

AGAH 1447
Animal Reproduction
Western Texas College

- I. Basic Course Information
 - A. Course Description: Study of organs, functions, endocrinology, and common management practices related to reproduction.
 - B. Prerequisites: None
- II. Student Learning Outcomes
 - A. Identify reproductive organs and functions
 - B. Relate endocrinology to the reproductive process
 - C. Implement managerial practices designed to improve reproductive efficiency
- III. Major Course Requirements
 - A. Internet iCEV Lessons
 - B. Demonstrations
 - C. Presentations
 - D. Reading
 - E. Field Trips and Field Works
- IV. Information on Books and other Course Materials
 - A. None Required
- V. Other Policies, Procedures and Important Dates: Please refer to the WTC Course Catalog for the following:
 - A. Campus Calendar
 - B. Final exam schedule
 - C. How to drop a class
 - D. Withdrawal information
 - E. Student Conduct/Academic Integrity
 - F. Class Attendance
 - G. Students with disabilities

VI. Course Organization and Schedule

| Week | Topic |
|-------------|--|
| Week 1 | Course Introduction |
| Week 2 | Female reproductive system |
| Week 3 | Male reproductive system |
| Week 4 | Neuroendocrine regulators of reproduction |
| Week 5 | Estrous cycle |
| Week 6 | Spermatogenesis |
| Week 7 | Ovogenesis |
| Week 8 | Gestation |
| Week 9 | Parturition |
| Week 10 | Lactation |
| Week 11 | Semen collection |
| Week 12 | Semen Evaluation |
| Week 13 | Insemination techniques |
| Week 14 | Reproductive management |
| Week 15 | Pregnancy diagnosis & Nutritional management |
| Week 16 | Review & Final |

*Disclaimer: Schedule, content and grading percentages are subject to change at the instructor's discretion.