

BISC 207 Anatomy and Physiology II

INSTRUCTOR: DR. DENIS GOULET

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PREREQUISITS:

MUST have successfully completed BISC 206 Anatomy and Physiology I with a C or higher.

LEARNING OBJECTIVES:

To gain an understanding of the anatomical structure, and physiology of the human body. This course will focus on anatomy and physiological functions of metabolism and the major systems of the body (e.g. cardiovascular, reproductive, digestive, etc.).

TEXTBOOKS & CLICKER:

1. Tortora & Derrickson. 2008. Principles of Anatomy and Physiology. 12th Ed.
2. Allen & Harper. 2009. Laboratory Manual for Anatomy and Physiology 3rd Ed
3. Interwrite PRS Radio Frequency Clicker

EXAMINATIONS:

1. PRETESTS – A short test given at the beginning of each new chapter covering your basic understanding of the chapter.
2. LECTURE EXAMS – A comprehensive exam given after 3 chapters have been cover.
3. LAB QUIZZES – At the end of each lab there will be a quiz covering that day's lab material.
4. LAB TESTS – There will be 2 comprehensive lab tests, a midterm lab test and a final lab test.

ACADEMIC DISHONESTY/MISCONDUCT:

I will enforce **zero-tolerance towards cheating** on any pretest, test, exam, worksheet, or assignment. If caught cheating, you will **automatically FAIL the course** and you will be reported to the university's Academic Discipline Committee for disciplinary actions.

GRADING

PRE-TESTS	25%
EXAM 1	10%
EXAM 2	10%
EXAM 3	10%
EXAM 4	10%
EXAM 5	10%
<u>LAB</u>	<u>25%</u>
TOTAL	100%

FINAL COURSE GRADE:

At the end of the semester I will assign final letter grades based upon percentage scale (A = 90 - 100%, B = 80 – 89.99%, C = 70 – 79.99%, D = 60 – 69.99%, F = less than 59.99%) based upon your performance on the tests and laboratory. **I DO NOT ROUND UP TO THE NEXT LETTER GRADE. NO CURVES WILL BE APPLIED TO THE FINAL GRADE.**

Lecture Schedule

Week	Lecture Topics	Readings
1	Greetings, Class business Sensory, Motor & Integrative Systems	Chapter 16 - Pretest 1
2	Sensory, Motor & Integrative Systems Special Senses Special Senses	Chapter 16 Chapter 17 - Pretest 2 Chapter 17
3	Special Senses Endocrine System Endocrine System	Chapter 17 Chapter 18 - Pretest 3 Chapter 18
4	Endocrine System EXAM 1 Blood	Chapter 18 Chapters 16, 17 & 18 Chapter 19 - Pretest 4
5	Blood Heart Heart	Chapter 19 Chapter 20 - Pretest 5 Chapter 20
6	Heart Blood Vessels & Hemodynamics Blood Vessels & Hemodynamics	Chapter 20 Chapter 21 - Pretest 6 Chapter 21
7	Blood Vessels & Hemodynamics EXAM 2 Lymphatic & Immune System	Chapter 21 Chapters 19, 20, & 21 Chapter 22 - Pretest 7
8	Lymphatic & Immune System Lymphatic & Immune System Lymphatic & Immune System	Chapter 22 Chapter 22 Chapter 22
9	SPRING BREAK	
10	Respiratory System Respiratory System Respiratory System	Chapter 23 - Pretest 8 Chapter 23 Chapter 23
11	Digestive System – Digestive System Digestive System	Chapter 24 - Pretest 9 Chapter 24 Chapter 24
12	EXAM 3 Metabolism	Chapters 22, 23 & 24 Chapter 25 - Pretest 10
13	Metabolism Metabolism Urinary System	Chapter 25 Chapter 25 Chapter 26 - Pretest 11
14	Urinary System Fluid, Electrolyte & Acid-Base Balance Fluid, Electrolyte & Acid-Base Balance	Chapter 26 Chapter 27 - Pretest 12 Chapter 27
15	EXAM 4 Reproductive Systems Reproductive Systems	Chapters 25, 26 & 27 Chapter 28 - Pretest 13 Chapter 28
16	Reproductive Systems Development & Inheritance Development & Inheritance	Chapter 28 Chapter 29 - Pretest 14 Chapter 29
17	EXAM 5	Chapters 28 & 29

Laboratory Schedule

Lab	Topic	Exercise	Worksheet/QUIZ
1	Introduction Special Senses	23	Worksheet 1 QUIZ 1
2	Endocrine System	25	Worksheet 2 QUIZ 2
3	Blood Heart	26 27 & 28	Worksheet 3 QUIZ 3
4	Blood Vessels	29 & 30	Worksheet 4 QUIZ 4
5	Lymphatic System	31	Worksheet 5 QUIZ 5
6	Lab Review		
7	MID TERM TEST	23, 25 - 30	
	SPRING BREAK		
8	Respiratory System	32 & 33	Worksheet 6 QUIZ 6
9	Digestive System	34	Worksheet 7 QUIZ 7
10	Urinary System	36	Worksheet 8 QUIZ 8
11	Male Reproductive System Female Reproductive System	38 39	Worksheet 9 QUIZ 9
12	Human Development Heredity	40 41	Worksheet 10 QUIZ 10
13	Lab Review		
14	FINAL LAB EXAM	32-34, 36, 38 -	

WORKSHEETS:

Worksheets (Reviewing Your Knowledge) for the exercise to be covered in lab are to be handed in at the beginning of the class.

GRADES:

The lab is worth **25%** of the final course grade.