BIO 141 AND BIO 142
HUMAN ANATOMY AND PHYSIOLOGY

Instructor
Saiful Islam Ph.D.
Contacts

Email:
sislam@nvcc.edu
sislam@gmu.edu
sislam@hotmail.com

Webpage Address: Syllabus, Lecture, Lab material, Models, and Studying materials:
www.nvcc.edu/home/sislam
Textbook and Other Websites

**Textbook Student Companion Website:**
http://bcs.wiley.com/hebcs/Books?action=index&itemId=0470565101&bcsId=6205

**CourseSmart Website:**

**WileyPlus Website:**
https://www.wileyplus.com/WileyCDA/

**Lab Manual Website:**

**AP Revealed:**
AP Revealed:
http://mhhe.com/biosci2/anatomyrevealed/

**Compiled Animation Website:**
http://nhscience.lonestar.edu/biol/ap1int.htm
Required Textbooks

• **Textbook:** Human Anatomy and Physiology by Gerard J. Tortora and Derrickson. *14th edition*

• **Website:**

• **Lab Manual:**
  - Allen and Harper, Fifth Edition
Materials

- **Scantron** - six sheets required - #882E - college book store.
- **Dissection Kits** - provided
- **Gloves** - college book store
- **Lab Coat** - college book store
- **Goggles** - college book store
- **Heart, kidney, and brain** - dissection organs - provided
- **Testing kits** - provided
- **Fetal Pig for BIO 141** - four students form a team. Please visit the book store and buy the pig. Bring a copy of the receipt to me.
- Pigs are in the lab room.
Course is challenging

- BIO 141 and BIO 142- Human anatomy and physiology is a basic science course for students majoring in Health Technologies or Nursing class.
- Earning a good passing grade in this class is required.
- **Success in this class is crucial.**
- Selecting the best suited of your study habits, teamwork, full attendance, reinforced learning and memory skills, time management, visual aids, animations, movies, labeling, color drawing, flash cards, breaking the chapters into chunks, and other your best suited strategies and techniques for this difficult subject can make a big difference between success and failure.
Don’t Get Discouraged

• Never get discouraged when you receive undesired grades.
• Use tracking the grading sheet to be informed about the grade points you are receiving
• Try and navigate different types of study habits and strategies.
• Bring a change to yourself.
  • keep motivated, studious, focused, participative, informative, and engaged during lecture and lab class.
  • keep informed about your grades after few lab and lecture quizzes
Remember

- During the course of semester, maybe you will not ace in muscular or skeletal system or nervous system but you can easily ace in the integumentary or digestive system.
- Different chapters require different learning skills sets.
- So, simply keep studying, look forward, do your best, and be able to keep your eye on the overall grade.
- I want each of you successful in your career and endeavor.
Syllabus

BIO 141:
Syllabus
www.nvcc.edu/home/sislam

BIO142:
Syllabus
www.nvcc.edu/home/sislam
You are Responsible

- Attendance
- Class Participation
- Home Work- Pre-Lab and Lecture Chapter Review
- Assignment on time
You are Responsible in the Classroom

- Do not talk
- Do not eat or drink
- Do not wear open toed shoes
- Do not cause disruption
- Do not use any electronic devices
Be Aware

- **Academic dishonesty includes giving, receiving, or using unauthorized aid on any academic work.**
- This includes a person who has taken a test discussing what was on a test with a person who has not taken the test.
- Any student guilty of cheating or plagiarism will receive a grade of F.
Grading

- This course uses a combination of Lecture, discussion, visual aids, anatomical models, and group work.
- To earn good grades, you need to Listen to Lectures attentively and read and understand the textbook regularly.
- Please note: Due to the high level of integration between lecture material and laboratory exercises, your Lab grade is incorporated with your Lecture grade.
- You will receive one combined Letter grade for Lecture and Lab.
- Please keep all of your tests and assignments, in case there is a question concerning your grade in the course.
Lecture and Lab Exams

- The **Lecture and the FINAL exam** questions will be entirely from the textbook.
- Consist mainly of multiple choice questions, diagrams; fill in the blanks with additional short answer questions, definitions, and characterizations.
- **Lab Exams** will be from the lab manual, models, handouts, torso.
- Definition, processes, and diagrams from the lab manual a must in the lab exams.
- Also included are models, charts, and other handouts.
Scantron

- Multiple choice questions will be machine graded.
- Each student must buy their scantron sheets from the bookstore, one for each exam.
- Bring a Number 2 pencil.
- Please completely erase the wrong choices you made on scantron.
- Do not crumple the scantron
- No points will be given after the scantron is handed to you.
Attendance

- Attendance for lab and lecture is a must.
- Points are awarded for the attendance.
- Be on time
- Time limited lab and lecture exams
- Exams will be during the first period
Makeup Policy

• There will be **NO make-ups** for missed Lab exams.
• Lecture makeups is only based on a valid excuse.
• No more than two quizzes (lab and lecture) will be allowed unless if it is not under your control.
• Only there will be exception to certain circumstances
General Rules and Regulations

• Lab Coat, Goggles, and Gloves are required during lab.
• Closed toed shoes is required to be worn in the lab.
• Students with improper footwear- sandals, flip flops and other open toed shoes will not be allowed in the lab.
Disability and Pregnancy

• If you have a diagnosed and documented disability, which may cause you with any part of this course, please see me as soon as possible so we can discuss options and make alternate arrangements where necessary.
• If you are pregnant, please talk to Dean or me as soon as possible.
• Lab Safety- movie
Textbook Rentals

• [www.chegg.com](http://www.chegg.com)
• [www.campusbookrentals.com](http://www.campusbookrentals.com) [www.whyrentbooks.com](http://www.whyrentbooks.com)
<table>
<thead>
<tr>
<th>TYPE OF ACCIDENT ACTION TO TAKE UNTIL HELP ARRIVES</th>
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<tbody>
<tr>
<td><strong>Chemical spill on surface or floor.</strong></td>
</tr>
<tr>
<td><strong>Broken glass on work surface or floor.</strong></td>
</tr>
<tr>
<td><strong>Chemical spill on skin, clothes, hands, eyes</strong></td>
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<tr>
<td><strong>Thermal Burns</strong></td>
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<tr>
<td><strong>Cuts, punctures, gashes</strong></td>
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<tr>
<td><strong>Asphyxiation or poisoning</strong></td>
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<tr>
<td><strong>ELECTRICAL SHOCK</strong></td>
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<tr>
<td><strong>FIRE OR EXPLOSION</strong></td>
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