

**ANS3319C – Reproductive Physiology and Endocrinology in Domestic Animals  
Lecture Syllabus (Fall 2020)**

**Course coordinator:**

Dr. Brad Daigneault

Office Hours: M, W, F @ 10:30 –11:30 AM via [ZOOM](#)

Room 204C “Red” Larson Bldg, Animal Sciences

[b.daigneault@ufl.edu](mailto:b.daigneault@ufl.edu)

Ph: 352-273-2021

**Laboratory instructor:**

Justin Callaham

Office Hours: W, F @ 1:00 PM and by appointment.

Room 210E Animal Science building

[callaham@ufl.edu](mailto:callaham@ufl.edu)

Ph: 352-294-6754 | [ZOOM Call](#) | [Online Chat](#)

**Lectures:** Monday, Wednesday, & Friday (Period 3) 9:35 – 10:25 AM

All lectures will be live streamed via Zoom. Recording of Zoom sessions is not permitted. Link for live streaming is below (also accessible by Canvas under Zoom Conferences tab):

[ANSC 3319C Zoom Lectures](#) - Password: 3319C

**Attendance:** Lecture content will be released prior to the date of given lecture located under the **Modules** tab in Canvas. Please note that this content is not comprehensive and will therefore require Zoom attendance for full material. Make-up exams and assignments are not permitted without prior approval or Medical notice.

**Labs:**

Monday, 12:50 – 2:45 (Periods 6 & 7), 3:00 – 4:50 (Periods 8 & 9)

Tuesday, 12:50 – 2:45 (Periods 6 & 7), 3:00 – 4:50 (Periods 8 & 9)

Our class sessions may be audio visually recorded for students in the class to refer back and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

**Course Objectives:**

1) Familiarize students with concepts in reproductive anatomy, physiology, & endocrinology of male and female domesticated animals including the cow, pig, horse, sheep, cat, dog, and human.

- 2) Introduce and discuss the systemic production, regulation and interactions of of reproductive hormones including synthesis, and transport with emphasis on regulation of reproductive processes of male and female domesticated animals, livestock and humans.
- 3) Utilize the knowledge learned from Objectives 1 and 2 to introduce and discuss reproductive management practices that optimize reproductive efficiency of domesticated animals and humans.

### **Textbook:**

*"Pathways to Pregnancy and Parturition"* (3rd Edition 2012, P. L. Senger) is required since lecture material will be based directly on book content in addition to use of pictures & diagrams. Due to COVID19, UF Libraries will not allow hard copy reserves to be distributed. A laboratory manual will be distributed in class and posted on Canvas. Students are responsible for reading handouts before lab and bringing handouts to lab.

### **Grading & Exams:**

All lecture graded activities will be conducted online. Quizzes and assignments will be posted under the Assignment tab, submitted and grades posted on the Canvas website <https://ufl.instructure.com/>. All exams will be proctored using Honorlock <https://elearning.ufl.edu/keep-teaching/online-proctoring-using-honorlock/>. Students should become familiar and adept at using both interfaces. Reliability and preparation of internet connections are the student’s responsibility. The use of different interfaces for graded activities may change at the instructor’s discretion.

Honorlock will proctor your exams this semester. Honorlock is an online proctoring service that allows you to take your exam from the comfort of your home. You DO NOT need to create an account, download software or schedule an appointment in advance. Honorlock is available 24/7 and all that is needed is a computer, a working webcam, and a stable Internet connection.

To get started, you will need Google Chrome and to download the Honorlock Chrome Extension. You can download the extension at [www.honorlock.com/extension/install](http://www.honorlock.com/extension/install). When you are ready to test, log into the LMS, go to your course, and click on your exam. Clicking Launch Proctoring will begin the Honorlock authentication process, where you will take a picture of yourself, show your ID, and complete a scan of your room. Honorlock will be recording your exam session by webcam as well as recording your screen. Honorlock also has an integrity algorithm that can detect search-engine use, so please do not attempt to search for answers, even if it's on a secondary device.

Good luck! Honorlock support is available 24/7/365. If you encounter any issues, you may contact us by live chat, phone (844-243-2500), and/or email ( [support@honorlock.com](mailto:support@honorlock.com) ). If you encounter issues within the LMS, you may contact Your School's Online Support Services team at their number.

