SYLLABUS PART II
EDISON STATE COMMUNITY COLLEGE
AGR-131S Introduction to Animal Science
Fall 2026

Section/Term: AGR-131S-001FS
Instructor: Jennifer Knick
Bachelors: Agricultural Education from Wilmington College, 2003
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Phone: 937-417-0144
Office Location: 121 (Greenville Campus)
Office Hours: Monday: 12-3, Wednesday: 12-3
Class Times: Mondays and Wednesdays 1:30-3:45pm

Course Description: Introductory study of the principles of routine husbandry of livestock production in agriculture. Topics will include selection, management practices, nutrition, animal anatomy, reproductive physiology, facilities management, and socio-ethical issues. Three hours of lecture are integrated with two hours of lab activities each week. Lab fee.

Textbook: Field and Taylor, *Scientific Farm Animal Production – An Introduction to Animal Science*

Class Format: The course will use a combination of lectures, discussion, tours and activities with an emphasis on discussion and activities. Students will be responsible for assigned readings and for the lecture/discussion/activity materials. Responsibility for missed classes resides with the students.

Grades and Evaluation:
Your grade for the course will be based on the following distribution:
A (90-100) B (80-89) C (70-79) D (60-69) F (below 60)

Assignments:

Quizzes 50 points each (10 total)	500 points
Journal Responses 50 points each (8 total)	400 points
Chapter Questions 50 points each (12 total)	600 points
Temple Grandin Research Paper	200 points
Animal Issues article	100 points
Participation (10 points each class)	300 points
Breed Presentations	200 points
Final Presentation (Career in Animal Science)	200 points
Final Exam	300 points
Total	2800 points

Papers: There will be 8 papers assigned following farm visits or tours, classroom videos. The paper needs to be at least one page in length (no more than 1.5 spacing) and cover topics that you found interesting from the visit. Make sure to include at least one thing that you learned that you did not know previously. Papers will be graded based on substance and grammar.

Presentations:

1.) Individual presentations assigned during the second week of class. Individuals will choose a species/type of animal from the following list: (Beef, Dairy, Poultry-Chickens/Turkeys, Goats & Sheep, and Equine). On your assigned presentation day, you will provide the class with a 45 minute presentation on your animal, feel free to include helpful videos. This PowerPoint presentation should include common breeds, uses, husbandry specific to that animal, common diseases and ailments of the animal, disease treatment and/or prevention, bio-security (if applicable, gestation length, # of young born, terminology specific to this animal species and the major product(s) from this animal, etc. You will be graded on the scope of material covered, participation in the presentation, and questions asked of presenters. Please be creative and put some effort into this – you will be providing the class with a large amount of knowledge that they will be tested over. Please provide a brief handout/guided notes because this will be helpful to your classmates.

2). Animal Issues article/discussion. Please find an article dealing with an issue in Animal agriculture. You will share this article with the class and have an active discussion over the article. Turn the article into me after the discussion. **This article is due September 23rd.**

3). Temple Grandin research paper. This woman has done a tremendous amount for the livestock industry including research and understanding how animals think. I have read a few of her books and her research and advice has helped me understand why pigs do what they do. In your paper please include who this woman is, how she got where she is today, what she does, her background, experiences, what she has done for the livestock industry, etc. This paper needs to be 3-4 pages in length, no more than 1.5 spacing, Times New Roman font, double spaced. Please include an additional page for resources. ***This paper is due November 16th.***

4). Brief individual presentations on a career in animal science that you have researched. You will need to interview at least one person in that field and discuss what you learned from them, what this person does, why you are or are not interested in that career, starting salary for that career in this area, what they do in a typical day, etc. Topics must be pre-approved by the instructor. There will need to be a minimum of 2 reputable, cited sources. Presentations will be approximately 8- 10 minutes long with up to 5 additional minutes allowed for questions. Students will be graded on their presentations and on questions asked of others. ***Due November 30th.***

Behavior and Participation:

Use common sense when it comes to classroom rules. No cell phones, texting, Facebook, Twitter, etc. If you are disruptive, I will ask you to leave and you will not get credit for the day.

