

COURSE NAME; NUMBER; SEMESTER; MEETING DAYS, TIMES, AND PLACE.

Production Animal Management Laboratory

11:067:338 Spring, 2019

Wednesday Classes (W 2-3; 10:55 AM - 1:55 PM)

College Farm Road Roundhouse

CONTACT INFORMATION:

Instructor(s): Michael Westendorf

Office Location: 213F Bartlett Hall, 84 Lipman Drive

Phone: 848-932-9408 Email: Michael.westendorf@rutgers.edu

Office Hours: By Appointment

COURSE WEBSITE, RESOURCES AND MATERIALS:

- Sakai site

COURSE DESCRIPTION:

Students will attain knowledge and experience about livestock production systems. This course is a hands on course that will include field trips to local farms. An animal growth experiment will be conducted as part of the class.

LEARNING GOALS:

1. Gain a perspective for the animal agriculture industries in New Jersey. (PLG 1)
Assessment: Laboratories, Field Trips
2. Apply subject matter knowledge related to physiology, nutrition, genetics, reproduction, and economics in studying contemporary livestock systems. An animal growth trial will be conducted. (PLG 2)
Assessment: Laboratories, Field Trips
3. Develop critical thinking skills to identify both scientific and practical questions related to animal agriculture, analyze and interpret data related to those questions, and develop solutions to contemporary problems. (PLG 5)
Assessment: Analyzing data from animal growth experiment
4. Develop oral and written communication skills to effectively deliver scientific and technical information to animal agriculture practitioners and scientists as well as the public. (PLG 6)
Assessment: Paper writing and presentation.

ASSIGNMENTS/RESPONSIBILITIES, GRADING & ASSESSMENT:

Required homework and laboratory class projects will be described thoroughly in class. Included in this will be a swine growth experiment that involves all students in feeding and management of pigs in an experiment.

Class projects requiring independent work will be given. Attendance and participation and a paper are required.

Lecture:

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| Attendance | 40% |
| Animal Growth Experiment Participation | 30% |
| Papers | 30% |

Writing assignments will be based on content with consideration to technical writing.

ACCOMODATIONS FOR STUDENTS WITH DISABILITIES

Please follow the procedures outlined at <https://ods.rutgers.edu/students/registration-form>. Full policies and procedures are at <https://ods.rutgers.edu/>

ABSENCE POLICY

Students are expected to attend all classes; if you expect to miss one or two classes, please use the University absence reporting website <https://sims.rutgers.edu/ssra/> to indicate the date and reason for your absence. An email is automatically sent to me.

COURSE SCHEDULE:

Laboratory Schedule

January 23 - Overview

1. Beef Heifer Growth Study
2. Field trips
3. Embryo Transfer

January 30 - Identification Lecture

February 6 - Lecture - Environmental and Nutrient Management/Clint Burgher

February 13 - Weigh Heifers

February 20 – Riverbend Farm Field Trip

February 27 - Weigh Heifers

March 6 - Cherry Grove Farm Field Trip

March 13 - Weigh Heifers

March 27 - Weigh Heifers

April 3 - Field Trip - John Higgins Embryo Transfer

April 10 - Weigh Heifers

April 17 - Field Trip - John Higgins Embryo Transfer

April 24 - Finish growth experiment

May 1 - Growth Experiment Analysis; Class discussion

Class Projects

Term papers

Paper presentation

Swine Project - Lab Only

Group paper presentations

FINAL EXAM/PAPER DATE AND TIME

Online Final exam Schedule: <http://finalexams.rutgers.edu/>

Oral presentations only

ACADEMIC INTEGRITY

The university's policy on Academic Integrity is available at <http://academicintegrity.rutgers.edu/academic-integrity-policy>. The principles of academic integrity require that a student:

- properly acknowledge and cite all use of the ideas, results, or words of others.
- properly acknowledge all contributors to a given piece of work.
- make sure that all work submitted as his or her own in a course or other academic activity is produced without the aid of impermissible materials or impermissible collaboration.
- obtain all data or results by ethical means and report them accurately without suppressing any results inconsistent with his or her interpretation or conclusions.
- treat all other students in an ethical manner, respecting their integrity and right to pursue their educational goals without interference. This requires that a student neither facilitate academic dishonesty by others nor obstruct their academic progress.
- uphold the canons of the ethical or professional code of the profession for which he or she is preparing.

Adherence to these principles is necessary in order to ensure that

- everyone is given proper credit for his or her ideas, words, results, and other scholarly accomplishments.
- all student work is fairly evaluated and no student has an inappropriate advantage over others.
- the academic and ethical development of all students is fostered.
- the reputation of the University for integrity in its teaching, research, and scholarship is maintained and enhanced.

Failure to uphold these principles of academic integrity threatens both the reputation of the University and the value of the degrees awarded to its students. Every member of the University community therefore bears a responsibility for ensuring that the highest standards of academic integrity are upheld.

STUDENT WELLNESS SERVICES

Just In Case Web App <http://codu.co/cee05e>

Access helpful mental health information and resources for yourself or a friend in a mental health crisis on your smartphone or tablet and easily contact CAPS or RUPD.

Counseling, ADAP & Psychiatric Services (CAPS)

(848) 932-7884 / 17 Senior Street, New Brunswick, NJ 08901 / www.rhscaps.rutgers.edu/

CAPS is a University mental health support service that includes counseling, alcohol and other drug assistance, and psychiatric services staffed by a team of professional within Rutgers Health services to support students' efforts to succeed at Rutgers University. CAPS offers a variety of services that include: individual therapy, group therapy and workshops, crisis intervention, referral to specialists in the community and consultation and collaboration with campus partners.

Violence Prevention & Victim Assistance (VPVA)

(848) 932-1181 / 3 Bartlett Street, New Brunswick, NJ 08901 / www.vpva.rutgers.edu/

The Office for Violence Prevention and Victim Assistance provides confidential crisis intervention, counseling and advocacy for victims of sexual and relationship violence and stalking to students, staff and faculty. To

reach staff during office hours when the university is open or to reach an advocate after hours, call 848-932-1181.

Disability Services

(848) 445-6800 / Lucy Stone Hall, Suite A145, Livingston Campus, 54 Joyce Kilmer Avenue, Piscataway, NJ 08854 / <https://ods.rutgers.edu/>

Rutgers University welcomes students with disabilities into all of the University's educational programs. In order to receive consideration for reasonable accommodations, a student with a disability must contact the appropriate disability services office at the campus where you are officially enrolled, participate in an intake interview, and provide documentation: <https://ods.rutgers.edu/students/documentation-guidelines>. If the documentation supports your request for reasonable accommodations, your campus's disability services office will provide you with a Letter of Accommodations. Please share this letter with your instructors and discuss the accommodations with them as early in your courses as possible. To begin this process, please complete the Registration form on the ODS web site at: <https://ods.rutgers.edu/students/registration-form>.

Scarlet Listeners

(732) 247-5555 / <https://rutgers.campuslabs.com/engage/organization/scarletlisteners>

Free and confidential peer counseling and referral hotline, providing a comforting and supportive safe space.