Your final grade will consist of lecture exams, online quizzes, lab exercises, and a comprehensive final exam. **All exams and quizzes are closed book and do not permit additional resources - including cell phones.** Actual grades on all exercises will be the sum of the points received for correct responses as a percentage of total points possible. Final course grades will be based on the following percentage grade scale:

|           |            |           |           |           |           |           |           |      |
|-----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|------|
|           | <b>B+</b>  | 86.7-89.9 | <b>C+</b> | 76.7-79.9 | <b>D+</b> | 66.7-69.9 | <b>F</b>  | < 60 |
| <b>A</b>  | ≥94        | <b>B</b>  | 83.3-86.6 | <b>C</b>  | 73.3-76.6 | <b>D</b>  | 63.3-66.6 |      |
| <b>A-</b> | ≥90 to <94 | <b>B-</b> | 80.0-83.2 | <b>C-</b> | 70.0-73.2 | <b>D-</b> | 60.0-63.2 |      |

\*Note that grades will not be rounded unless the instructor notes a universal change in the grading scale. For example, an 83.69 will be recorded as a B.

| <b>Final Grade Components</b>  | <b>points</b> | <b>% final grade</b> |
|--|---------------|----------------------|
| Three lecture exams (100 pts each)   | 300           | 40%                  |
| Four online quizzes (25 pts each)  | 100           | 15%                  |
| Lab grade (8 labs @ 50 pts each, two lab exams @ 200 pts each<br>(see page 8 for more detail)) | 800           | 25%                  |
| Comprehensive final exam (200 pts)   | 200           | 20%                  |

Information regarding University Policy on grade point equivalencies and calculation of grade points is located at (<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>).

## **Lecture Exam Dates:**

**Exam 1:** Oct 2<sup>nd</sup> (Fri); **Exam 2:** Oct 30<sup>th</sup> (Fri); **Exam 3:** Nov 23<sup>rd</sup> (Mon).  
*exam dates are tentative and can change at the discretion of the instructor.*

*Lecture*

**Final Exam:** December 17<sup>th</sup> (Monday @ 12:50-2:45 PM).

Exam and quiz questions will be true/false, multiple choice, matching, short answer, and essay. For short answer and essay questions, a legible, organized, concise and grammatically correct answer will be expected in order to receive full credit. Outlining answers into pertinent points is acceptable and the suggested method of answering questions provided that the interrelationships between points are indicated. Lecture exams/quizzes will cover all material presented in the textbook, lecture, and lab take-home messages, and worksheets.

Quizzes will be taken online through Canvas outside of class. Student's will be provided ~5-7 days notice prior to due date of quizzes. Quizzes will be available online for 24 hours and can only be taken once.

## **Important Dates**

### No class

September 7<sup>th</sup> (Labor Day)

November 11<sup>th</sup> (Veterans Day)

November 25<sup>th</sup> - 28<sup>th</sup> (Thanksgiving)

December 24<sup>th</sup> (Homecoming)

### Other significant dates:

Consult for a complete current info: <https://catalog.ufl.edu/UGRD/dates-deadlines/2020-2021/#fall20text>

- August 31st: Class begins.
- November 23<sup>rd</sup> : End of drop/add.
- November 23<sup>rd</sup>: Deadline to withdraw without receiving failing grades. Deadline to drop a course by petition without receiving a WF grade.
- December 9<sup>th</sup> Classes End
- December 10<sup>th</sup> -11<sup>th</sup>: Reading days
- December 17<sup>th</sup> Final exam

## Lecture Schedule

The schedule below is tentative regarding the dates and topics. The schedule may change at the instructor's discretion and class pace with modifications made for Zoom.

