

Syllabus

Principles of Agribusiness and Food Supply Chains

AEDE 3105 Spring 2024

Course Information

- **Course times and location:** Mondays and Wednesdays, 12:40-2:00 p.m. Animal Science Bldg 210
- **Credit hours:** 3
- **Mode of delivery:** In-Person
- **Zoom:** This is an in-person class we will not utilize Zoom this semester.
- Watch this video it will be on Quiz #1. Important information from Snoop Dog
<https://v.cameo.com/Yuh8FagR18>
- Important Dates
https://registrar.osu.edu/registration/Important_dates/SP23_important%20dates.pdf

Instructor

- **Name:** Dathel Nimmons
- **Email:** nimmons.6@osu.edu
- **Phone Number:** 614.738.6733
- **LinkedIn Profile** <http://linkedin.com/in/dathel-nimmons-carpediam>
- **Office location:** Off Campus
- **Office hours:** Before and After class M and W – or by appt.
- **Preferred means of communication:**
 - My preferred method of communication for questions are; **email, text, or call. I can also take questions during, before and after class, or by appt. Appointments can be in-person or Zoom.**
 - My class-wide communications will be sent through the Announcements tool in CarmenCanvas. Please check your [notification preferences](https://go.osu.edu/canvas-notifications) (go.osu.edu/canvas-notifications) to be sure you receive these messages.
 - All important dates for assignments, exams, quizzes, class projects will be in the course calendar in Carmen. Please ensure you turn this feature on.



Teaching Assistant

- **Name:** No Teaching Assistant
- **Email:** N/A

Course Prerequisites

Econ 2001

Course Description

An exciting and interesting “Farm to Fork” study of the actors, intrinsic issues and support systems that are essential to and enable (global, domestic, regional, local) agribusiness, commodity and finished goods, food supply chains effectiveness. Additionally, we cover key supply chain processes including: demand planning, warehouse management, routing, scheduling, cold chain management, inventory management, lean six sigma, material resource planning, supplier relationship management, sourcing, procurement, purchasing, contract management, supply chain technology, sustainability, climate change, governmental agencies; roles and policies – at the regional, state and national level, food insecurity and the agencies that serve these vital areas. Most importantly, we will weave in all current events in the supply chain area to ensure recency and relevance of food supply chains to our current environment.

Weather

- Should in-person classes be canceled, we will meet virtually via CarmenZoom during our regularly scheduled time. I will share any updates via [Announcements in CarmenCanvas and a class email to all students.

Learning Outcomes

By the end of this course, students should successfully be able to:

- Recall the organizational structures common to many agribusiness, commodity and food supply chains.
- Describe the key actors in the agribusiness, commodity and food supply chains.
- Describe and understand the essential processes of supply chain management and their interrelationships within individual companies and across agribusiness supply chains.
- Understand the differences and similarities of domestic (local, regional & national) and international supply chains.
- Apply the tools and techniques useful in implementing supply chain management to agribusiness, commodity, and food settings.



- Be able to map out a supply chain for any agribusiness company.
- Understand government's role in agribusiness at the local, regional, and federal level.
- Understand food insecurity and the agencies, and their unique supply chains, that serve this area of need.
- Understand sustainability challenges of the food supply chain and how modern agribusiness companies are leading the effort to create sustainable food systems.
- Understand how climate change impacts agribusiness practices, production and supply chains.
- Understand ESG and how it affects agribusiness companies.
- Understand what it means to be a sustainable agribusiness company.
- Understand technology and its role in efficient effective supply chains.
- Be able to synthesize disparate information inside the agribusiness supply chains to improve and optimize any supply chain.
- Understand all food supply chains and the processes that make them work.
- Understand Lean Six Sigma and how to utilize it to achieve optimal business outcomes.



How This Course Works

Mode of delivery: This course is synchronous, 100% in-person, supplemented and structured by a course outline in Carmen. The course is divided into **weekly modules** that are released one week ahead of time, in Carmen. All course work will be submitted via Carmen (assignments, discussion boards, supply chain project etc...). All quizzes, mid term and final will be submitted via Carmen.

