

SYLLABUS

**BIO 115-HUMAN BIOLOGY Fall 2016
THREE RIVERS COMMUNITY COLLEGE
NORWICH, CONNECTICUT 06360**

**Tuesday lecture 6:30 to 9:15 PM Rm D122
Thursday lab 6:30 to 9:15 PM A 215**

Rosemary Gentile MS,RDN Adjunct Instructor
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Special Notice

If you have a visible or hidden disability which may require classroom, lab and/or test-taking modifications, please let me know and contact TRCC's disability service providers; Elizabeth Wilcox 860-215-9289 for learning disabilities and Matt Liscum 860-215-9265 for medical disabilities.

Course: Human Biology / BIO 115

Credits: 4 hrs. Credit (3 hours of lectures and 3 hours of lab each week)

Text: Biology of Humans; Concepts, Applications, and Issues, Judith Goodenough & Betty McGuire,
5th edition, Pearson/Benjamin Cummings, Publishers

Description of the Course

- A) Catalogue Description: This course is an introduction to the study of the structure and function of the human body. Laboratory procedures ***do not*** involve animal dissection. **Course Design:** to meet the lab science requirement for the General Studies or LAS programs of study. **This course does not meet the pre-admission requirement for the Nursing Program and does not meet the pre-requisite requirement for BIO 211 & 212 or BIO 235. Prerequisites:** Successful completion of ENG 100 with a C- grade or higher, or placement score indicating eligibility to take English 101.
- B) General Course Objectives:
- 1) To aid the student in developing an understanding of the life processes.
 - 2) To aid the student in developing and understanding of the normal structures and functions of the various systems of the human body.
 - 3) To provide a useful body of knowledge for students majoring in non-science programs.

Class Attendance Policy

Attending lecture and lab is mandatory. Leaving lecture early counts as an absence. Your presence, questions, comments are an integral part of the teaching and learning process. Any in class work assignments/activities are designed to further your understanding of the material and cannot be made up. Handouts from class are given once that week. In short, your participation counts and will help you to learn more and earn a better grade. College policy is that the instructor is under no obligation to “catch up” any student who habitually misses class or lab. For perfect attendance 5+ points. Everyone gets 1 absence. For no more absences 3+ points.

Methods of Evaluation for Lecture and Lab

There will be quizzes, three unit exams, a comprehensive final exam, in-class activities, and possible other written or oral assignments. All of these assignments including class participation/attendance count toward your final grade. For lab evaluation, there are 2 lab practicals and weekly lab reports, which are due at the end of each lab.

You are required to take **9 quizzes (2 lowest scores will be dropped), ALL 3 unit exams, and both of 2 lab practicals.** If you have an 88 or higher (B+) average of quizzes, tests, and lab practicals, you may opt out of the final exam. **The final is scheduled for December 13th. The final exam will not be returned.**

Make-ups

Lab work and lab practical exams *cannot* be made up because there is set up of equipment which is only available week by week.

A missed unit test can be made up on the night of the final by special arrangement with the instructor. Missing more than one unit test is unacceptable. Please let me know if you have to miss an exam ahead of time.

Quizzes cannot be made up. A missed quiz counts toward the 2 quizzes that can be dropped.

If you miss two unit tests, two lab practicals, and/or the final exam, you cannot pass the course.

The final cannot be made up.

Grade Determination:

Grades are calculated by your total scores from all quizzes, tests, labs, and other assignments and divided by the high total scores earned by other students. This method enables you to figure your grade at any point in the semester.

Here is a shortened example:

	Your Score		High Score
Quizzes	7		12
(drop 2	8		12
lowest)	6		12
Subtotal	21		36
Tests Unit 1	90		100
Unit 2	87		98
Unit 3	75		100
Subtotal	173		298
Lab Practicals	68		88
	98		106
Subtotal	166		104
Lab Reports	5		5
	4		5
	3		5
	5		5
	4.5		5
Subtotal	21.5		25
Other Assignments	10		10
	5		5
	1		1
Participation	5		5
Subtotal	21		21
Grand Totals	402.5		484

Your grade: $402.5/484 = 83$ + 5 points perfect attendance = 88 (exempt final)

Or 83 + 3 points one additional absence = 86

Or 83 if no points extra for attendance

Grade Scale

100.00 - 93	= A
92 - 90.00	= A-
89.99 - 87.50	= B+
87.49 - 84.50	= B
84.49 - 79.50	= B-
79.49 - 77.50	= C+
77.49 - 73.50	= C
72.49 - 69.50	= C-
69.49 - 63.50	= D+
63.49 - 59.50	= D
59.49 - 00.00	= F

Revisions to the Syllabus

The instructor reserves the right to change her mind and revise grade determination,

the objectives, topical outline, assignments, or academic schedule contained in this syllabus.

Any changes will be announced in advance in class.

Cell phones and/or beepers

Out of respect for your fellow classmates and instructor, please turn off your cell phones or keep them in silent mode.

No phone answering or calling, texting, or tweeting please! According to editors of 'The Week, the typical person checks his or her smartphone 150 times throughout the day. Think about what this does to one's ability to focus attention on any task at hand! Challenge yourself to observe your habits with your phone, and to make any changes to increase the amount of time you are paying attention and focusing on anything you're doing.