| Week | Date                 | Assignment          | Topic  | Sanger Text           |
|------|----------------------|---------------------|--|-----------------------|
| 1    | 08/31 – 09/04        |                     | Introduction / Female Anatomy                      | Ch 1, 2 (10-43)       |
| 2    | 09/09 – 09/11        |                     | Female Anatomy / Male Anatomy                      | Ch 2, 3 (44-79)       |
| 3    | 09/14 – 09/18        |                     | Male Anatomy / Reproductive Endocrine System       | Ch 2, 5 (100-125)     |
| 4    | 09/21 – 09/25        |                     | Reproductive Endocrine System                      | Ch 5, 6 (126-139)     |
| 5    | 09/28 – 10/02        |                     | Puberty, Mating Behavior                           | Ch 6,11(228-253)      |
|      | <b>10/02</b>         | <b>Exam 1 (Fri)</b> |  | Ch 1-6 & 11           |
| 6    | 10/05 – 10/09        |                     | Reproductive Cyclicality, Follicular Phase         | Ch 7 ,8 (140-179)     |
| 7    | 10/12 – 10/16        |                     | Follicular & Luteal Phase                          | Ch 8, 9 (160-201)     |
| 8    | 10/19 – 10/23        |                     | Luteal Phase, Spermatogenesis                      | Ch 9,10(202-227)      |
| 9    | 10/26 – 10/30        |                     | Spermatogenesis                                    | Ch 10 (202-227)       |
|      | <b>10/30</b>         | <b>Exam 2 (Fri)</b> |  |                       |
| 10   | 11/02 – 11/06        |                     | Sperm Transport, Early Pregnancy                   | Ch 12,13(253-289)     |
| 11   | 11/09 – 11/13        |                     | Maternal Recognition of Pregnancy<br>Embryogenesis | Ch 13<br>Ch 4 (80-99) |
| 12   | 11/16 – 11/20        |                     | Embryogenesis, Placentation, Gest, Part            | Ch 4,14 (292-313)     |
| 13   | <b>11/23</b> – 11/27 | <b>Exam 3 (Mon)</b> | Placentation, Gest, Part / Fetal Growth            | Ch 14                 |
| 14   | 11/30 – 12/04        |                     | Parturition and Postpartum Period /<br>Lactation   | Ch 15 (313-333)       |
| 15   | 12/07 – 12/09        | <i>Reading Days</i> |  |                       |
| 16   | <b>12/17</b>         | <b>Final Exam</b>   | Monday 12:30 – 2:30 PM                             |                       |

# ANS3319C – Reproductive Physiology and Endocrinology in Domestic Animals

## Laboratory Syllabus (Fall 2020)

### COVID 19 Experiential Lab Statement

We will have face-to-face instructional sessions to accomplish the student learning objectives of this course. In response to COVID-19, the following policies and requirements are in place to maintain your learning environment and to enhance the safety of our in-classroom interactions.

All students and instructors will be required to observe the conditions below to participate in the experiential learning activities for this course.

- You are required to wear approved face coverings at all times during class and within buildings. Following and enforcing these policies and requirements are all of our responsibility. Failure to do so will lead to a report to the Office of Student Conduct and Conflict Resolution.
- This course has been assigned a physical classroom with enough capacity to maintain physical distancing (6 feet between individuals) requirements. Please utilize designated seats and maintain appropriate spacing between students. Please do not move desks or stations.
- Sanitizing supplies are available in the classroom if you wish to wipe down your desks prior to sitting down and at the end of the class.
- Follow your instructor's guidance on how to enter and exit the classroom. Practice physical distancing to the extent possible when entering and exiting the classroom.
- If you are experiencing COVID-19 symptoms ([Click here for guidance from the CDC on symptoms of coronavirus](#)), please use the UF Health screening system and follow the instructions on whether you are able to attend class. [Click here for UF Health guidance on what to do if you have been exposed to or are experiencing Covid-19 symptoms](#).
- Course materials will be provided to you with an excused absence, and you will be given a reasonable amount of time to make up work. [Find more information in the university attendance policies](#).

The instructor(s) reserves the right to end class, cancel daily lab activities, and/or move labs into an alternate format and grading scheme pending failure to adhere to the following requirements.

### Required Personal Protective Equipment (PPE)

- CDC recommended face covering that **covers both the mouth and nose**. You should not be able to see through it. (student provided)
- Safety glasses (lab provided) or prescription eye wear (student provided)
- Face shield is not a suitable substitute for a face mask in this lab. Face shields may be worn in addition to a face mask and in place of safety glasses. (Student must provide)
- Temperature check prior to entering lab. If over 100.0, you will not be allowed in or return to lab until you have seen a doctor or 14 days have passed. (lab provided)

**No face covering exemptions will be observed.**

**If you are or have experienced any of the following in the last 14 days...**

### STAY HOME

- If you have or had a fever over 100.0°F.
- Loss of taste or smell.
- Cough
- Sore throat

- Nausea, vomiting, or diarrhea
- Have been in contact with someone positive for Covid.
- Fatigue and/or headaches
- Have traveled on a cruise or internationally.

