CASPER COLLEGE COURSE SYLLABUS  
FDSC 2100 - 01 – Principles of Meat Science

Semester/Year: Spring 2016

Lecture Hours: 2 Lab Hours: 1 Credit Hours: 3
Class Time: 1:00pm – 2:50pm Days: M W Room: WA 110
Lab Time: None

Instructor’s Name: Dr. Jeremy Burkett

Instructor's Contact Information:

Office location: WA 112 Office Phone: 268-2417 Email: jburkett@caspercollege.edu

Office Hours: As posted on office door or by appointment
Course Description: Muscle growth, structure and metabolism, pre-harvest animal care, fabrication of carcasses into cuts and associated processing techniques; conversion of muscle into meat; fresh meat properties and quality; chemical properties of meat; meat processing; meat microbiology and safety.
Statement of Prerequisites: CHEM 1005 or CHEM 1025 and FDSC 2040 or by instructor permission.
Goal: To provide students with an understanding of the opportunities and basic practices of beef cattle, swine, and sheep carcass evaluation.
Outcomes: Demonstrate an understanding of basic concepts and principles in the following areas of meat science:
   1. Learn the structure and development of skeletal muscle
   2. Biological and Chemical changes of muscle to meat
   3. Introduction of basic meat processing
   4. Basic understanding of meat science practices.

Evaluation Criteria: Students will be evaluated by tests, quizzes, in-class assignments, and attendance. Late assignments will result in lower grades.

Required Text, Readings, and Materials:

Class Policies: Last Date to Change to Audit Status or to Withdraw with a W Grade: Please refer to current college catalog. In this course, if you are considering a change to Audit status, or dropping the course, you should first speak with the instructor to evaluate your options.

Classroom: As a college student, it is your responsibility to determine whether or not your attendance in this class is required. The most successful students are always those with the best attendance record! As an instructor, it is my responsibility to ensure that the optimal learning environment is provided to all students.

Student Rights and Responsibilities: Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.
**Chain of Command:** If you have any problems with this class, you should first contact the instructor in order to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take your problem through the appropriate chain of command starting with the Department Head (Heath Hornecker), then the Dean for the School of Science (Dr. Grant Wilson), and lastly the Vice President for Academic Affairs (Dr. Tim Wright).

**Academic Dishonesty - Cheating & Plagiarism:** Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct.

**ADA Accommodations Policy:** It is the policy of Casper College to provide appropriate accommodations to any student with a documented disability. If you have a need for accommodation in this course, please make an appointment with our Accommodative Services Counselor at 268-2557.