

Omaha North High Magnet School
Biomedical Innovations
Course Syllabus

Instructor:	Alexander Anton
E-mail:	alexander.anton@ops.org
Office Phone Number:	531-299-7227
Plan Periods:	B2

Course Description: Biomedical Innovations is the final course in a four-year pathway provided by Project Lead the Way. In Biomedical Innovations, students will complete complex, hands-on projects in collaborative groups.

Class Rules and Expectations

Be Respectful, Be Responsible, Be Accountable

- Rules and guidelines set forth in the student handbook will be followed in this class. Any student who distracts other students or the instructor and interferes with the learning environment should expect consequences.
- Be on time and prepared to work. This means having something to write with and a charged district iPad.
- Follow all cell phone level expectations.
- Respect yourself and others by using appropriate language and volume, remaining in your seat, and keeping your hands to yourself.
- Do not answer the door unless you are given permission to do so.
- Stay in your seat until the bell rings.

Texts

- N/A

Group Work

- This course requires students to work in collaborative groups. Students will not be allowed to choose their own groups and cannot work alone.

Project Notebooks

- Throughout the class students will be required to write material and keep track of their progress in project notebooks. Project notebooks are a major part of the course and will be graded.

There are three types of coursework

- ***Summative (65% of the final grade)*** – Unit tests or projects used to determine mastery of content or skill. Summative assignments are graded for accuracy.
- ***Formative (35% of the final grade)*** – Minor assignments such as Labs, Quizzes, Book Assignments or other assignments that deserve to be graded. Formative assignments are graded for accuracy and descriptive feedback is provided.
- ***Practice*** – Brief assignments done at the beginning of learning to gain initial content. Practice assignments are not generally graded for accuracy (descriptive feedback will be provided in class) and are not a part of the grade. Teachers may keep track of practice work to check for completion and students could also track their practice work.

Weighting Assignments (Using a Multiplier)

When entering grades in the grade book, teachers may assign greater weight to some assignments than others. For example, the final exam may impact a student's summative grade more than a unit test. Teachers will have the option to use the multiplier to weigh both formative and summative assessments to a maximum of 4. If a weight of 2 or more is applied to an assessment, this information will be communicated to students at the time the assessment is announced.

A = 3.26 – 4.00

B = 2.51 – 3.25

C = 1.76 – 2.50

D = 1.01 - 1.75

F = 0.00 – 1.00

Redoing/Revising Student Coursework

1. Students are responsible for completing all coursework and assessments as assigned.
- ~~2~~ Students may be allowed redos and revisions of coursework for full credit during that unit of study based upon the teacher's professional judgment and evidence collected throughout the unit. Scores for student work after retaking, revising or redoing will not be averaged with the first attempt at coursework or assessment but will replace the original student score.
3. Students are expected to complete assessments when given to the class, or if a student was justifiably absent, at a time designated by the teacher.
4. Redoing, retaking or revising will be done at teacher discretion in consultation with the student and parent(s). Teachers may schedule students before, during, or after school to address needed areas of improvement if not convenient during class. The time and location for redoing, retaking or revising will be done at the teacher's discretion in consultation with the student and parent(s).

Late Coursework

Students are expected to complete coursework on time. Late coursework may be accepted for full credit until the end of the unit based on the teacher's professional judgment and evidence collected throughout the unit. Accepted late work will not result in a reduction in grade and the M (Missing) will be replaced with the score earned by the student. The teacher or school may make exceptions depending upon student circumstances (such as prolonged absences due to illness).