## **DO NOT ENTER A LABORATORY FACILITY IF YOU FEEL SICK.**

### **Standard Operating Procedure**

- PPE must be applied before entering ANS155 or other indoor/outdoor facilities for class.
- When entering lab...
  - Face covering that covers both mouth and nose must be worn.
  - Wash hands
  - Get temperature checked.
- Do not intermingle with other groups. Groups should remain at their designated stations.
- Students are grouped in 2-3's during dissections and microscope work. **DO NOT** change groups.
- When conducting assigned work, small groups should maintain as much distance as possible. Do not hover over each other. There should be adequate space around your dissection trays.
- Do **NOT** remove PPE while in a group setting. If students need to remove PPE, they must step outside and follow procedures upon reentering group activities.

### **What if I feel sick or get sick?**

- **DO NOT** attempt to come to an in-person lab.
- See a health care provider and notify Justin Callaham immediately.
- Students will be able to make work up in the physical lab as needed outside of class or can elect to have an at home kit provided to them if they are under quarantine. You will need to work with Justin Callaham to determine the best and available options and provide appropriate medical notification.
- Pending prior approval, students should visit with the instructor to establish the ability to join the lab period synchronously via ZOOM. You may still be able to get the days instruction and interact with the class. If WIFI is available at the units, the lab may be streamed synchronously at the farms as well.
- ALL DUE DATES remain the same unless students have sought alternate accommodation approved by Justin Callaham.
- Obviously, flexibility will be important in these cases. We will do what is necessary to ensure your success and safety in laboratory activities if COVID impacts a student.

### **Student Behavioral Expectations**

The university has released a policy regarding student behavioral expectations in response to covid-19. Please view them at <https://policy.ufl.edu/policy/student-behavioral-expectations-in-response-to-covid-19/> .

# GENERAL LABORATORY INFORMATION

## Lab Section and Group Meeting Times:

Monday: 12:50 - 2:45 PM (Section 10520 / 07H0)

Monday: 3:00 - 4:55 PM (Section 10521 / 07H1)

Tuesday: 12:50 - 2:45 PM (Section 10465 / 07HG)

Tuesday: 3:00 - 4:55 PM (Section 10466 / 07HH)

## Laboratory Instructor:

Justin Callaham

Office Hours:

Room 210E Animal Science building

[callaham@ufl.edu](mailto:callaham@ufl.edu)

Ph: 352-294-6754

**Log into Canvas to interact via my digital office. There are modes to zoom, live chat, and set an appointment with me.**

## Laboratory Objectives

- The primary objectives of lab are to provide hands-on activities with live animals, dissection of tissues harvested from deceased animals, and operating laboratory and technical equipment frequently used in reproductive biology.
- To provide experiential learning that includes manipulation, dissection, animal handling and laboratory techniques concerning the anatomy and physiology of reproductive physiology in large animals.
- To develop skills and understanding of the basic principles of collection, evaluation, extension, and freezing of semen from farm animals.
- To introduce the concept of early embryonic development and provide hands-on experience dissecting pregnant reproductive tracts from the bovine and porcine.
- To develop skills and understanding of estrous synchronization, artificial insemination, embryo collection, embryo freezing, reproductive ultrasonography, and pregnancy diagnosis in the bovine, porcine, and equine species.

## Weekly Laboratory Activities

- **Interactive lab manual with Mediasite and PlayPosit activities** – the lab will utilize a digital lab manual that provides general reading with embedded general discussion videos and graded interactive video assignments. These activities will be accessed through CANVAS.
- **Face-2-Face (F2F) laboratory activities** – **students must attend their specific enrolled section** to participate in face to face activities. Each lab topic has a corresponding F-2-F lab activity. Review the laboratory schedule for dates, locations, and topics for these F-2-F sessions.
- **Take Home Messages** – each lab topic has an associated homework assignment designed to ensure students retention of important information that should be taken away from each week's lab. These assignments will assist students in preparing for the 2 lab practical examinations.
- Lab activities will include dissection of tissues including the cow and sheep brain, female and male reproductive tracts, and other tissues obtained from the abattoir. You will be required to dissect and study these tissues in lab. The utilization of live animals and dissection of tissues are central to effective learning and enhancement of your lab experience. **For whatever reason(s) you feel unable to work**

with live animals and animal tissue used for dissection, and (or) participate in any lab activities, contact Mr. Callaham at the start of the semester to discuss these issues.