Credit hours and work expectations: This is a 3 credit-hour course. According to [Ohio State bylaws on instruction](http://go.osu.edu/credit%20hours) (go.osu.edu/credit hours), students should expect around [3] hours per week of time spent on direct instruction (instructor content and Carmen activities, for example) in addition to 6 hours of homework (reading and assignment preparation, for example) to receive a grade of C average.

Attendance, participation & timeliness requirements: Research shows, regular participation is one of the highest predictors of success. With that in mind, I have the following expectations for everyone's participation:

- **Be on time** – class starts promptly at 12:40 pm
- **Attend every class (M&W) and participate in the classroom discussion:** You are expected to log in to the course in Carmen every week and read all assigned reading and watch the assigned videos. During most weeks you will probably log in many times. If you have a situation that might cause you to miss an entire week of class, discuss it with me *as soon as possible*. You are expected to attend class to ensure you are participating in the daily in class discussions. These in class discussions are part of your grade.
- **Log into Carmen weekly;** follow the modules content, format and outline; which includes - weekly reading, videos, discussion boards, assignments, quizzes, midterm and final requirements and due dates.
- **Utilize Carmen to see due dates for all graded work.**
- **Utilize Carmen to view grades in real time.**
- **Utilize Carmen to access and submit all graded work. Rubrics will define the requirements of all assignments.**
- **Inform me if you will miss class or need any assistance immediately.**
- **Sign up for announcements from Carmen for this class so you can get any announcements in real time.**
- **Discussion Boards** – All DB assignments have a in-class component which will be part of the overall grade.



Course Materials, Fees and Technologies

Required Materials and/or Technologies — You DO NOT have to buy these texts they are available free in pdf format, in the file section of Carmen.

- Pullman & Z. Wu. Second Edition “**Food Supply Chain Management, Building a Sustainable Future**” Madeleine Pullman and Zhaohui Wu ISBN: 978-0-367-35119-9 (hbk) ****pdf document located in the File Section of the course in Carmen in the Texts file.**
- **Global Supply Chain and Operations Management: A Decision-Oriented Introduction to the Creation of Value/** Ivanov, Tsipoulanis, & Schönberger 2017. FREE @ [OSU Library Link](#)

Required Equipment

- **Computer:** current Mac (MacOS) or PC (Windows 10) with high-speed internet connection.
- **Webcam:** built-in or external webcam, fully installed and tested
- **Microphone:** built-in laptop or tablet mic or external microphone
- **Other:** a mobile device (smartphone or tablet) to use for BuckeyePass authentication

If you do not have access to the technology you need to succeed in this class, review options for [technology and internet access](https://go.osu.edu/student-tech-access) (go.osu.edu/student-tech-access).

Required Software

Microsoft Office 365: All Ohio State students are now eligible for free Microsoft Office 365. Visit the [installing Office 365](https://go.osu.edu/office365help) (go.osu.edu/office365help) help article for full instructions.

CarmenCanvas Access

You will need to use [BuckeyePass](https://buckeyepass.osu.edu) (buckeyepass.osu.edu) multi-factor authentication to access your courses in Carmen. To ensure that you are able to connect to Carmen at all times, it is recommended that you do each of the following:

- Register multiple devices in case something happens to your primary device. Visit the [BuckeyePass - Adding a Device](https://go.osu.edu/add-device) (go.osu.edu/add-device) help article for step-by-step instructions.
- Request passcodes to keep as a backup authentication option. When you see the Duo login screen on your computer, click **Enter a Passcode** and then click the **Text me new codes** button that appears. This will text you ten passcodes, good for 365 days, that can each be used once.



- [Install the Duo Mobile application](https://go.osu.edu/install-duo) (go.osu.edu/install-duo) on all of your registered devices for the ability to generate one-time codes in the event that you lose cell, data, or Wi-Fi service.

If none of these options will meet the needs of your situation, you can contact the IT Service Desk at [614-688-4357 \(HELP\)](tel:614-688-4357) and IT support staff will work out a solution with you.