Be respectful of each other. Argument and debate are an important part of classroom discussions. However, putting someone down or not considering others' ideas is not acceptable behaviors. Give everyone equal attention and respect during discussions.

Bring your books, something to take notes with, and the most recent drafts of your assignments to class every day.

Attendance:

Attendance is required in this class, not for my benefit, but for yours. Good attendance is one of the main concerns of employers. Being present and participating in classroom activities will greatly contribute to your learning experience. We will be doing work in class and it will be beneficial to your grade if you are there. Plan to attend. High school students are required to attend even if your local high school is not in session that day. Circumstances sometimes arise that require you to miss class. If you need to miss class, you will be responsible for any material you may have missed. I expect you to be prepared for the next class. Any work done in class (group activities, peer reviews, etc.) cannot be made up. If you miss class, you miss the opportunity to earn those points. Coming in late or leaving early is disruptive to the class. If you must come in late or leave early, do so in the least disruptive manner possible.

Submitting Assignments:

Assignments will be turned in via Blackboard. Assignments need to be your own work. If I feel that an assignment has been plagiarized, I can submit it to Turnitin. Turnitin will compare it to thousands of documents on the internet. We will go over how to submit assignments in class.

Save your work in more than one place: your computer hard drive, a memory stick/flash drive, or burn to a CD. Computer crashes happen and do not excuse you from meeting deadlines.

Late Work:

Deadlines need to be met. Do your best to stay on top of your assignments.

I will accept major assignments up to one week late. However, 10% will be deducted from the grade. No other assignments will be accepted late. Exceptions may be made on an individual basis.

Plagiarism and Academic Integrity:
Edison Community College expects students to submit original work for each assignment. The Student Handbook http://www.edisonohio.edu/index.php?page=student-handbook, pages 48-51 clearly defines academic dishonesty and how Edison handles cases of academic dishonesty.

Plagiarism is generally accepted as being any the following:

1) Copying and pasting text from any electronic media or website, transcribing text from any printed material
2) Using words, phrases, information, or ideas from any print, electronic, or audio-visual media without proper citation or acknowledgement of the source
3) Using passages from other texts while only changing a few select words within that passage
4) Submitting work that originates from another student or commercial source such as a paper mill
5) Resubmitting an assignment used in another class without the expressed permission from the current and previous instructor
6) Translating a work from one language to another without proper quotations and citations.

Consequences for plagiarism can vary by instructor, but can include failure for the assignment or failure for the course. The instructor is not obligated to provide opportunities to make up a failed assignment due to plagiarism. In addition, since it is difficult for an instructor to determine instances of accidental plagiarism from intentional plagiarism, it is incumbent upon students to use all available resources to guard themselves against plagiarizing. These resources include Turnitin.com, the Learning Center, and the instructor. Instructors will provide students opportunities to fix occurrences of plagiarism before final submission.

Any assignment found to be plagiarized will receive a zero.

One of the features of Turnitin, the system where you will submit your essays, is an originality check. Turnitin will compare your essay to thousands of papers, websites, and other sources. This class will make use of that function. You will be able to view the originality reports as well. This is a good learning tool to help you understand plagiarism and using sources within your paper.

If you have any questions about plagiarism, please ask. I am more than happy to help you properly cite and paraphrase your sources. Please ask **before** your assignment is due.

Artificial Intelligence (AI) Policy
There are a variety of AI programs available to assist writers. AI programs are **not** a replacement for human creativity, originality, and critical thinking. Writing, like any skill, must be developed through practice over time. I encourage you to use AI (such as Word Editor) to help you with spelling and grammar.

However, the majority of any submission should be created by the student. Students may not, for example, type a question into an AI platform and copy and paste its response.