## Assignment Deadlines and Submittals

- All handwritten worksheets and homework must be completed and uploaded to the appropriate assignment in Canvas. PlayPosit activities are automatically graded and added to Canvas for students no upload required.
- All readings, worksheets, and Take Home Messages will be available the Thursday prior to each scheduled lab.
- **Review Lab Schedule for assignment availability and specific course section deadlines.**
- **LATE HOMEWORK Assignments will be accepted for 24 hours after the due date with a 30% deduction.**
- Students will need to download a digital document scanner such as Adobe Scan, etc. or have an alternate means of scanning handwritten assignments into \*.pdf files for upload to Canvas.

Dropbox, OneDrive, and Google Drive have built in document scanners that save documents to those cloud storage systems without needing an additional app on a phone or tablet. Students have free access to all 3 of these cloud storage options.

## Grading:

- Lab is worth **25%** of your **final** course grade.
- Each lab is worth a total of 50 points each with 2 practical exams worth 200 points each. *The table below details assignments and point value specifics.*
- Your lowest lab grade during the semester (**excluding the lab practicum and final lab exam**) will be dropped from your lab grade.
- Attendance is vital to students' success and understanding of lab materials in preparation for the 2 lab practical exams. **If you have 3 or more unexcused lab absences (after the drop) you will receive an "E" for the course.**

### Grading Points and Percentages

|  | <u># of Assignments</u> | <u>Points</u> | <u>Total Sem. Points<br/>(% of lab grade)</u> |
|--|-------------------------|---------------|---|
| 1. Interactive Reading/PlayPosit       | 8                       | 10            | 80 pts (10%)                                  |
| 2. In Lab Worksheets/Lab Participation | 8                       | 20            | 160 pts (20%)                                 |
| 3. Take Home Messages                  | 8                       | 20            | 160 pts (20%)                                 |
| 4. Practical Exams                     | 2                       | 200           | 400 pts (50%)                                 |
| <b>Total Points Available</b>          |                         |               | <b>800</b>                                    |

## Attendance and Make Up Policies:

- There will be no make-up labs during the semester. Any lab missed for reasons other than those listed below will not be excused and a grade of "0" will be recorded. All requests to be excused from a lab must be submitted to Mr. Callaham either in writing or requested by email. This policy will be strictly enforced.
- Excused absences include: 1) Absence for a university-approved field trip or activity (must be cleared one week in advance). 2) Absence for a death (verification by obituary if requested) or serious illness in family. 3) Absence resulting from personal illness (verification consisting of a letter of explanation from



hospital or doctor on official letterhead). Please review the excuse note policy of the Student Health Care Center (<http://shcc.ufl.edu/forms-records/excuse-notes/>).

- If you need to attend a lab other than your scheduled lab, please contact Mr. Callaham either in person, or by email to request a change of lab giving a reasonable reason for the change. Failure to do so will result in a “0” grade for that lab.
- Request to re-grade a take-home message must be made within one week from the date the take-home message is returned in lab. Grade challenges must be submitted in writing, attached to the exam, and returned to the lab instructor.

## **Working with Livestock**

Working with livestock will require students to adhere to handling practices provided by the instructor either in written or verbal format. Animals are capable of injuring people, especially when they are in the flight or fight mode inspired by a stressful situation. The instructors will work to provide students with the ability to manage livestock with minimal stress, thus lowering the risk of injury to people and animals.

## **Biosafety and Biosecurity**

- The biosafety and biosecurity of animals and students is a top priority for laboratory activities. Disease transmission can have severe negative consequences on animal and human health that can also be fiscally taxing. To prevent disease transmission, you may not participate in a lab conducted at one of the UF animal facilities if you have been on a different commercial farm with the previous 48 hrs. Please contact Dr. Daigneault or Mr. Callaham if you have specific concerns. Some laboratory activities may require you to bring clean rubber boots that must be washed and disinfected prior to laboratory activities. You must also complete the biosecurity exercise prior to participation in labs conducted at animal units. The use of cell phones or cameras at animal facilities is not permitted without receiving written permission. Instructors and TA’s may dismiss students from a lab for violation of biosecurity procedures.

