Ouachita Baptist University

- Reyna Cell Biology

- Front Matter
  - 1: (T1) Basic Cell Chemistry - Chemical Compounds and their Interactions
  - 2: 2-(T2-first lecture) Protein Structure
  - 3: (T1) Enzymes -
  - 4: (T2) Membrane Structure
  - 5: (Test 2) Transport and Kinetics
  - 6: (T2) Protein Modification and Trafficking
  - 7: (T3) Cytoskeleton
  - 8: (T3) Signal Transduction
  - 9: (T3) Cell Cycle
  - Back Matter
Reyna Genetics Lab- Synthetic Biology CURE

- Front Matter
- 1: Inoculation
- 2: Lab Safety and Laboratory Notebook
- 3: Tips for Organizing the Lab for Large Classes
- 4: Visual Representation of the Protocol
- 5: Plasmid DNA Extraction (Mini-Prep)
- 6: Appendix III- Using the Nanodrop
- 7: DNA Double Digestion
- 8: Gel Loading and Running
- 9: Ligation of Products
- 10: Cell Transformation
- 11: Appendix I- Antibiotics and Color Coding
- 12: Appendix V- Common Agarose Gel Questions and Tips
- 13: Before you begin a semester overview
- Back Matter