

**Biology 1030-Organismal Biology**  
**Fall 2008 CRN 81094**  
**Monday/Wednesday/Friday 1-1:50**

**Instructor:** Mrs. Ashley Rall McGee  
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**Lecture room:** Biology/Chemistry 1011  
**Office hours:** M 2-3pm, W 10-11am, and W 2-3pm

**Course Objectives:** This course is designed to introduce the processes involved in the development and maintenance of complex multicellular organisms. We will focus on the principals of cellular life and inheritance as well as study the function of systems within the human body. Students will demonstrate the ability to analyze, to evaluate, and to make inferences from oral, written and visual materials as stated in VSU General Education Outcome #7. Upon completion of this course students will demonstrate an understanding of the cellular basis of life and relate the structure of DNA/RNA to the development of form and function of the organism and to heredity (VSU Biology Dept. Educational Outcomes 3 and 4).

**Materials:** *Biology: The Unity and Diversity of Life* by Starr & Taggart, Eleventh Ed.

**Attendance:** It is in your best interest to attend class. Roll will be taken. Exam material will be presented in lecture class only. If you miss 20% of class you will receive a failing grade (this is University policy).

**Grading:** You will be given six exams. Your lowest exam will be a drop grade. This does not mean you can miss one exam. There will NOT be make-up exams. If you miss an exam, it will be counted as your drop grade. Your final grade will be based on the following grade scale.

A-100-90%      B-89-80%      C-79-70%      D-69-60%      F-59% or below

**Cheating and Plagiarism:** Don't do it. Using note cards, cell phones, friends, and anything other than your brain will be perceived as cheating on an exam. A student caught cheating on an exam will receive a grade of zero and may receive a failing grade in the course. Refer to VSU Student Code of Conduct, Appendix A in the VSU student handbook or <http://www.valdosta.peachnet.edu/activities/handbook.html>

**Disruptive behavior:** Don't do it. The academic community is under a strong obligation to protect the campus community from disorderly, disruptive, or obstructive actions which interfere with academic pursuits of teaching, learning and other campus activities. Therefore, any disruptive behavior that interferes with the teaching of the lecture or disturbs other students or faculty will not be tolerated. Any student that disrupts the class will be removed from the class and possibly dropped from the course. Refer to page 42-44 of the Undergraduate Catalog 2002-2003 for more information.

**Family Educational Rights and Privacy Act of 1974:** It is illegal to release personal information about an individual to others. Grades, averages, and other information will not be released to anyone but that individual; therefore, no grades will be posted or given out over the phone or email.

**American Disabilities Act:** Students requiring classroom accommodations or modifications because of a documented disability should discuss this need with the instructor at the beginning of the semester. Students not registered with the Special Services Program, should contact the Special Service Office, Nevins Hall 1115 (phone 245-2498).

**BIOL 1030- Course Topics** \*Course matter and Examination order are subject to change\*

	<b>Date</b>		<b>Subject</b>	<b>Related Reading</b>
Week of Aug	18-22		Introduction to biology	Ch 1
			Life's chemical basis	Ch 2
	25-29		Molecules of life	Ch 3
			Cell structure and function	Ch 4
Sept	1-5	<i>1 Holiday</i>	<b>Exam 1</b>	<b>Ch 1-3</b>
			Cell structure and function	Ch 4
			Cell membranes	Ch 5
	8-12		Cell membranes	Ch 5
			Metabolism	Ch 6
			Photosynthesis	Ch 7
	15-19		<b>Exam 2</b>	<b>Ch 4-6</b>
			Photosynthesis	Ch 7
			Cells release energy	Ch 8
	22-26		Cell reproduction	Ch 9
			Meiosis	Ch 10
Oct	29-3		<b>Exam 3</b>	<b>Ch 7-9</b>
			Meiosis	Ch 10
			Inherited traits	Ch 11
	6-10	Midterm	Inherited traits	Ch 11
			Chromosomes	Ch 12
	13-17	13 & 14 Holiday	Chromosomes	Ch 12
			<b>Exam 4</b>	<b>Ch 10-12</b>
	20-24		DNA structure	Ch 13
			DNA to proteins	Ch 14
	27-31		Control over genes	Ch 15
			Animal Tissues and Organs	Ch 33
Nov	3-7		Animal Tissues and Organs	Ch 33
			Digestion and Nutrition	Ch 41
	10-14		<b>Exam 5</b>	<b>Ch 13-15, 33</b>
			Circulation	Ch 38
	17-21		Immunity	Ch 39
			Respiration	Ch 40
	24-28	26-28 Holiday	Sensory perception	Ch 35
Dec	1-5		Sensory perception	Ch 35
			Endocrine control	Ch 36
	8		Endocrine control	Ch 36

**Final Exam: Friday December 12, 2008 2:45-4:45pm**