Academic and Classroom Misconduct:

The instructor has primary responsibility for control over classroom and/or laboratory behavior and

maintenance of academic integrity, and can request the temporary removal or exclusion from the

classroom or laboratory of any student engaged in conduct that violates the general rules and

regulations of the institution or any student engaged in conduct deemed hazardous in the laboratory.

Extended or permanent exclusion from lecture or laboratory activities or further disciplinary action can only be effected through appropriate procedures of the institution.

Plagiarism, cheating on quizzes or tests, or any form of academic dishonesty is strictly prohibited.

Students guilty of academic dishonesty directly or indirectly will receive a zero for the exercise or

quiz or test and may receive a “F” grade for the course in addition to other possible disciplinary

sanctions which maybe imposed through the regular institutional procedures.

Any student that

believes that he or she has been erroneously accused may appeal the case

through the appropriate

institutional procedures if their grade was affected.

Procedure for Dropping the Course

*** College’s Withdrawal Policy***

Any student who finds it necessary to discontinue this course **MUST** complete a withdrawal form

in the Registrar’s Office at the time of the withdrawal. If you can’t withdraw in person you may

call the Registrar’s Office and provide them with the appropriate information. Students may withdraw from the course anytime during the first *14th weeks of class, **without** written authorization

from the instructor or their academic advisor. (* Deadline will be announced.)

Once you withdraw from class you are no longer eligible to continue attending class or take

any remaining quizzes or test. Students who don’t withdraw, but stop attending will be assigned

an “F” grade in this course. Verbal withdraws **CANNOT** be accepted.

Digication

As a student, you will maintain an online learning portfolio using a TRCC designed template. Through this electronic tool, you can see your own growth in college-wide learning. It may even help you to find the major that is a match to you. You can keep this Digication account after graduation, too. A Three Rivers General Education Assessment Team will select random works and review them so that we can improve the college experience for all. Your name will not be attached to any of the assessment work; it is private. This tool will also be a “place” where you can connect your learning from the classroom, school, and life. Sometimes when you look at all of the work you have done and think about it, you learn something else. In Digication, you will be able to make other portfolios, too. It’s like a file cabinet with the ability to have multiple but separate files. What is exciting about the electronic tool is when you look inside you will see you are developing in new ways! Look at your class outline to see what assignments to post into the TRCC Template; you may post your own choices, too. Have fun in learning!

ACADEMIC SCHEDULE
BIO 115 Human BIOLOGY

Tentative Schedule

Lecture: 6:00pm – 9:00pm - Tuesday (T)

Lab: 6:00pm – 9:00pm - Thursday (R)

Fall 2016

Instructor: Rosemary Gentile

WEEK – DATE	***** LESSON(S) *****
1 08/30	Orientation Handout Syllabus – The Chemical & Biological Organization of Life – Required reading – C- 1,1a, 2
1 09/1	LAB: Laboratory Safety & Care/ The Scientific Process
2 09/6	Quiz 1 (previous week's lecture) Lecture: C1a, 2 cont'd/ The Cell Required reading - C3
2 09/8	LAB: The Care and Use of the Microscope
3 09/13	Quiz 2 (PWL) Lecture: The Cell cont'd C-3
3 09/15	LAB: The Cell
4 09/20	Quiz 3 (PWL) / Lecture: Tissues and organ systems/Skin/Homeostasis C-4
4 09/22	LAB: Tissues
5 09/27	Quiz 4 (PWL) Lecture: The Skeletal System – Required reading – C 5
5 09/29	LAB: Skeletal System
6 10/4 9:00pm	UNIT TEST 1 - 6:00pm–7:20pm /Lecture from 7:40pm – Lecture: Muscular System – Required reading – C 6
6 10/6	LAB: Skin
7 10/11	Muscular system cont'd C6 / Neurons C 7

7	10/13	LAB Practical 1 (Labs 1-5)
8	10/18	Quiz 5 (PWL) Lecture: Neurons cont'd C7, Brain/Nervous system C 8 8A
8	10/20	LAB: Muscular System
9	10/25	Quiz 6 (PWL) Lecture : Endocrine System C10
9	10/27	LAB: Special Senses
10	11/1	Quiz 7 (PWL) Lecture: Blood/Cardiovascular System C11, C12
10	11/3	LAB: Forensic Lab
11	11/8	UNIT 2 TEST Lecture: Cardiovascular System cont'd /Respiratory C 12 C14
11	11/10	LAB: Cardiology Lab
12	11/15	Respiratory System cont'd, Digestive System C 14
12	11/17	LAB: Respiratory
13	11/22	NO CLASS: Happy Thanksgiving
13	11/24	NO LAB: Happy Thanksgiving
14	11/29	Quiz 8 (PWL) Lecture: Body Defense Mechanisms C 13, 13a/Nutrition C15
14	12/1	Lab Practical 2 (Labs 6-11)
15	12/6	Quiz 9 (PWL) Lecture: The Reproductive System C 17, 17a Human Development C 18, 18a
15	12/8	NO LAB UNIT TEST 3 6:00pm-7:20pm 7:30-8:30 pm Review for Final

16 12/13 Final Exam 6:00-8:00pm

Merry Christmas

Happy Holidays

Happy New Year!!
