

FSCI 1329

FOOD SCIENCE



Instructor: Dr. Loree Branham

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Office: VIN 221

Office Hours:

Monday 10:00-11:30am, Wednesday 2:00-4:00pm, and Thursday 2:00-4:00, by appointment

* Note: Due to ongoing research, there may be times during my scheduled office hours when I will not be available- please make an appointment if at all possible.

Course Information

Course Description

A fundamental knowledge of the food industry; food safety, sanitation, processing, classification and quality.

Prerequisite and Co-requisite Courses -None

Student Learning Outcomes

Upon completion of this course, students will be able to:

A fundamental knowledge of the basic components making up the food industry including: food chemistry, nutrition, food safety, processing, classification and quality.

An appreciation of the dynamic make-up of the food industry including new technologies and challenges the industry faces.

Course Delivery

This is a face-to-face course with online components that students are expected to access in [Blackboard](#).¹

Required Texts and Materials

All required text will be provided on blackboard via a link to the document or a pdf.

Technology Requirements

This course will utilize blackboard to provide grades on assessments and post provided course materials.

Communication

Faculty will make best efforts to respond to email and/or telephone messages within 24 hours during working hours Monday through Friday. Weekend messages may not be returned until Monday.

Written communication via email: All private communication will be done exclusively through your ASU email address. Check frequently for announcements and policy changes. In your emails to faculty, include the course name and section number in your subject line.

Grading

Evaluation and Grades

Course grades will be determined as indicated in the table below.

Assessment	Percent of Total Grade
At least 6 Quizzes, assignments or in-class exercises (20 points each. Highest 5 quizzes count)	100 points
Attendance/Participation & in class pop assignments	50 points
3 Exams (100pts each)	300 points
1 Final Exam (cumulative)	150 points
Total Points Possible	600 points

The dates for assignments, quizzes and lecture exams will be announced in class.

COMPREHENSIVE FINAL EXAM – Thursday May 12th @ 8:00am-10:00am.

Grading System

Course grades will depend on completing course requirements and meeting the student learning outcomes.

The following grading scale is in use for this course:

A = 90.00-100 % of points

B = 80.00-89.99 % of points

C = 70.00-79.99 % of points

D = 60.00-69.99 % of points

F = 0-59.99 % of points (Grades are not rounded up)

Assignment and Activity Descriptions

Assessment of learning outcomes will be primarily by quizzes, assignments, exams specific to each outcome.

While the many of assessments will be completed during class, any assignments scheduled outside of the regular class period require submission via blackboard. Assignments must be handwritten and scanned to a pdf unless otherwise indicated in assignment instructions. Instructions for this process will be posted on blackboard. Due date/times will be posted on blackboard with the assignment submission portal. No late assignments will be accepted for credit.

General Policies Related to This Course

All students are required to follow the policies and procedures presented in these documents:

- [Angelo State University Student Handbook](#)²
- [Angelo State University Catalog](#)³

Academic Integrity

Students are expected to maintain complete honesty and integrity in all work. Any student found guilty of any form of dishonesty in academic work is subject of disciplinary action and possible expulsion from ASU.

The College of Science and Engineering adheres to the university's [Statement of Academic Integrity](#)⁴ (Page 97).

Accommodations for Students with Disabilities

ASU is committed to the principle that no qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs or activities of the university, or be subjected to discrimination by the university, as provided by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments of 2008 (ADAAA) and subsequent legislation.

Student Disability Services is located in the Office of Student Affairs, and is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability. It is the student's responsibility to initiate such a request by contacting an employee of the Office of Student Affairs, in the Houston Harte University Center, Room 112, or

contacting the department via email at ADA@angelo.edu. For more information about the application process and requirements, visit the [Student Disability Services website](#).⁵ The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Dr. Dallas Swafford
Director of Student Disability Services
Office of Student Affairs
325-942-2047
dallas.swafford@angelo.edu
Houston Harte University Center, Room 112

Incomplete Grade Policy

It is policy that incomplete grades be reserved for student illness or personal misfortune. Please contact faculty if you have serious illness or a personal misfortune that would keep you from completing course work. Documentation may be required. See ASU Operating Policy 10.11 [Grading Procedures](#)⁶ for more information.

