

**Course title and number** ANSC 680 – Applied Concepts of Meat Animal Myology

**Term** Fall 2017

**Meeting times and location** M 10:20 – 12:20 MSTC 100  
 W 9:10 – 11:10 KLCT 400

### Course Description and Prerequisites

Introduction to fundamental concepts of bovine myology as they pertain to industrial meat science. Standard formats for scientific nomenclature is presented in the context of meat science and industry related terminology. Fabricated cuts are used to illustrate myology concepts. Graduate-level course.

### Student Learning Outcomes

1. Mastery of basic morphological nomenclature relevant to the meat industry.
2. Understanding of skeletal, joint, and muscle morphological concepts.
3. Recognition of key muscles in fabricated beef cuts.

### Instructor Information

<b>Name</b>	Davey B. Griffin	Ashley N. Arnold
<b>Telephone number</b>	979-845-6489	979-862-3643
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<b>Office hours</b>	variable	variable
<b>Office location</b>	348 Kleberg	120 Rosenthal

### Textbook and/or Resource Material

To be determined

### Grading Policies

Grades will be computed on the basis of 400 total points.

(A = 360 to 400 points; B = 320 to 359; C = 280 to 319, D = 240 to 279, F = less than 240).

Item	Points
Exam 1	100
Exam 2	100
Exam 3	100
Quizzes	100
<b>Total</b>	<b>400</b>

### Attendance and Make-up Policies

If an absence is excused, the instructor will either provide the student an opportunity to make up any quiz, exam or other work that contributes to the final grade or provide a satisfactory alternative by a date agreed upon by the student and instructor.

The student is responsible for providing satisfactory evidence to the instructor to substantiate the reason for the absence. A list of university-excused absences can be found at: [studentrules.tamu.edu/rule07](http://studentrules.tamu.edu/rule07). The fact that these are university-excused absences does not relieve the student of responsibility for prior notification and documentation. Failure to notify and/or document properly may result in an unexcused absence. Falsification of documentation is a violation of the Honor Code.

### Course Topics, Calendar of Activities, Major Assignment Dates

Week		Monday 10:20 – 12:20		Wednesday 9:10-11:10
1	Aug 28	Introduction and Objectives	Aug 30	Anatomy Directional Terms Anatomy of bones and bone growth
2	Sept 4	<b>Quiz 1</b> Osteology – Bovine Axial Skeleton	Sept 6	Osteology – Bovine Axial Skeleton
3	Sept 11	<b>Quiz 2</b> Osteoarthrology – Bovine Joints	Sept 13	Osteology – Bovine Forelimb
4	Sept 18	<b>Quiz 3</b> Osteology – Bovine Lower Forelimb	Sept 20	Osteology – Bovine Hindlimb
5	Sept 25	<b>Quiz 4</b> Osteology – Bovine Hindlimb	Sept 27	<b>Exam 1</b>
6	Oct 2	Intro to Myology	Oct 4	Bovine forequarter myology - extrinsic
7	Oct 9	<b>Quiz 5</b> Bovine forequarter myology - intrinsic	Oct 11	Bovine forequarter myology - medial
8	Oct 16	<b>Quiz 6</b> Bovine forequarter myology	Oct 18	Bovine myology - epaxial
9	Oct 23	<b>Quiz 7</b> Bovine forequarter myology	Oct 25	<b>Exam 2</b>
10	Oct 30	Bovine myology – hypaxial/abdominal	Nov 1	Bovine hindquarter myology
11	Nov 6	<b>Quiz 8</b> Bovine hindquarter myology	Nov 8	Bovine hindquarter myology
12	Nov 13	<b>Quiz 9</b> Bovine hindquarter myology	Nov 15	Bovine hindquarter myology
13	Nov 20	Lymph Nodes, Tonsils & Dental Aging	Nov 22	Reading Day – No Class
14	Nov 27	<b>Quiz 10</b> Lymph Nodes, Tonsils & Dental Aging	Nov 29	<b>Exam 3</b>
15	Dec 4	Redefined Day – Friday class	Dec 6	Last Day of Class
16	Dec 8- 13	Final exams		

### Americans with Disabilities Act (ADA)

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information, visit <http://disability.tamu.edu>.

### Academic Integrity

For additional information please visit: <http://aggiehonor.tamu.edu>

*“An Aggie does not lie, cheat, or steal, or tolerate those who do.”*