Technology Skills Needed for This Course

- Basic computer and web-browsing skills
- [Navigating CarmenCanvas](https://go.osu.edu/canvasstudent) (go.osu.edu/canvasstudent)
- [CarmenZoom virtual meetings](https://go.osu.edu/zoom-meetings) (go.osu.edu/zoom-meetings)
- [Recording a slide presentation with audio narration and recording, editing and uploading video](https://go.osu.edu/video-assignment-guide) (go.osu.edu/video-assignment-guide)

Technology Support

For help with your password, university email, CarmenCanvas, or any other technology issues, questions or requests, contact the IT Service Desk, which offers 24-hour support, seven days a week.

- **Self Service and Chat:** go.osu.edu/it
- **Phone:** [614-688-4357 \(HELP\)](tel:614-688-4357)
- **Email:** servicedesk@osu.edu

Grading and Faculty Response

How Your Grade is Calculated

Assignment Category	% of Grade
Quizzes – 13 quizzes, each quiz 10 questions	20%
In Class - Discussion & Presentations - 4	15%
Homework Assignments - 4	20%
Mid-Term – 30 questions	15%
Final – 50 questions	15%
Supply Chain Team Project – Build your own Supply Chain	10%
Attendance and In-class Participation 90 points total, 30 classes, each class worth 3 points.	5%

See Carmen for due dates.

Descriptions of Major Course Assignments

In-Class Discussion, Homework Assignments, Supply Chain Project

Description: All assignments/in-class discussion and our supply chain project, are described in detail in Carmen. Each will have a RUBRIC detailing how they will be graded and how many points will be awarded for each category. Refer to Carmen for the details of all assignments.

Quizzes/MidTerm/Final: Quizzes/Mid-Term/Final will be in Carmen. All will primarily include objective questions (multiple choice, matching, fill in blank, true-false, short answer, essay. Questions will cover material presented in lectures, chapter slides, the textbook, assigned videos, white papers and content shared by guest speakers. Students will have 60



minutes to complete each exam or quiz once you access it. All exams will be factored into your point distribution for your final grade. The quizzes cover the week prior material, the mid-term covers all material up to the mid-term and the final exam is comprehensive for the semester.

Homework Assignments: The 4 Homework assignments will be posted with the assigned Carmen module for the respective week. Each assignment will require the students to synthesize and apply concepts in lecture, individual research, videos or assigned reading to the problems posed in the assignment.

In-Class Discussion & Discussion Board: Students will complete 4 in-class discussion Assignments and answer fact based questions in the DB section of Carmen. You must be in class in order to receive credit for these assignments. The discussion board assignments will be based on the reading of 1 or 2 articles. The students will read the article(s) and then answer 2-3 short questions about the article. Additionally, students will be required to respond to the in-class discussion and dialogue. There will be a Rubric for each assignment. I will be commenting and responding to your discussions to encourage and promote critical thinking and meaningful interaction and dialogue.

Supply Chain Project: Throughout the course, you will be introduced to information and coached on how to complete this this assignment. Utilizing your understanding of supply chains, you will build your own supply chain for a manufacturing company that produces ready to eat, microwaveable dinners. We will discuss in class all aspects of the supply chain that you will build. We will work together as a team to create the optimal supply chain for this assignment. Each individual will turn in their own project.

Class Participation, Discussion and Presentations of Current Articles: I will introduce a current topic every class that we will discuss together in class. Additionally, I will assign a current article to students for each class to read and share your learnings with your peers. This is a 5 minute read and a 1-2 minute presentation of what you learned from the article. We will do this in every class Your overview will include key facts about the article and you will share any insights on how this is affecting our agriculture supply chains and what can be done short and long term to improve the situation. You will receive daily attendance and participation points for this portion of the class. This is FUN and interesting.

Academic integrity and collaboration: Your written assignments, including discussion posts, should be your own original work. In formal assignments, you should follow MLA style to cite the ideas and words of your research sources. You are encouraged to ask a trusted person to proofread your assignments before you turn them in but no one else should revise or rewrite your work. All quizzes, mid term and final exams must be done individually.

