



Short Syllabus



Course Title	Credits
Introduction to Biology C	4
Lecturers	
Prof. Yoav Gothilf (coordinator), Prof. Vered Padler-Karavani, Prof. Yossi Yovel	
Contact details	
yoavgothilf@gamil.com , vkavani@tauex.tau.ac.il , yossiyovel@gmail.com	
Semester	
Spring	
Short Description	
<p>The course focuses on principles of the animal physiology, behavior, immune system, and neurobiology. In addition, it provides a general introduction to ecology.</p> <p>The main topics studied in the course are: Body shape and structure, thermoregulation, chemical signals in animals, nutrition and energy balance, respiration and circulation, the excretory systems, reproductive systems, development, immunology, electrical signals and neuronal control, senses and movement, introduction to ecology, animal behavior, population ecology, community ecology, biogeochemical cycles, biological conservation and global ecology.</p>	
Final grade components	
Minor assignment: Home practice (multiple choice questions) total 10% of the final grade Midterm: Midterm Home Tester 15% of the final grade Final requirement: In-class exam 70% of the final grade Participation: 5% of the final grade	
Attendance	
Attendance is mandatory. Students are permitted a maximum of three absences without penalty. Any additional absences will affect the final grade and may result in failure of the course.	
Academic Conduct	
Plagiarism is taken extremely seriously. Any instance of academic misconduct which includes: submitting someone else's work as your own; failure to accurately cite sources; taking words from another source without using quotation marks; submission of work for which you have previously received credit; working in a group for individual assignments; using unauthorized materials in an exam and sharing your work with other students, will result in failure of the assignment and will likely lead to further disciplinary measures.	
Additional requirements	