# NAS 162 Fall 2015 Lab Schedule 16 week

<table>
<thead>
<tr>
<th>Lab</th>
<th>DATES</th>
<th>TOPIC</th>
<th>LAB EXERCISES</th>
</tr>
</thead>
</table>
| 1   | Aug 27 | Introduction  
Library database search demonstration  
Lab Safety - Print from lab website | |
| 2   | Sept 3 | Respiratory System | Ex. 13 |
| 3   | Sept 10 | Nervous Tissue  
Spinal Cord,  
Spinal Nerves & Reflexes | Ex. 8; p. 191-194  
Ex. 8; p. 203-205  
Ex. 8; p.211-216 |
| 4   | Sept 17 | Brain  
Cranial Nerves  
**GOGGLES REQUIRED** | Ex. 8; p.195-202  
Ex. 8; p. 206-210 |
| 5   | Sept 24 | Lab Practical 1 (30 points)  
General Sensation  
Special Senses | Ex. 9; p. 241-242  
Ex. 9 P. 223-240 |
| 6   | Oct 1  | Endocrine System  
Cardiovascular System- Heart  
**GOGGLES REQUIRED** | Ex. 10; p. 247-262  
Ex.11, p.265-279 |
| 7   | Oct 8  | Cardiovascular System-Blood Vessels  
Cardiovascular System- Blood | Ex.11, p280-305  
Ex.12, p307-326 |
| 8   | Oct 15 | Lymphatic System | Ex.12, p327-334 |
| 9   | Oct 22 | Lab Practical 2 (30 points)  
Digestive System  
**GOGGLES REQUIRED** | Ex.14 |
| 10  | Oct 29 | Urinary System  
**GOGGLES REQUIRED** | Ex. 15 |
| 11  | Nov 5  | Group term assignment due (40pts)  
(paper and oral presentation) | ---- |
| 12  | Nov 12 | Reproductive System and development | Ex. 16 |
| 13  | Nov 19 | Lab practical 3 (30 points) | ---- |
| 14  | Nov 26 | THANKSGIVING – NO LAB | |
| 15  | Dec 3  | Fetal pig Dissection  
**GOGGLES REQUIRED** | Quiz on reproductive system (10pts)  
Quiz on Fetal Pig (10 points) |
| 16  | Dec 10 | TBA | |

***** YOU MUST BRING YOUR TEXTBOOK TO EACH LAB *****  
ALL WRITTEN WORK OUTSIDE OF LAB MUST BE TYPED UNLESS OTHERWISE INSTRUCTED  
Books and Materials: The required text *Exploring Anatomy and Physiology in the Laboratory Core Connections by Amerman* is available for purchase at the Alexandria Campus bookstore. You must also provide your own essentials: fetal pigs, safety goggles, notebook paper, writing utensils, permanent markers, erasers, metric rulers, calculators, & gloves. Please only bring in Nitrile Glove, NO LATEX. Chemical splash and impact resistant safety goggles are **MANDATORY** for specific laboratory exercises, as noted on the schedule and are available at the bookstore.

**Grading:** Your lab grade accounts for 30% of your total grade in NAS 162. In order to pass NAS 162, you must pass both the lecture and laboratory portions of the class. You will have three lab practical each worth 30. The group term paper and oral presentation are worth a total of 40 points. Also you will have a quiz on reproductive system and development and a quiz on fetal pig each worth 10. Therefore, your laboratory grade will be based on the 40 point paper/presentation, your three lab practical (90 pts) and two quizzes (20 pts). **You must attend and participate in a laboratory exercise to be eligible to take the quiz or submit the required assignment.** If you miss a lab which contains a practical or quiz, you will have a grade of zero for it. If you do not complete the term paper and oral presentation, you will receive a zero for that assignment.

**Attendance:** You are expected to attend your scheduled lab section each week on time. There will be **NO** make up labs. **If you are more than 10 minutes late, you will not be permitted to participate in lab that day, and it will count as an absence.** You cannot perform lab exercises if you are not present for the pre-lab introductory explanations. **Your instructor will take attendance each week, and if you were not present to do the lab work, written assignments about that work will not be accepted the following week.**

**Special Needs and Accommodations:** Please inform the instructor of any special problems or needs **at the beginning of the semester.** If you are seeking accommodations based on a disability, **you must provide a Disability Data Sheet** that can be obtained from the counselor for special needs.

**Care and Maintenance of the Laboratory:** It is essential in the science laboratory to keep all working areas, equipment, and supplies clean, neat, and in good condition. **You are expected to clean up after each lab and to treat all equipment and supplies with care.** Your instructor will check the lab after each session, and if it is not cleaned appropriately **10% will be deducted from the grade of every student in the class for that lab.**

**Cheating:** Cheating on quizzes and laboratory work where you are expected to do your own work is not acceptable. Anyone caught cheating on a quiz or other lab work will automatically fail the laboratory portion of the course.

**Appropriate Footwear & Clothing:** Students are required to wear the provided lab aprons when in the lab. Long hair should be tied back; this applies to all labs performed. Furthermore, **APPROPRIATE SHOES ARE REQUIRED AT ALL TIMES!** Shoes that are unacceptable include (but are not limited to) the following: sandals, open-toed, slippers, Crocs, spike heels or shoes that do not provide full coverage of the foot. You will be required to leave the laboratory if you are wearing inappropriate shoes, and the absence will be counted as a ‘zero.’

**Personal Items:** During your lab, please use the back tables to store coats and books that are not used in class; these **must not** be placed on the lab tabletops. Also, **NO FOOD OR DRINKS** are allowed in the lab!!!

**You will be required to leave the lab for any of the following reasons:**
- If you are **10 or more minutes** late for the lab class
- If you are wearing sandals, open-toed, or otherwise inappropriate shoes
- If you are not wearing goggles when directed to do so
- If you are not wearing an apron
- If your behavior is inappropriate or endangers others

**THERE WILL BE NO EXCEPTIONS TO THESE REGULATIONS!**
If you are asked to leave the lab, it will count as an absence.