Late Assignments

Late Assignments, will not be accepted after the due date. If you have an issue, contact me prior to the due date and we will develop a mutually agreed upon plan. I do recognize that sudden events or emergency situations out of your control may impact your ability to do so. If



something does occur contact me immediately to resolve the issues. In the event of an emergency, It is my policy to only accept late work within 7 days of the due date. All late work will result in a 15% deduction from the grade. At my discretion, exceptions may be made for emergencies or other well-documented issues. These exceptions are easiest to make when you notify me before the deadline. Please note, all late work will be graded only after I have completed the weekly grading of the on-time submissions and as time permits given other constraints on my time.

Please refer to Carmen for due dates. Due dates are set to help you stay on pace and to allow timely feedback that will help you complete subsequent assignments.

Due to the collaborative nature of **class discussions** if you are absent from class, you cannot receive credit for attendance and **class participation** for that day.

Due to the collaborative nature of **discussion boards**, you cannot receive credit for a discussion board assignment that is not submitted prior to the due date.

Instructor Feedback and Response Time

I am providing the following list to give you an idea of my intended availability throughout the course. Remember that you can call [614-688-4357 \(HELP\)](tel:614-688-4357) at any time if you have a technical problem.

- **Preferred contact method:** If you have a question, please contact me first through my Ohio State email address or my cell phone 614.738.6733. I will reply to most communication immediately or at the maximum within **24 hours on days when class is in session at the university**.
- **Class announcements:** I will send all important class-wide messages through the Announcements tool in CarmenCanvas. Please check [your notification preferences](https://go.osu.edu/canvas-notifications) (go.osu.edu/canvas-notifications) to ensure you receive these messages.
- **Discussion board:** I will check and reply to messages in the discussion boards in real-time at the minimum, once mid-week and once at the end of the week.
- **Grading and feedback:** For assignments submitted before the due date, I will provide feedback and grades within **seven days**. Assignments submitted after the due date may have reduced feedback and grades may take longer to be posted.

Grading Scale

93–100: A

90–92.9: A-

87–89.9: B+

83–86.9: B

80–82.9: B-

77–79.9: C+

73–76.9: C

70–72.9: C-

67–69.9: D+

60–66.9: D

Below 60: E



Other Course Policies

Discussion and Communication Guidelines

[Example: The following are my expectations for how we should communicate as a class. Above all, please remember to be respectful and thoughtful.]

- **Writing style:** While there is no need to participate in class discussions as if you were writing a research paper, you should remember to write using good grammar, spelling, and punctuation. A more conversational tone is fine for non-academic topics.
- **Tone and civility:** Let's maintain a supportive learning community where everyone feels safe and where people can disagree amicably. Remember that sarcasm doesn't always come across online. I will provide specific guidance for discussions on controversial or personal topics.
- **Citing your sources:** When we have academic discussions, please cite your sources to back up what you say. For the textbook or other course materials, list at least the title and page numbers. For online sources, include a link.
- **Backing up your work:** Consider composing your academic posts in a word processor, where you can save your work, and then copying into the Carmen discussion.
- **Synchronous sessions:** During any Zoom sessions I ask you to use your real name and a clear photo of your face in your Carmen profile. During Guest Speakers Zoom sessions I ask that everyone leave their camera on so the guest speaker has a visual audience to speak to. When in breakout rooms or other small-group discussions, having cameras and mics on as often as possible will help you get the most out of activities. You are always welcome to use the [free, Ohio State themed virtual backgrounds](http://www.osu.edu/downloads/zoom-backgrounds.html) (www.osu.edu/downloads/zoom-backgrounds.html). Remember that Zoom and the Zoom chat are our classroom space where respectful interactions are expected.

Academic Integrity Policy

See [Descriptions of Major Course Assignments](#) for specific guidelines about collaboration and academic integrity in the context of this online class.

