

**Tentative Class Syllabus\***  
**PO 8843 Avian Nutrition: 2013**

<b>Class</b>	<b>Date</b>	<b>Topic</b>
1	10 July	Introduction/expectations
2	11 July	Review on protein (amino acids), carbohydrates, and fat
3	12 July	Review on energy and feed ingredients
4	15 July	Feed formulation
5	16 July	Project: feed formulation
6	17 July	<b>Feed formulation project due/</b> introduction to the digestive tract: small intestine and large intestine
7	18 July	The digestive tract: small intestine and large intestine
8	19 July	Digestion and absorption/ liver, pancreas/Sense
9	22-26 July	2013 Poultry Science Annual meeting
10	29 July	<b>Exam I</b>
11	30 July	AME/TME/AA digestibility (Dr. Kelley Wamsley Guest Lecture)
12	31 July	Enzymes, minerals & vitamins
13	1 August	Microbial ecology; Pre-harvest food safety; Antibiotics, prebiotics, and probiotics
14	2 August	Litter and environment; Nutritional diseases
15	5 August	<b>Student presentations</b>
16	6 August	<b>Student presentations</b>
17	7 August	Review
18	8 August	<b>Comprehensive Final Exam</b>

\*The class syllabus is tentative because we may need to spend more or less time on a given topic, depending on learning/understanding by the class.

## PO 8843 Avian Nutrition

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**Textbook:** Not required.

**Objective:** Students will understand the practical aspects of carbohydrate, fat and protein digestion, absorption, and utilization by poultry, nutrient requirements of poultry, least cost feed formulation, and factors (including pre-harvest food safety, intestinal microbial ecology, litter and management, and environment) related to poultry nutrition.

**Exams:** The exams will be based on Power Point lectures from topics in the syllabus (2 exams worth 30% of grade each; presentation worth remaining 40% of grade).

No exams can be dropped from your final grade. No makeup exams will be given (except in the event of a family problem or medical illness [physician receipt must be provided]). In the event you miss an exam, it will be averaged as a zero (0) if I have not approved the absence.

If attendance falls, quizzes may be given to ensure class attendance.

**Grade Scale:**

A	90-100
B	80-89
C	70-79
D	60-69
F	< 59

**Use of Technology:** The MSU network will aid in your literature search for your class presentation and you may contact me via email if necessary. Later in this course assignments may be posted via email.

**Class Attendance:** The attendance policy for the lecture will allow you two authorized absences; every absence after the second will reduce your **final average** by 5 points. Roll will be taken at the beginning of each class lecture. Please note that the door for the class room will be closed at 1:00 pm for lecture. Once the door is closed you are considered tardy and will not be counted as attending for the class period. If you have a class on the other side of campus immediately before this class that will cause you to be late, please notify me following the first class meeting for the semester.

**Academic Honesty:** Students will be responsible for following the Universities academic honesty regulations. These are defined in the new **MSU Honor Code** (*see below*). Specifics of the Honor Code are shown in the AOP No. 12.07. This can be viewed at <http://www.honorcode.msstate.edu/pdf/honor-code.pdf>

**MSU HONOR CODE**

**“As a Mississippi State University student I will conduct myself with honor and integrity at all times. I will not lie, cheat, or steal, nor will I accept the actions of those who do.”**

*Upon accepting admission to Mississippi State University, a student immediately assumes a commitment to uphold the Honor Code, to accept responsibility for learning, and to follow the philosophy and rules of the Honor Code. Students will be required to state their commitment on examinations, research papers, and other academic work. Ignorance of the rules does not exclude any member of the MSU community from the requirements or the processes of the Honor Code.*

*For additional information please visit:  
<http://www.honorcode.msstate.edu/>*

**Cell-phones and other electronic devices:** Academic Operating Policy 10.08, classroom regulations, prohibits student use of cell phones, messaging devices and other electronic devices in the classroom unless authorized by the instructor.