Plagiarism

Plagiarism is a serious topic covered in ASU's [Academic Integrity Statement](#)⁷ in the Student Handbook. Plagiarism is the action or practice of taking someone else's work, idea, etc., and passing it off as one's own. Plagiarism is literary theft.

In your discussions and/or your papers, it is unacceptable to copy word-for-word without quotation marks and the source of the quotation. It is expected that you will summarize or paraphrase ideas giving appropriate credit to the source both in the body of your paper and the reference list.

Papers are subject to be evaluated for originality. Resources to help you understand this policy better are available at the [ASU Writing Center](#).⁸

Student Absence for Observance of Religious Holy Days

A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. See ASU Operating Policy 10.19 [Student Absence for Observance of Religious Holy Day](#)⁹ for more information.

Title IX at Angelo State University

Angelo State University is committed to providing and strengthening an educational, working, and living environment where students, faculty, staff, and visitors are free from sex discrimination of any kind. In accordance with Title VII, Title IX, the Violence Against Women Act (VAWA), the Campus Sexual Violence Elimination Act (SaVE), and other federal and state laws, the University prohibits discrimination based on sex, which

includes pregnancy, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination and unwelcome behavior of a sexual nature. The term includes sexual harassment, nonconsensual sexual contact, nonconsensual sexual intercourse, sexual assault, sexual exploitation, stalking, public indecency, interpersonal violence (domestic violence or dating violence), sexual violence, and any other misconduct based on sex.

You are encouraged to report any incidents involving sexual misconduct to the Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator, Michelle Miller, J.D. You may submit reports in the following manner:

Online: [Incident Reporting Form](#)¹⁰

Face to Face: Mayer Administration Building, Room 210

Phone: 325-942-2022

Email: michelle.miller@angelo.edu

Note, as a faculty member at Angelo State, I am a mandatory reporter and must report incidents involving sexual misconduct to the Title IX Coordinator. Should you wish to speak to someone in confidence about an issue, you may contact the University Counseling Center (325-942-2371), the 24-Hour Crisis Helpline (325-486-6345), or the University Health Clinic (325-942-2171).

For more information about resources related to sexual misconduct, Title IX, or Angelo State's policy please visit the [Title IX website](#).¹¹

Information About COVID-19

Please refer to ASU's [COVID-19 \(Coronavirus\) Updates](#)¹² web page for current information about campus guidelines and safety standards as they relate to the COVID-19 pandemic.

Classroom Decorum

Students are asked to place cell phones on silent mode. **Text messaging during class is not permitted. If texting occurs, student will be warned once and then asked to leave classroom.** Please refrain from any tobacco use while in lecture. Professional behavior toward instructor(s) and fellow students is expected and required. **Students are permitted to use laptop computers, tablets, and voice recorders to take notes only AFTER obtaining permission of the professor.** Feel free to ask questions of the instructor or relate pertinent information at any time during class. Questions and comments are encouraged and appreciated.

Modifications to the Syllabus

This syllabus, including grade evaluation and course schedule, is subject to modification on potentially short notice based on developing circumstances.

Course Content

Topic
Intro to Food Science and Technology
Food Categories and Composition
Human Nutrition and Food
Food Chemistry
Food Additives, Laws, and Dietary Supplements
Food Processing and Preservation
Food Microbiology & Safety
Sensory Evaluation and Product Development
Food Biotechnology
Current Issues

¹ <https://blackboard.angelo.edu/>

² <https://www.angelo.edu/current-students/student-handbook/>

³ <https://www.angelo.edu/academics/catalog/>

⁴ <https://www.angelo.edu/live/files/27603-student-handbook-2020-21#page=97>

⁵ <https://www.angelo.edu/current-students/disability-services/>

⁶ <https://angelo.policystat.com/policy/10659448/latest/>

⁷ <https://www.angelo.edu/live/files/27603-student-handbook-2020-21#page=97>

⁸ https://www.angelo.edu/current-students/writing-center/academic_honesty.php

⁹ <https://angelo.policystat.com/policy/10659368/latest/>

¹⁰ <https://www.angelo.edu/incident-form>

¹¹ <https://www.angelo.edu/title-ix>

¹² <https://www.angelo.edu/covid-19/>