## **Locations:**

Laboratories will be held at several locations including room 155 Animal Sciences, Dairy Unit, Beef Teaching Unit, Swine Teaching Unit, and Horse Teaching Unit. Please refer to the lab schedule to determine where lab will be each week. Refer to this link for unit locations <https://animal.ifas.ufl.edu/facilities/>.

**Transport is NOT provided.** Swine Unit and Beef Unit have bus service.

## Laboratory Schedule

| Lab | Week          | Location      | Topic   | Dates & Deadlines  |
|-----|---------------|---------------|---|--|
| 1   | 8/31 – 9/1    | ANS 155       | Female Macro & Microscopic Reproductive Anatomy                             | Available: Aug 26, 11:59 PM<br><b>Due Date (Sections):</b><br>Sept 1, 11:59 PM (7020, 9347)<br>Sept 2, 11:59 PM (9350, 9358) |
|     | 9/7 – 9/8     | <b>No Lab</b> | <b>HOLIDAY</b>  |  |
| 2   | 9/14 – 9/15   | ANS 155       | Male Macro & Microscopic Reproductive Anatomy                               | Available: Sept 9, 11:59 PM<br><b>Due Date:</b><br>Sept 15, 11:59 PM (7020, 9347)<br>Sept 16, 11:59 PM (9350, 9358)          |
| 3   | 9/21 – 9/22   | ANS 155       | Brain, Hypothalamic, and Pituitary Anatomy                                  | Available: Sept 16, 11:59 PM<br><b>Due Date:</b><br>Sept 22, 11:59 PM (7020, 9347)<br>Sept 23, 11:59 PM (9350, 9358)         |
| 4   | 9/28 – 9/29   | ANS 155       | Review session (*attendance counts) Biosafety & Biosecurity                 | Available: Sept 23, 11:59 PM<br><b>Due Date:</b><br>Sept 29, 11:59 PM (7020, 9347)<br>Sept 30, 11:59 PM (9350, 9358)         |
| 5   | 10/5 – 10/6   | ANS 155       | <b>Lab Practicum Exam</b><br>(Material from first 3 LABS)                   |  |
| 6   | 10/12 – 10/13 | SWINE UNIT    | Semen Collection & Artificial Insemination: Porcine                         | Available: Oct 7, 11:59 PM<br><b>Due Date:</b><br>Oct 13, 11:59 PM (7020, 9347)<br>Oct 14, 11:59 PM (9350, 9358)             |
| 7   | 10/19 – 10/20 | HORSE UNIT    | Semen Collection & Artificial Insemination: Equine                          | Available: Oct 14, 11:59 PM<br><b>Due Date:</b><br>Oct 20, 11:59 PM (7020, 9347)<br>Oct 21, 11:59 PM (9350, 9358)            |
| 8   | 10/26 – 10/27 | ANS 155       | Principles of Semen Processing  | Available: Oct 21, 11:59 PM<br><b>Due Date:</b><br>Oct 27, 11:59 PM (7020, 9347)<br>Oct 28, 11:59 PM (9350, 9358)            |
| 9   | 11/2 – 11/3   | TBD/ICBR?     | Principles of Cell Sorting and Sexing Semen - Seminar                       |  |
| 10  | 11/9 – 11/10  | ANS 155       | Embryology and Embryo Transfer  | Available: Nov 5, 11:59 PM<br><b>Due Date:</b><br>Nov 10, 11:59 PM (7020, 9347)<br>Nov 11, 11:59 PM (9350, 9358)             |
| 11  | 11/16 – 11/20 | BTU/HTU???    | Early Embryonic and Fetal Development and Pregnancy Diagnosis by Ultrasound | Available: Nov 11, 11:59 PM<br><b>Due Date:</b><br>Nov 17, 11:59 PM (7020, 9347)<br>Nov 18, 11:59 PM (9350, 9358)            |
| 12  | 11/23 – 11/24 |               | <b>HOLIDAY – STUDY WEEK</b>   |  |
| 13  | 11/30 – 12/1  | TBD           | <b>COMPREHENSIVE LAB EXAM</b><br>(Material from all 12 weeks)               |  |