Any AI assistance other than basic editing should be tracked and cited within the assignment. A guide to tracking and citing AI will be included with the MLA resources in Blackboard.

Submitting AI-generated work without identifying it as such will be considered academic dishonesty and students will be subject to removal from and failure of this course.

Edison Alerts:
Make sure you are connected to the Rave Mobile Safety alert system to receive Edison Alerts. Edison will provide voice and text alerts provided you have completed the registration process. Bad weather can potentially cancel or delay classes. It is important to note for high school students that just because your high school is closed or delayed does not mean that Edison will do the same. If you have questions concerning the Rave Mobile Safety system, contact Helen Willcox or Campus Security for assistance.

Accommodations /Accessibility And Disability Support Services Policy
Edison State Community College will make reasonable accommodations for students with documented disabilities. If you believe you may need an accommodation based on the impact of a disability, contact the instructor privately with your self-identification letter. If you do not have a self-identification letter, contact Accessibility and Disability Support Services by emailing accessibilitysupport@edisonohio.edu or by calling 937.381.1548. Accessibility and Disability Support Services is located on the Piqua Campus in Room 160. For additional information, visit the **Accessibility and Disability Services** page.

Advising Services
Edison State's career pathway advisors are your partners in success. A career pathway advisor is the first advisor that you will meet with once you have made the decision to further your education. Together, you and your career pathway advisor will:

- Identify the right academic major to set you on your desired career path.
- Identify the courses you'll need to accomplish your academic goals.
- Help you develop a student plan tailored to your lifestyle and work schedule.
- Prepare you to navigate your first semester at Edison State.

You can find your career pathway advisor and faculty advisor information, including their email address, by logging into MyESCC and clicking on Student Planning. Go to Plan and Schedule and click on the Advising tab. You may also call 937-778-7850 to connect via phone call.

Bookstore Services
The Edison State Bookstore is here for all your educational supplies including textbooks, access codes, technology, and more! Contact us at 937-778-7970, through our email at 1165mgr@follett.com, or check us out online at https://www.bkstr.com/edisonccstore/home.

Career And Job Services
Our Career and Job Services advisors are dedicated to helping students and alumni advance their professional development as they make career decisions, develop job search strategies, pursue experiential opportunities and secure employment. Career and Job Services also provides career assessments, career information, resume and cover letter help, job postings and resources, tips for interviewing and more. Visit https://www.edisonohio.edu/Career-and-Job-Services/ for more information.

Computers
If you are working on campus, computers with internet access are available in the internet café. The Library and Tutoring Center has computers and printers available for your use.

Library Services
The Edison State library is not only a comfortable place to study, we have an expansive collection of online resources available to help you with your research. Check out the library webpage here: https://www.edisonohio.edu/Library/. Libguides and short instructional videos are available to help you use these resources and can be found at: https://libguides.edisonohio.edu/. Please contact the library staff with any library questions you may have at library@edisonohio.edu, 937-778-7950, or stop in!

Mental Health Services
College is stressful! Feeling burned out, anxious, frustrated? When challenges arise that you need help dealing with, it's helpful to have someone to talk to. We have established partnerships with many local mental health providers. If you are concerned about a student or colleague, please file a CARE Team form https://www.edisonohio.edu/CARE-Team-Referral-Form/ so that immediate assistance can be given. This link and the CARE Team website can be found under Campus Services on our home page.

Student Resource Center And Charger Station Food Pantries
Edison State Community College is proud to assist students needing help to obtain basic necessities. The Student Resource Center and Food Pantry is stocked with all kinds of grab-and-go snacks, meal supplies, toiletries, household needs, and community resources. Stop by and check out our Charger Stations in Room 060 at Piqua beside the cafeteria, in the student lounge at Troy, in the Brooke-Gould Learning Resource Center at Eaton, and in Room 121 for personal care and pantry items in the student lounge at Greenville. If you need additional assistance, please reach out at ResourceCenter@edisonohio.edu.