Ohio State's Academic Integrity Policy

Academic integrity is essential to maintaining an environment that fosters excellence in teaching, research, and other educational and scholarly activities. Thus, The Ohio State University and the Committee on Academic Misconduct (COAM) expect that all students have read and understand the university's [Code of Student Conduct](http://studentconduct.osu.edu) (studentconduct.osu.edu), and that all students will complete all academic and scholarly assignments with fairness and honesty. Students must recognize that failure to follow the rules and guidelines established in the university's *Code of Student Conduct* and this syllabus may constitute "Academic Misconduct."



The Ohio State University's *Code of Student Conduct* (Section 3335-23-04) defines academic misconduct as: "Any activity that tends to compromise the academic integrity of the university or subvert the educational process." Examples of academic misconduct include (but are not limited to) plagiarism, collusion (unauthorized collaboration), copying the work of another student, and possession of unauthorized materials during an examination. Ignorance of the university's *Code of Student Conduct* is never considered an excuse for academic misconduct, so I recommend that you review the *Code of Student Conduct* and, specifically, the sections dealing with academic misconduct.

If I suspect that a student has committed academic misconduct in this course, I am obligated by university rules to report my suspicions to the Committee on Academic Misconduct. If COAM determines that you have violated the university's Code of Student Conduct (i.e., committed academic misconduct), the sanctions for the misconduct could include a failing grade in this course and suspension or dismissal from the university. If you have any questions about the above policy or what constitutes academic misconduct in this course, please contact me.

Other sources of information on academic misconduct (integrity) to which you can refer include:

- [Committee on Academic Misconduct](http://go.osu.edu/coam) (go.osu.edu/coam)
- [Ten Suggestions for Preserving Academic Integrity](http://go.osu.edu/ten-suggestions) (go.osu.edu/ten-suggestions)
- [Eight Cardinal Rules of Academic Integrity](http://go.osu.edu/cardinal-rules) (go.osu.edu/cardinal-rules)

Copyright for Instructional Materials

The materials used in connection with this course may be subject to copyright protection and are only for the use of students officially enrolled in the course for the educational purposes associated with the course. Copyright law must be considered before copying, retaining, or disseminating materials outside of the course.

Creating an Environment Free from Harassment, Discrimination, and Sexual Misconduct

The Ohio State University is committed to building and maintaining a community to reflect diversity and to improve opportunities for all. All Buckeyes have the right to be free from harassment, discrimination, and sexual misconduct. Ohio State does not discriminate on the basis of age, ancestry, color, disability, ethnicity, gender, gender identity or expression, genetic information, HIV/AIDS status, military status, national origin, pregnancy (childbirth, false pregnancy, termination of pregnancy, or recovery therefrom), race, religion, sex, sexual orientation, or protected veteran status, or any other bases under the law, in its activities, academic programs, admission, and employment. Members of the university community also

have the right to be free from all forms of sexual misconduct: sexual harassment, sexual assault, relationship violence, stalking, and sexual exploitation.

To report harassment, discrimination, sexual misconduct, or retaliation and/or seek confidential and non-confidential resources and supportive measures, contact the Office of Institutional Equity:

1. Online reporting form at equity.osu.edu,
2. Call 614-247-5838 or TTY 614-688-8605,
3. Or Email equity@osu.edu

The university is committed to stopping sexual misconduct, preventing its recurrence, eliminating any hostile environment, and remedying its discriminatory effects. All university employees have reporting responsibilities to the Office of Institutional Equity to ensure the university can take appropriate action:

- All university employees, except those exempted by legal privilege of confidentiality or expressly identified as a confidential reporter, have an obligation to report incidents of sexual assault immediately.
- The following employees have an obligation to report all other forms of sexual misconduct as soon as practicable but at most within five workdays of becoming aware of such information: 1. Any human resource professional (HRP); 2. Anyone who supervises faculty, staff, students, or volunteers; 3. Chair/director; and 4. Faculty member."

This course adheres to The Principles of Community adopted by the College of Food, Agricultural, and Environmental Sciences. These principles are located on the Carmen site for this course; and can also be found at <https://go.osu.edu/principlesofcommunity>. For additional information on Diversity, Equity, and Inclusion in CFAES, contact the CFAES Office for Diversity, Equity, and Inclusion (<https://equityandinclusion.cfaes.ohio-state.edu/>). If you have been a victim of or a witness to a bias incident, you can report it online and anonymously (if you choose) at <https://studentlife.osu.edu/bias/report-a-bias-incident.aspx>.

