To educate students to be self-directed learners, collaborative workers, complex thinkers, quality producers, and community contributors

Course Description

This course is designed to introduce and broaden the level of understanding about human body through an in depth study of various topics within anatomy & physiology. A systematic approach to the study of the human body and the process of homeostasis will be reinforced by numerous laboratory components. Form and function of tissues will be discussed on the microscopic and macroscopic levels, through extensive use of microscopes and multiple dissections. The dissections may include a rabbit, pig, cow eye, sheep brain, pig heart, among other specimens. This class is designed to prepare students to be successful in a college anatomy & physiology course.

Course Topics

- Unit 1: Introduction to Body Systems
- Unit 2: Histology
- Unit 2: Skeletal System
- Unit 3: Muscular System
- Unit 4: Nervous System
- Unit 5: Digestive System
- Unit 6: Cardiovascular System
- Unit 7: Excretory System

Common Unit Assessment

Course Topics

- Unit 1: Introduction to Body Systems
- Unit 2: Histology
- Unit 2: Lab Practical
- Unit 2: Skeletal System
- Unit 2: Lab Practical
- Unit 3: Muscular System
- Unit 3: Lab Practical
- Unit 4: Nervous System
- Unit 5: Digestive System
- Unit 6: Cardiovascular System
- Unit 7: Excretory System

Grading Calculation

At Naperville North we define formative and summative work as follows:

- Formative work is used to monitor student’s learning to provide ongoing feedback that can be used by students to improve their learning. Examples may include: practice activities, lab work, homework, quizzes, etc.
- Summative work is used to evaluate student learning at the end of an instructional unit or segment of learning by comparing it against a standard or benchmark.

Revised August 2018
Grades communicate each student’s progress toward mastery of goals/standards for the course. Grades should not be reduced or inflated due to student behaviors outside of the standards.

- No extra credit will be issued.
- Formative assignments will be accepted up to the end of each unit (the end of each unit is the day of the summative assessment).
- A zero on a summative assessment will only indicate that no attempt was made by the student.
  - Violations of the academic integrity policy will be consequenced by administration in collaboration with the IC/teacher.
- Formative work submitted after the due date cannot be penalized more than a total of 10%.
- Summative work submitted after the due date cannot be penalized more than a total of 10% and must be submitted prior to the end of the next unit.
- Any percentage lower than 50% will be put into the grade book as a 50%, the lowest possible grade on completed work (incomplete or work not turned in will receive a grade of 0 in the grade book).

Your course grade will reflect what you have learned, not what you have completed.

I Exam

Formative
- 10%: Daily work (homework, group projects, whiteboard presentations, quizzes, lab completion checks)

Summative
- 90%: Unit summative tests and summative lab work

A : 90-100 %
B : 80-89 %
C : 70-79 %
D : 60-69 %
F : below 60%

Academic Integrity
Students will be expected to submit only original work and follow the academic integrity policy described in The student handbook.

Communication
- Teachers make every effort to respond to emails and phone calls within 48 hours during the workweek.
- The best way to communicate with teachers is through email; however, if you haven’t received a response in 48 hours, please resend the email or call their voicemail. Your email may have gone into the spam folder.

Students will be provided multiple and varied opportunities to demonstrate mastery of learning standards.
- The purpose of reassessment is to allow students to demonstrate mastery of course standards in which they remain deficient.
- Students will be required to engage in further learning and reassessment when students do not demonstrate sufficient learning of the course essential standards.
- Students who have demonstrated sufficient learning of the essential standards (but scored below a weighted 80%), will be allowed re-assessment opportunities on the unit summative assessments if they so choose. To be eligible for reassessment, students must

Revised August 2018
• Demonstrate readiness for the summative assessment through the completion of all formative work.
• Demonstrate readiness for the summative assessment by completing all remediation assignments assigned based on formative performance.
• Complete the designated learning experiences as assigned by the teacher in the form of required reassessment assignments and attend peer tutoring to review required reassessment assignment.
• Reassessments MUST be completed during the next unit of study on a day and time determined by the teacher. No reassessments will be given on unit exams after the last day of the next unit.
• Project-based assessments that include multiple opportunities for feedback and improvement in the assessment process will represent multiple attempts and be considered a reassessment.
• Reassessments will be provided for unit exams only. Reassessments will not be provided for summative lab work.
• Reassessments will be a new form of the assessment that addresses all of the same standards that were on the original assessment.
• Higher reassessment grades will replace the original assessment score (but will not exceed a weighted 80%).

What to do if a student needs help
• Make an appointment with your teacher.
• After School Tutoring will be available for students M, W, Th after school in the Learning Commons.
• Peer tutors available before school and during lunch periods in the Lit Center.
• Utilize the Mastering Anatomy website for enrichment opportunities (practice quizzes, video tutorials, flashcards, enrichment assignments, etc.)

• Check Infinite Campus for students’ grade.

• Please ask your student about their school work. Please ask them for access to their Canvas account.

Attendance policy:
With this being a lab intensive course, attendance is a necessity to success in class. As stated in the Student Handbook, excessive absences may result in the student being withdrawn from the course. Since all the labs last for multiple days, you will be unable to actively participate to complete the work you missed if you are absent. Make-up material will be available to you, but should not be looked at as a replacement for missing scheduled classroom activities. Pre-planned absences (such as college visits, field trips, or athletic events) will not extend deadlines or exam dates.

If you are absent it is your responsibility to check the calendar, CANVAS, and come to class prepared.

Planet Earth, Body Atlas, Lorenzo’s Oil, Your Inner Fish, Osmosis Jones, Ted Talks and other documentaries

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