Student Wellness Center
College is stressful! Feeling burnt out, anxious, frustrated? When challenges arise, it's helpful to have someone to talk to. We have partnerships established with many local mental health providers and can connect you with area resources.
The Student Wellness Center helps students navigate obstacles which might cause issues or create a sense of distress during your school year. Edison State has built a network of health professionals to support students. With these partnerships, the Student Wellness Center can assist students who need support in areas such as:
o Recovery and Counseling referral
o Housing
o Food
o Physical well-being
Information and education are also provided on the topics of:
o Alcohol and drug abuse and prevention
o Sexual assault prevention and awareness

o Building healthy relationships
o Inclusion and belonging
o Survivor support
o Self-care
o Anti-Hazing
If you are struggling and need to speak with someone in person, please reach out to Velina Bogart, Coordinator of Student Wellness, at vbogart@edisonohio.edu, 937-778-7854, Room 193 (next door to the Security Office).
Walk in hours on campus are Tuesday, Wednesday, Thursday, 8am-5pm. Hours may vary according to the college schedule or events. You may schedule an appointment by clicking here.
If this is a medical emergency, please call 911. If this is a mental health emergency, please call 988.

Testing Your Faith Act Policy
Edison State Community College is committed to providing an environment respectful of students' beliefs. Students are permitted to be absent for up to 3 days each semester based on their faith, religion, or spiritual belief system with no academic penalty. Students must complete the Testing Your Faith Act Accommodations Form, https://www.edisonohio.edu/Registration-and-Records/ and provide a copy to their individual faculty within 14 days from the start of the course. The entire policy can be found in the student handbook at http://stage.edisonohio.edu/digipub/StudentHandbook/index.html.

Technical Support Services
For Blackboard Assignment issues, the Instructor should be the first point of contact *For Log-in or other technology issues:*
There are several steps you can follow if you have issues logging in to Blackboard or Office.

During business hours:

- Password reset: Log onto office.com with your Edison email and follow the "forgot password" prompts.
- Reach out for help during regular business hours (9-5 Monday-Thursday, 9-4 Friday)
    - email to support@edisonohio.edu
    - call 937-778-8600 and ask for IT Help Desk

After hours:

- Password reset: Log onto office.com with your Edison email and follow the "forgot password" prompts
- Go to www.edisonohio.edu into the Services and Support tab and click "IT Help Desk".
- Call 937-778-7957 and talk to the off-campus Blackboard company to get help

Title IX Statement - Anti-discrimination, Harassment And Bullying
It is the policy of the College to maintain a learning environment free from bullying, discrimination, sexual harassment or sexual violence. Title IX federal law protects students, employees and third parties with a relationship to the college. All Edison State Community College employees are required to report

all knowledge of incidents that violate the Title IX policy to the Title IX Coordinator or Deputy Title IX Coordinator immediately. Student and employee confidential consultation is available through the Coordinator of Health and Wellness Services. Title IX Policy and procedure language as well as contact information for the Coordinator of Health and Wellness, Title IX Coordinator and Deputy Title IX Coordinator can be found at www.edisonohio.edu/TitleIX/.

Tutoring Services

All Edison State students are eligible to receive free tutoring and learning support services through our Tutoring Center. Available services include Edison State tutors, both online and in-person, covering a wide variety of courses including various levels of math and paper reviews, online tutoring through OhioLINK eTutoring, distraction-reduced study rooms, and the use of Tutoring Center resources including subject-specific and general study guides. For more information on tutoring services, visit the Tutoring Center in the Library, email us at tutoringcenter@edisonohio.edu, call 937-778-7959, or visit our webpage at https://www.edisonohio.edu/tutoring-center/