## **ADDITIONAL COURSE INFORMATION**

### **Academic Honesty:**

As a student at the University of Florida, you have committed yourself to uphold the Honor Code. UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.” The Honor Code specifies a number of behaviors that are in violation of this code and the possible sanctions. [Click here to read the Honor Code](#). Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

Students will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: <http://www.dso.ufl.edu/SCCR/honorcodes/honorcode.php>

### **Disability Issues:**

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the disability Resource Center. [Click here to get started with the Disability Resource Center](#). It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

### **Software Use:**

All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

### **Campus Assistance Resources:**

Students experiencing crises or personal difficulties that interfere with general well-being are encouraged to utilize the university’s resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students experiencing difficulties or lacking clear career or academic goals, which interfere with their academic performance:

#### Health and Wellness Resources

*U Matter, We Care:* If you or someone you know is in distress, please contact [umatter@ufl.edu](mailto:umatter@ufl.edu), 352-392-1575, or visit [U Matter, We Care website](#) to refer or report a concern and a team member will reach out to the student in distress.

*Counseling and Wellness Center:* [Visit the Counseling and Wellness Center website](#) or call 352-392-1575 for information on crisis services as well as non-crisis services.

*Student Health Care Center:* Call 352-392-1161 for 24/7 information to help you find the care you need, or [visit the Student Health Care Center website](#).

*University Police Department:* [Visit UF Police Department website](#) or call 352-392-1111 (or 9-1-1 for emergencies).

*UF Health Shands Emergency Room / Trauma Center:* For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road,

Gainesville, FL 32608; [Visit the UF Health Emergency Room and Trauma Center website.](#)

## Academic Resources

*E-learning technical support:* Contact the [UF Computing Help Desk](#) at 352-392-4357 or via e-mail at [helpdesk@ufl.edu](mailto:helpdesk@ufl.edu).

*[Career Connections Center](#):* Reitz Union Suite 1300, 352-392-1601. Career assistance and counseling services.

*[Library Support](#):* Various ways to receive assistance with respect to using the libraries or finding resources.

*[Teaching Center](#):* Broward Hall, 352-392-2010 or to make an appointment 352- 392-6420. General study skills and tutoring.

*[Writing Studio](#):* 2215 Turlington Hall, 352-846-1138. Help brainstorming, formatting, and writing papers.

*Student Complaints On-Campus:* [Visit the Student Honor Code and Student Conduct Code webpage for more information.](#)

*On-Line Students Complaints:* [View the Distance Learning Student Complaint Process.](#)

If you are having problems comprehending lecture and (or) lab material or have other academic, university, or personal issues that are affecting your academic performance, please feel free to visit with the instructors to address the problem(s). Please do not wait until the end of the semester to address any difficulties you may be having.

### **Online Course Evaluation Process:**

Student assessment of instruction is an important part of efforts to improve teaching and learning. At the end of the semester, students are expected to provide feedback on the quality of instruction in this course using a standard set of university and college criteria. These evaluations are conducted online at <https://evaluations.ufl.edu>. Evaluations are typically open for students to complete during the last two or three weeks of the semester; students will be notified of the specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>.

### **Absences:**

Requirements for class attendance and make-up exams, assignments, and other work in this course are outlined herein and consistent with university policies. [Click here to read the university attendance policies.](#)

### **Make-up work:**

A student missing an exam will be allowed to make up the exam provided that a documented, valid reason for missing it exists (Please see valid excuses in lab section). Whenever possible, these problems should be discussed with the instructor in advance, preferably by email, excuse note, or handwritten note. A missed exam with no valid excuse will be considered as a "0".

### **Materials and Supplies Fee:**

Instructors may require that students supply their own personal protection equipment (PPE) as well as rubber boots and coveralls for lab-related activities.

### **Course Expectations:**

Lecture and lab attendance are highly correlated with your final grade, so it is expected that you attend both on a regular basis. Class and lab are "No Cell Phone Areas". Class and lab decorum require that you act socially, professional, treat fellow students with respect, and appreciate their viewpoints and beliefs.