact on society, individual, environment, medical and ethical issues (Early Release) Tentative
4/18	8207	-Process of Mitosis -Asexual vs. sexual effect on genetic variation -Meiosis : creating gametes and independent assortment
4/21	8207	-Meiosis: Crossing over and nondisjunction, genetic variation resulting from meiosis -Comparison of Mitosis and Meiosis
4/26	8207	-DNA and Replication: Review of structure of DNA and chromosomes -DNA Replication in prophase Types of mutations and effects
4/28	8207	-RNA synthesis: Transcription. -Protein synthesis: Translation -Types of mutations
5/01	8207	-Review of macromolecules -Review of connections to biological processes -Role of Proteins in the Body: Enzymes as a catalyst to reduce activation energy -Factors affecting enzyme function