Additional Support Services

Other important contacts you may need are listed below for reference:
Bookstore - 859-209-6958 bookstore@ecampus.com
Financial Aid - 937-778-7898 - financialaid@edisonohio.edu
Payment/Billing -937-778-7975 - businessoffice@edisonohio.edu
Transcripts/Graduation - registration@edisonohio.edu
IT Help -937-778-7957 - support@edisonohio.edu

Final Notes:

I am not a professor of animal science, but I feel that I have adequate knowledge and experience to help guide you through this course. I am happy that you chose to enroll in this class, and I will try my best to help you succeed. Please feel free to ask questions during class and if I do not know the answer, I will provide you with the information as soon as possible. Don't hesitate to call, email or text me with any questions or concerns you may have, outside of the classroom. This syllabus is a guideline for the course, and everything is pretty much set in stone, but situations may arise when I might have to change the syllabus on occasion. I will give you adequate notice if changes must be made. Please check blackboard regularly because I will be posting to it if anything changes prior to class. Thank you again for enrolling in this class, I look forward to meeting everyone and getting to know you.

Week 1

August 24: ***Great Darke County Fair. Class postponed until August 26th.***

August 26: Class introduction (class syllabus, expectations, group projects, etc). Swine Breeds Power Point. CH 28: Swine Breeds and Breeding (pg. 452-466) CH 29: Feeding and Managing Swine (pg. 467-488).

Week 2

August 31: ***Knick Show Pigs Farm Tour*** 2:00pm-3:45pm Please wear old clothes and shoes that haven't been around pigs.

Location: 9301 Hathaway Rd. Ansonia, OH 45303

Questions over chapter 28 & 29 due.

September 2: *Knick Show Pigs Farm Tour Journal response due*. Quiz over Breeds of Swine Power Point (in class). Basic Animal Science terminology worksheet and information. Animal Contributions to Human Needs (Ch 1: pg. 1-16) An overview of the Livestock *and Poultry Industries (Ch 2: pg. 17-48).* CH 20: Adaptation to the Environment (pg. 302-314). CH 21: Animal Health (pg. 316-332). CH 22: Animal Behavior (pg. 333-346). CH 23: Issues in Animal Agriculture (pg. 347-378). ***Reminder: Groups and species for power point presentations need to be decided on or before class on Wednesday (Sept 9th)***

Week 3

September 7: **Labor Day (No Classes)**

September 9: Quiz over Basic Animal Science Terminology (in class). Questions over chapter 1 & 2 due. I Am An Animal (The story of Ingrid Newkirk and PETA) video. Class Discussion. Video journal response is due September 16th.

Week 4

September 14: *Questions over chapter 20, 21, 22 & 23 due*. CH 4: Poultry & Egg Products (pg. 65-77) CH 8: Market Classes & Grades of Livestock Poultry & Eggs (pg. 118-134) CH 34: Poultry Breeding, Feeding, and Management (pg. 563-593). Poultry Kits Class Activity.

September 16: *Video over PETA Journal response due*. ***King & Sons Poultry Farm & Poultry Services Tour*** (Levi King). 2:00pm-3:45pm

Location: 8091 Horatio-Harris Creek Rd, Bradford, OH 45308

Week 5

September 21: Poultry Breeds(Chicken & Turkey) Individual Power Point. *Questions over chapters 4, 8 & 34 due.* Poultry Video.

September 23: Individual article presentations & class discussion over animal issues articles.

Week 6

September 28: *1-page Journal Response due over King & Sons Poultry Farm & Services Tour.* Quiz over Breeds of Poultry Power Point.

Dairy Cattle Breeds Individual Power Point. CH 5: Milk & Milk Products (pg. 78-95). CH 19: Lactation (pg. 293-301).