Religious Accommodations

Our inclusive environment allows for religious expression. Students requesting accommodations based on faith, religious or a spiritual belief system in regard to examinations, other academic requirements or absences, are required to provide the instructor with written notice of specific dates for which the student requests alternative accommodations at the earliest possible date. For more information about religious accommodations at Ohio State, visit odi.osu.edu/religious-accommodations.

The University Interfaith Council has a helpful, but non-exhaustive, [religious holiday calendar](#) to promote awareness and understanding of observances.

Your Mental Health

As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce a student's ability to participate in daily activities. The Ohio State University offers services to assist you with addressing these and other concerns you may be experiencing. If you or someone you know are suffering from any of the aforementioned conditions, you can learn more about the broad range of confidential mental health services available on campus via the Office of Student Life Counseling and Consultation Services (CCS) by visiting ccs.osu.edu or calling (614) 292- 5766. CCS is located on the 4th Floor of the Younkin Success Center and 10th Floor of Lincoln Tower. You can reach an on-call counselor when CCS is closed at (614) 292-5766 and 24 hour emergency help is also available through the 24/7 National Suicide Prevention Hotline at 1-(800)-273-TALK or at suicidepreventionlifeline.org

David Wirt, wirt.9@osu.edu, is the CFAES embedded mental health counselor. He is available for new consultations and to establish routine care. To schedule with David, please call 614-292-5766. Students should mention their affiliation with CFAES when setting up a phone screening. Accessibility Accommodations for Students with Disabilities

Requesting Accommodations

The university strives to make all learning experiences as accessible as possible. If you anticipate or experience academic barriers based on your disability including mental health, chronic or temporary medical conditions, please let me know immediately so that we can privately discuss options. To establish reasonable accommodations, I may request that you register with Student Life Disability Services (SLDS). After registration, make arrangements with me as soon as possible to discuss your accommodations so that they may be implemented in a timely fashion. In light of the current pandemic, students seeking to request COVID-related accommodations may do so through the university's request process, managed by Student Life Disability Services.

Disability Services Contact Information

- Phone: [614-292-3307](tel:614-292-3307)
- Website: slds.osu.edu
- Email: slds@osu.edu
- In person: [Baker Hall 098, 113 W. 12th Avenue](#)



Safe & Healthy Buckeyes

Health and safety requirements: All students, faculty and staff are required to comply with and stay up to date on all university safety and health guidance (<https://safeandhealthy.osu.edu>). Non-compliance will result in a warning first, and disciplinary actions will be taken for repeated offenses.

Accessibility of Course Technology

This online course requires use of CarmenCanvas (Ohio State's learning management system) and other online communication and multimedia tools. If you need additional services to use these technologies, please request accommodations as early as possible.

- [CarmenCanvas accessibility](https://go.osu.edu/canvas-accessibility) (go.osu.edu/canvas-accessibility)
- Streaming audio and video
- [CarmenZoom accessibility](https://go.osu.edu/zoom-accessibility) (go.osu.edu/zoom-accessibility)

Land Acknowledgement Statement

(from the Multicultural Center; <https://mcc.osu.edu/about-us/land-acknowledgement>)

We would like to acknowledge the land that The Ohio State University occupies is the ancestral and contemporary territory of the Shawnee, Potawatomi, Delaware, Miami, Peoria, Seneca, Wyandotte, Ojibwe and Cherokee peoples. Specifically, the university resides on land ceded in the 1795 Treaty of Greenville and the forced removal of tribes through the Indian Removal Act of 1830. As a land grant institution, we want to honor the resiliency of these tribal nations and recognize the historical contexts that have and continue to affect the Indigenous peoples of this land.

