

Syllabus

AGRI 1329. Principles of Food Science.

Ty Gillespie

Fall 2023

Disclaimer: This syllabus is intended to give students guidance and a schedule of events for this course. It is the instructors plan to follow this schedule as closely as possible. However, the instructor reserves the right to revise, alter, or amend this syllabus as warranted by circumstances throughout the semester. Announcement made during class or through email will take precedence over information in this syllabus.

Contact Information

Instructor: Ty Gillespie

Email: ty.gillespie@clarendoncollege.edu

Office: Courson RFO and Agriculture Building, Office 116

Office Hours: By appointment

Class Structure: Tuesday and Thursday, 8:00 a.m. – 9:20 a.m.

Texts and Other Course Materials

Non-required Text:

- Clark, A.D., Orta-Ramirez, A., Shewfelt, R.L. 2016. Introducing Food Science. 2nd Edition.
 - I will be covering each topic directly from this text book and will provide you with notes and presentations which directly correlate. Therefore, the text is not required for this course.

Other Required Materials:

- Access to Microsoft Office Suite (Word and PowerPoint)
 - During the duration of this course these platforms will be utilized to complete projects and assignments.

Course Description

Provide an overview of the field of food science for major and non-major students alike. This course will navigate from the nontechnical discussion of food issues that concern today's students to a more comprehensive technical overview of the basic principles as they relate to the study of food. Food science is unique among scientific disciplines in the heavy commercial orientation of the field. Food science serves as the technical arm of the food industry. This course will attempt to convey both commercial and scientific perspective of the field of interest.

Course Requirements and Evaluation

Grades will be determined using the following weighting system:

Exam 1	150 points (15%)
Exam 2	150 points (15%)
Exam 3	150 points (15%)
Project I	180 points (18%)
Project II	180 points (18%)
Final Exam	190 points (19%)
Daily Assignments	Bonus Points Toward Exams
Total	1000 points (100%)

Final course grade will be assigned as follows:

A - greater than or equal to 900 points

B - 800 – 899 points

C - 700 – 799 points

D - 600 – 699 points

F - less than 600 points

Course Assignments

Exams

- Three exams will be given in this course.
- Each exam will be worth 150 points.
- Exam dates are in the tentative course calendar (please remember dates are subject to change).
- Exams will consist of many different question formats (for example, multiple choice, true/false, short answer, ect.)

Project I

Each student will:

1. Draw a foodborne illness at random. The instructor will place the exact number of foodborne illnesses as there are students enrolled in the course into a holding device. One by one students will draw an illness from the holding device and the illness drawn will be that students project topic.
2. Conduct research and present findings to instructor and class. On personal time students will research there given topics and summarize them into a concise presentation that will be both visually and verbally presented in front of the class. All findings must be properly cited using scientific sources.

Unfortunately, we do not have enough time to thoroughly dive into the immense list of foodborne illnesses. Therefore, students will have the opportunity to conduct research and learn about others through class presentations. I will provide more details on this project in a separate note

Project II

Each student will:

1. Choose a news report or article on an event that is current. Your chosen topic will need to be approved by the instructor.
2. Research this event and compare your scoured findings with the news report or article.
3. Construct a visual aid presentation and verbally communicate your findings to the class and instructor. Defend your finding in Q and A/ class discussion following the presentation.

We will talk in the first section about occasional biases by the media when it relates to the food sector. The purpose of this project is for students to research a chosen event and provide scientific evidence that either backs up or undermines the medias version of the story. Students will then present these finding in a concise summery in front of the class and instructor. Presentations will be followed by a short Q and A and class discussion. I will provide more information on this project in a separate note.

Daily Assignments

- The first five minutes of each allotted class period will be spent working through a daily assignment.
- This daily assignment could consist of a quiz, short answer assignment, article review, ect.
- These assignments will not count against your grade they will only help to boost it.
- With each assignment completed, bonus points will be awarded, these bonus points will be used to supplement grades on exams.
- The instructor will begin introducing and passing out the daily assignment at 8:00 a.m. sharp.
- If a student has not entered the classroom before all the assignments have been passed out the tardy student will not have the opportunity to attempt that assignment.

Core Objectives

In accordance with recommendations from the Texas Higher Education Coordinating Board, all life and physical science courses at Clarendon College will address the following core objectives:

CT - Critical Thinking Skills – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information.

COM - Communication Skills – to include effective written, oral, and visual communication.

EQS - Empirical and Quantitative Skills – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions.

SR – Social Responsibility – to include intercultural competency, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities.

Policies and Responsibilities

Class Attendance

Clarendon College believes strongly that the greatest single predictor of student success is class attendance. Students are expected to attend all classes in which they are enrolled. Class attendance is the responsibility of the student. **It is also the responsibility of the student to consult with all instructors when an absence occurs.** Instructors are responsible for keeping an accurate record of class attendance and for informing students of attendance requirements. Students who have attendance problems, for whatever reason, are strongly encouraged to consult with each of their instructors as well as the counselor.