September 30: ***Wabash-Way Holsteins Tour*** (Terry & Marcia Stammen & Family). 2:00pm-3:45pm

Location: 4965 St. Rt. 705, New Weston, OH 45348

Week 7

October 5: ***Brewer Acres Tour*** (Chris & Kendra Brewer & Family). 2:00pm-3:45pm

Location: 2791 Wildcat Rd. Greenville OH 45331

October 7: *1-page Journal Response due over Wabash-Way Holsteins Tour*. Quiz over Dairy Cattle Breeds Power Point. *Questions over chapters 5 & 19 due.* CH 33: Feeding & Managing Horses (pg. 546-562)

Week 8

October 12: Horse Breeds Power Point. Horse Video. *1-page Journal Response due over Brewer Acres Tour*.

October 14: Quiz over Horse Breeds Power Point. *Questions over chapter 33 due.* CH 31: Feeding & Managing Sheep & Goats (pg. 505-529)**.** Sheep & Goats video.

Week 9

October 19: Sheep & Goat Breeds group Power Point *Questions over chapter 31 due.* CH 25: Feeding & Managing Beef Cattle (pg. 401-422)

October 21: Quiz over Sheep & Goat Breeds Power Point. Beef Cattle Breeds group Power Point. Beef Cattle Management practices video.

Week 10

October 26: Quiz over Beef Cattle Breeds Power Point. *Questions over chapter 25 due.* CH 3: Red Meat Products (pg. 49-64). CH 7: By Products of Meat Animals (pg. 109-117). Meat Processing videos.

October 28: ***Winner's Meat Farm*** 2:00pm-3:45pm (each of you please come prepared with 2 unique questions to ask during the tour).

Location: 2259 OH-502, Greenville, OH 45331

Week 11

November 2: *Questions over Chapters 3 & 7 due.* 1-page *Journal Response due over Winner's Meat Farm Tour*. CH 17: Providing Nutrients for Body Functions (pg. 262-274). Basic Livestock Nutrition Video.

November 4: ***Kraut Creek Natural Feeds*** 2:00pm-3:45pm

Location: 1468 Sater St, Greenville, OH 45331

Week 12

November 9: Quiz over Basic Livestock Nutrition video. CH15: Nutrients & Their Functions (pg.236-251) CH16: Digestion and Absorption of Feed (pg.252-274). Ruminant Digestive Systems: Close Look Video

November 11: **Veteran's Day (No Classes**) 1-page *Journal Response due over Kraut Creek Natural Feeds Tour*

Week 13

November 16: Temple Grandin research paper due. *Questions over chapters 15 & 16 & 17* due. CH 9: Visual Evaluation of Market Animals (pg. 135-146). Livestock judging video & practice.

November 18: Guest Speaker: Matt Aultman Ch 10: Reproduction (pg. 147-170). Basic Animal Reproduction videos.

Week 14

November 23: *Questions over chapters 9 & 10* due. CH 14: Mating Systems (pg. 223-235) CH 12: Genetics (pg. 186-204). Animal Biotechnology Video.

November 25: Quiz over Basic Animal Reproduction videos. *Questions over chapters 14 & 12 due*.

Ch 11: Artificial Insemination, Estrous Synchronization, and Embryo Transfer (pg. 171-185). Artificial insemination & embryo transfer videos.

Week 15

November 30: *Questions over chapter 11 due*. Individual animal science job presentations.

December 2: Review for Final Exam

Week 16

December 7: Cookout/Carry In Meal

December 9: Final Exam

- ***Kraut Creek Natural Feeds***

Location: 1468 Sater St, Greenville, OH 45331

- ***King & Sons Poultry Farm & Poultry Services Tour*** (Levi King)

Location: 8091 Horatio-Harris Creek Rd, Bradford, OH 45308

- ***Wabash-Way Holsteins Tour*** (Terry & Marcia Stammen & Family)

Location: 4965 St. Rt. 705, New Weston, OH 45348

- ***Winner's Meat Farm*** (Rob Winner)

Location: 2259 OH-502, Greenville, OH 45331

- ***Brewer Acres Tour*** (Chris & Kendra Brewer & Family).

Location: 2791 Wildcat Rd. Greenville OH 45331