Course Schedule Autumn 2022 – Please refer to Carmen Calendar for each specific date. Quizzes are weekly and due every Wednesday by 11:59 pm



Week	Days	Topics, Readings, Assignments, Due Dates
1	M, W	Module 1 Syllabus Review, Course overview, Intro to Agribusiness and Food Supply Chains – What makes a Global Supply Chain unique? Introduce Discussion Board #1 – Why Global Supply Chains May Never be the Same. Wall Street Journal Documentary Quiz #1 Wednesday covers the Syllabus
2	W	Module 2 Key Supply Chain Actors - Input Suppliers, Animal Protein Supply Chains Introduce Homework Assignment #1 “Value Chain” Due Discussion Board #1 – “Why Global Supply Chains May Never be the Same” – Wall Street Journal Documentary Quiz #2 Wednesday covers Module 1
3	M, W	Module 3 Key Supply Chain Actors: Farm Output and Market Intermediaries, Commodity Crop Supply Chains, Fruits & Vegetables Supply Chains Due Homework Assignment #1 “Value Chain” Quiz #3 Wednesday covers Module 2
4	M, W	Module 4 Key Supply Chain Actors: Food Processors and Distributors, Food Manufacturing and Logistics. Seafood Supply Chains Introduce Discussion Board #2 –Chocolate & Coffee Supply Chains, Fair Trade, Sustainability, Global Supply Chains Quiz #4 Wednesday covers Module 3
5	M, W	Module 5 Key Supply Chain Actors: Food Wholesalers, Retailers and Foodservice companies, Lean Six Sigma. Beverage Supply Chains Due Discussion Board #2 Due – Chocolate & Coffee Supply Chains Introduce Homework Assignment #2 “Cold Chain Management, Perishability and Technology” Quiz #5 Wednesday covers Module 4



6	M, W	Module 6 Intrinsic Issues: Perishability & Cold Chain Management, Inventory Management, Warehouse Management, Demand Forecasting and Planning, Sales & Operational Planning Due Homework Assignment #2 Quiz #6 Wednesday covers Module 5
7	M, W	Module 7 Sustainability, ESG (Environmental, Social, Governance), Climate Change & implications to Agribusiness. Middle & Last Mile Delivery Introduce Discussion Board #3 Sustainability & ESG - Aviagen, a unique supply chain of a critical supplier to the poultry industry Quiz #7 Wednesday covers Module 6
8	M, W	Module 8 Introduction to Class Project & Review for Mid Term Mid Term Wednesday covers Modules 1-7 in class
9	M, W	Module 9 Intrinsic Issues: Risk and Quality, Fair Trade, Global Supply Chain Due Discussion Board #3 Sustainability ESG Quiz #8 Wednesday covers Modules 7 & 8
10		Spring Break
11	M, W	Module 10 Key processes: present in all Supply Chains: Demand Planning and Forecasting, Metrics, KPI's, Benchmarking, Dashboards, Perfect Order Quiz #9 Wednesday covers Module 9
12	M, W	Module 11 Intrinsic Issues: Food Safety, Identity preserved food supply chains, Tracing, Animal Welfare. Quiz #10 Wednesday covers Module 10
13	M, W	Module 12 Support Systems: Technology Introduce Homework Assignment #3 "Technology in Agribusiness and Food Supply Chains"



		Due Homework Assignment #3 Quiz # 11 Wednesday covers Module 11
14	M, W	Module 13 Support Systems – Role of Government, regulations and verification methods, organic, Food Aide and Hunger Relief, Agencies that serve the food insecure, Disaster Relief. Introduce Homework Assignment #4 The role of government, oversight, policies, programs “USDA” Quiz #12 Wednesday covers Module 12
15	M, W	Module 14 Intrinsic Issues: Supplier Management, Sourcing, Contracts, Procurement, Purchasing. Due Homework Assignment #4 Introduce Discussion Board #4 “Elevator Pitch” Final Quiz #13 Wednesday covers Module 13 & 14
16	M, W	Module 15 Due Supply Chain Project Final Review In Class Discussion Board #4 “Elevator Pitch” Final and In Class Presentation of Class Project Last day of classes Wednesday 12/6/2023 Reading Day Thursday 12/7/2023
17		Finals Friday December 8th, 2023 – Thursday December 14th, 2023

