

Course Logistics: Eastern Promise Biology

Eastern Promise is a collaboration between Eastern Oregon University, the InterMountain Education Service District, Blue Mountain and Treasure Valley Community Colleges, and school districts in Eastern Oregon. The program creates additional opportunities for high school students to participate in college level courses as well as earn college credits and/or certificates while still in high school, a big money savings for families.

Proficiency-Based: Partner institutions will employ internally developed outcome assessments to award college credit, with region professional learning communities of teachers and college/university faculty collaborating regularly.

Local direction: High schools will direct teacher assignment and ensure proper student placement, while the higher education partners will direct proficiency assessments to assure control and alignment of the curriculum to maintain a high academic standard.

Local flexibility: Educational partners will be able to collaborate to offer the highest level of opportunity and support the students.

Course Expectations:

- Credit will be awarded based on student proficiency. Students will demonstrate proficiency for each course based up on performance on two midterm exams and a final exam.
 - Exams will be created and administered via blackboard.
- Instructors must participate in the Eastern Promise Biology Professional Learning Community (PLC). Meeting times will be decided by the PLC.
 - Once per quarter minimum?
- This course is designed to prepare students for college level work. It will be rigorous....

Course Flexibility:

- Students must register for the course in alignment with the EOU/BMCC/TVCC calendar.
- High school instructors will be given a syllabus to follow, but the amount of time spent during the course on specific topics is at the discretion of the instructor.

Curriculum:

Biol 101

- Parts of the Cells (Prokaryotes and Eukaryotes)
- Cell structure and function
- Both plants and animals
- Basic Biochemistry
- Genetics
 - Mendelian and Molecular
- Metabolism

- Photosynthesis
- Respiration
- Evolution

Biol 102

- Classification Taxonomy
- Monerans
- Bacteriology, viruses,
- Protists
- Botany

Biol 103

- Zoology
- Human Biology
- Ecology
- Scientific Methods

Course Outlines:

- Course Syllabus: Syllabi have been created for Biology 101, 102, and 103.
 - Biology 101: 3 credits
 - Biology 102: 3 credits
 - Biology 103: 3 credits
- Selecting Texts:
 - Instructors may choose their own textbook, based upon individual preference.
 - Note: Assessment questions will be taken from the test question pool put together by the Eastern Promise Biology PLC group.
 - EOU uses Campbell
 - BMCC uses Sullivan

Labs:

- BMCC and EOU have different lab requirements for their 100 level courses. Please check with your supervising college/university for what will be required for your course.

Assessment: (Testing Parameters)

College credit will be awarded to students who show proficiency on two midterm exams and a final exam.

Exam Design:

- Midterm Exam #1: 50 Questions
 - 35 Questions from “Knowledge/Comprehension”
 - 10 Questions from “Application/Analysis”
 - 5 Questions from “Synthesis/Evaluation”

- Midterm Exam #2: 50 Questions
 - 35 Questions from “Knowledge/Comprehension”
 - 10 Questions from “Application/Analysis”
 - 5 Questions from “Synthesis/Evaluation”

- Final Exam: 100 Questions (50 questions of new material, 50 questions of previous material)
 - 70 Questions from “Knowledge/Comprehension”
 - 20 Questions from “Application/Analysis”
 - 10 Questions from “Synthesis/Evaluation”

Exams will/may be reviewed by the PLC to ensure rigor.

Questions may be added to the pool with approval from the PLC/and or monitoring professors.

College Registration:

Biology 101: 3 credits pass/fail (satisfactory/unsatisfactory)

Biology 102: 3 credits pass/fail (satisfactory/unsatisfactory)

Biology 103: 3 credits pass/fail (satisfactory/unsatisfactory)

Potential Pitfalls:

- Designed for college bound students
- Grades will be awarded by both the high school and the college. Students will receive both high school and college credit
- Students may receive an “F” for the course, but may also drop from the course.

Continuing PLC Participation:

- Instructors participating in Eastern Promise must attend all PLCs each school year and have a classroom visit by one of the PLC leaders