

ADVANCED BIOLOGY

Anatomy/Physiology



- **Course Description:**

This yearlong course in anatomy and physiology is designed for students with high ability and interest. This course covers basic biochemistry, tissue types and the major organ systems with emphasis on the human body. Organ systems are studied through dissection which constitutes an essential component of the course.
- **Course Expectations:**

Prerequisite for this class is one year of biology or chemistry with a grade of B or better or teacher permission. This course requires regular class attendance and participation. This course requires students to organize lecture materials, numerous handouts and laboratory activities. This course, like any anatomy course, requires the student to memorize a large volume of terms and names. Good memorization skills are essential. Comprehensive exams are given regularly and represent 60% of the grade in the course. Students are expected to do homework on a regular basis. The amount of time spent on home work will be a function of student ability, interest and grade expectation.
- **Special Projects:**

A semester project completed outside of class time is required for an “A”. Project topics must be OK’d by the teacher and started by the end of the first quarter of each semester. Projects must be completed no later than three weeks before the end of the semester. For students not working towards an “A” grade, semester projects may be used for extra credit. This is the only opportunity for extra credit in the course.
- **Beyond the general education course:**

Students who have completed first year biology with a “B” or better will have the option to earn college credit at B.C.C. This credit will be for a grade, not pass/fail, and all course work must be completed at Issaquah High School.
- **Other:**

This course, like all science courses, requires a consistent systematic approach to learning. It does not lend it self well to sporadic, off and on study habits. This course is an advanced course that is not designed to be preparatory for any specific advanced placement exam.