

Student Learning Feedback Form

BIOL232: Cell Biology

Course Goals or Objectives

- I can correctly use appropriate cell biology terminology on exams and written assignments.
- I can describe and explain the common themes in cell biology: balance of molecules, protein conformation, sequential binding, use of cellular energy (ATP and GTP).
- I can Interpret and explain experimental results used to draw conclusions and build models of how cells function.
- I can design appropriate experiments to investigate cellular processes.

Skills and Abilities

- Lab skills such as pipetting, loading gels, and PCR
- Data analysis
- Experimental design

Concepts

- Transcription and translation
- Control of the cell cycle and apoptosis
- Signal transduction pathways
- Cellular transport
- Metabolism

Assignments

- CRISPR Lab Report
- Exams
- Quizzes

Resources and Experiences

- Textbook: Cell: Molecular Approach by Geoffrey Cooper
- In-class problems
- Case studies
- CTL Study Table