Excused absence:

NOTE: A student's attendance record may not be penalized for an excused absence. The student shall be allowed to take an examination or complete an assignment which occurred during the excused absence. This along with any other make-up work should be scheduled with the instructor. An example of an excused absence is pre-approved participation in a school-sponsored activity. **You must inform the instructor when you will be gone before your absence in the case of an excused absence. The instructor will coordinate assignments missed and when the student will need to complete those assignments.**

Attendance Policy / Daily Assignments

In this course, attendance will not count towards your grade. However, I have derived a policy which I feel will teach students that the statement listed under class attendance is indeed true. The instructor will take attendance using daily assignments that will take place at the start of each class period. These daily assignments are meant to help your final grade in this course. By enacting this attendance policy, it is my hope that students will be able to directly correlate attendance to student success.

Academic Rights of Students

The College has the responsibility of providing a program of quality education in keeping with its financial resources; students have protection through campus-designed procedures against prejudiced or capricious academic evaluation. Student performance shall be evaluated solely on an academic basis, not on opinions or conduct in matters unrelated to academic standards. Students are responsible for completing their academic program, being familiar with all requirements of the College Catalog, and for maintaining their grade point average for degree requirements

Student Academic Integrity and Classroom Ethics

Clarendon College is committed to a philosophy of honesty and academic integrity. It is the responsibility of all members of the Clarendon College community to maintain academic integrity at Clarendon College by refusing to participate in or tolerate academic dishonesty. **Any act of academic dishonesty will be regarded by the faculty and administration as a serious offense.** Academic dishonesty violations include, but are not limited to:

1. Obtaining an examination, classroom activity, or laboratory exercise by stealing or collusion.
2. Discovering the content of an examination, classroom activity, laboratory exercise, or homework assignment before it is given.
3. Observing the work of another during an examination or providing answers to another during the course of an examination.
4. Using an unauthorized source of information during an examination, classroom activity, laboratory exercise, or homework assignment.
5. Entering an office, classroom, laboratory, or building to obtain an unfair advantage;
6. Taking an examination for another person.
7. Completing a classroom activity, laboratory exercise, homework assignment, or research paper for another person.
8. Altering grade records.
9. Using any unauthorized form of an electronic communication device during an examination, classroom activity, or laboratory activity.
10. Plagiarism. (Plagiarism is defined as the using, stating, offering, or reporting as one's own an idea, expression, or production of another person's work without proper credit. This includes, but is not limited to, turning in a paper purchased or acquired from any source, written by someone other than the student claiming credit, or stolen from another student.)

Email Etiquette

All students are expected to send professional emails. All emails should follow the format listed below. This policy is enacted to make it easier for the instructor to find and reply to your emails in a timely fashion and also aid in the students professional development.

Subject Line of Email: AGRI 1329 - <insert brief subject title here>

Body of Email:

Mr. Gillespie,

<Insert the body of your message here.>

Sincerely,

Student Name

Withdrawing from (Dropping) the Course

If you decide that you are unable to complete this course or that it will be impossible to complete the course with a passing grade, you may drop the course and receive a “W” on your transcript instead. (The last day to drop a course is available on the Academic Calendar, located at the Student link on the Clarendon College website.) Withdrawal from a course is a formal procedure that you must initiate. If you do not go through the formal withdrawal procedure, you will receive whatever grade you have earned.

Whether to drop a class or not requires a lot of thought. According to Texas state law a student is only allowed to drop the same class twice before he/she will be charged triple the tuition amount for taking the class a third time or more. Furthermore, beginning with the Fall 2007 semester, students in Texas may only drop a total of 6 courses throughout their entire undergraduate career. After the 6th dropped class, he/she will no longer be able to withdraw from any classes.

Tentative Course Schedule

Week	Topic	Assignments
W1 8/17	Syllabus Week	
W2 8/22, 8/24	Introduction Presentations	
W3 8/29, 8/31	S. 1 Ch. 1	
W4 9/5, 9/7	S. 1 Ch. 2	
W5 9/12, 9/14	S. 1 Ch. 3	9/14 Exam 1
W6 9/19, 9/21	S. 2 Ch. 5	
W7 9/26, 9/28	S. 2 Ch. 6	
W8 10/3, 10/5	S. 2 Ch. 6 continued	10/5 Exam 2
W9 10/10, 10/12		10/10 Project I Presentations
W10 10/17, 10/19		10/19 Project I Presentations
W11 10/24, 10/26	S. 3 Ch. 7	
W12 10/31, 11/2	S. 3 Ch. 8-9	
W13 11/7, 11/9	S. 3 Ch. 10	
W14 11/14, 11/16		11/16 Exam 3
W15 11/21, 11/23	Thanksgiving Break	
W16 11/29, 11/30		Project II Presentations
W17 12/-6	Final Exams	