BIO 121.004. **Concepts of Biology**
Hall – S233, **1500-1645** TR
Office Hours: S236; **1400-1530, 1700-1800**, or by appointment

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**WELCOME TO BIOLOGY 121:** This course is designed to introduce you to the world of the science of living things. Course objectives: to develop a basic understanding of the mechanisms of life; to gain an understanding of the major tissues and systems of plants and animals; and to begin to understand how cells and organisms interrelate.

**ATTENDANCE:** You are expected to attend all lecture classes and labs. It is vital that you read the chapter text prior to class as this will permit you to pose questions more efficiently. If you miss a lecture class for unavoidable reasons, make sure you get the notes from another student or visit my office to ask what you missed.

**MISSING AN EXAM:** permitted only to students with **legitimate excuses** by prior arrangement

**TEXTBOOK:** Campbell Essential Biology with Physiology, 3rd, 4th or 5th edition, by Simon et al; © 2010 by Benjamin Cummings. **NO** access code, **NO** clickers.

**GRADING CRITERIA:**

- Lecture Exams (all together) - 67 pts
- Laboratory - 33 pts
- TOTAL - 100 pts

- PerfectAttend:1+SI(min14):0.3+LecNotes(min20):0.5+eval:0.2 – total 2 add pts
- Grading formula: (Ex1+Ex2+Ex3+Ex4+Ex5+Ex6)*0.67/6+Lab*0.33+Add pts

**NO GRADE DISCUSSION** over an e-mail.

**SCANTRON SHEETS** (form no. 30423): 6 total per semester.

**SI:** SI leader is Robert Trout <robertmgtrout@gmail.com>

**CELL PHONES, LAPTOPS AND OTHER ELECTRONIC DEVICES:** All electronic devices MUST be turned off and PACKED AWAY during the lecture. Students using electronic devices during class will lose up to 10 points of their final grade. Any use of an electronic device during a test will be considered cheating.

Class web-page to open slides you need [http://martynova-vankley.com/bio121/](http://martynova-vankley.com/bio121/)
user name: student
password: biotech
SCHEDULE:

01/16  Meeting with the class
01/18  History of discoveries in biology
01/23  The molecules of life
01/25  The molecules of life
01/30  The molecules of life
02/01  Exam 1
02/06  Cell structure & function
02/08  Cell reproduction
02/13  Differences between eukaryotic cells
02/15  Exam 2
02/20  Inheritance
02/22  Central dogma
02/27  DNA technology. Forensics
03/01  Microbial life
03/06  Invisible world
03/08  Exam 3
03/13-15 Spring Break
03/20  Cellular respiration
03/22  Respiration. Hypoxia
03/27  Photosynthesis
03/29  Easter
04/03  Exam 4
04/05  Homeostasis. Multi-cellular organisms.
04/10  Digestion
04/12  Circulation & body defense
04/17  Hormones reproduction & development
04/19  Exam 5
04/24  Plant structure & functions
04/26  Plant adaptations (BBC)
05/01  Ecosystems & diversity
05/03  Evolution
05/10  Final (Comprehensive) at 1pm

Correct way to sign your name on the back of the scantron:

*Choose you SEAT today and KEEP it

**Late – your ID on the desk!!!!
Not eligible for perfect attendance pts

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