



Contemporary Issues in Food Science and Nutrition ~ Alcohol and Society ~ Spring 2021 ~

Ohio State [Food Science and Technology](#) ~ Spring Syllabus ~ **FDSCTE 4597.01** ~ class number [31136](#) ~ Tues-Thurs 9:35AM to 10:55AM 1/11/2021 to 4/21/2021 ~ Parker Food Sci Building 064 Room 118, 2015 Fyffe Road, 43210-1007

Bulletin: The historical, nutritional, medical, social, technical, and economic aspects of the use of beverage and industrial alcohol. *Prereq:* Jr standing. This is a general education cross-disciplinary seminar course. Ignore the *not open to 597* artifact.

Course Format: Synchronous learning: In-person sessions in Parker 118 are planned with the first two weeks available only via Zoom in real time. There are four debates that will engage every student in-person, although real-time Zoom debates may be needed if positivity rates are high. Debates reinforce peer learning, where everyone participates and there is no audience. These debates may be online depending on COVID events this semester. Debate preparation via online discussion in Canvas chat forums is required. There are three exams that require in-person attendance during the scheduled class time, pending pandemic restrictions. Pending further changes we meet twice weekly in Parker 118 with PowerPoint slides and video clips posted in Canvas. I upload these ahead of each class. Interaction is via in-class paired-share discussions and Top Hat online software. Guest appearances and field trips are tentative depending on health advisories.

Thank You for Your Interest. We have an interesting and engaging semester with classmates. This spring course has an 18-year evolution featuring links to dozens of private YouTube videos. All content is available within a new carmen page created for every class. The in-class Power-points are free for download and online discussions connect you with classmates. The use, abuse, production and consumption of alcohol is covered to inform the next generation of brewers, sommeliers, distillers, regulators or consumers.

Goals and Learning Outcomes. The purpose of the capstone experience is to provide thematic upper-division course work drawing on multiple disciplines that enrich students' experiences of the contemporary world. Alcohol use has a profound impact on societies worldwide including economic, social, geopolitical, technological and religious effects. We examine the historic and current roles of alcohol on society and evaluate the positive and negative consequences of alcohol use. This integrates knowledge bases from humanities, sciences, society and culture. Study of alcohol will allow the successful student to:

- evaluate the risks and benefits of alcohol to various segments of society.
- identify and assess goals and objectives of pro- and anti-alcohol lobbies.
- understand the historic and current process for making alcohol.
- articulate several alcohol-related issues and policies in a logical and concise manner.
- explore and critically evaluate the ramifications of [alcohol use](#) or abuse.

More on [General Education Goals](#), and on the objectives of a cross-disciplinary seminar are detailed in session one and repeated here:

Goals: Students demonstrate an understanding of this interesting topic through scholarly activities that draw upon multiple disciplines and through interactions with students from different majors.

Learning Outcomes:

- Students understand the benefits and limitations of different disciplinary perspectives.
- Students understand the benefits of synthesizing multiple disciplinary perspectives.
- Students synthesize and apply knowledge from diverse disciplines to a topic of interest.
- Students will demonstrate achievement of these GE Cross-disciplinary Seminar learning outcomes from the multiple disciplines attracted to this course, typically across several colleges. A shared interest alcohol and societal issues enable application of prior and new knowledge to the risks and benefits of its use.

Pre-requisite: GEC contemporary world course. Jr standing.

Instructor: Dr. Ken Lee, Professor and Food Innovation Center Director, 292-7797 or 292-6281 to leave a message or lee.133@osu.edu If you type 4597 as the first word in the subject line it will help get through spam traps. Zoom office hours: Tues Thurs 11am to noon. Communication within Canvas is best.

Graduate Student TA: Amy Andes.34@osu.edu is helping us as a Graduate Teaching Assistant for Spring 2021. **Office hours:** Half hour before or after each class or by appointment. She will try to answer email within 24 hours of receipt. Communication within Canvas is best.

CARMEN: must be used at <https://osu.instructure.com/courses/92650>. You gain access after you register. You will find outlines of each lecture, samples of old exams, assignments, all course material and special instructions. Messages from the instructor go to your @buckeyemail.edu e-mail address. Email that bounces will not be re-sent, so be sure that your mailbox has space and ensure forwarding accounts work. [BuckeyePass](#) multi-factor authentication is required:

- Register multiple devices. See [BuckeyePass - Adding a Device](#) for instructions.
- The Duo login allows “Text me new codes” to get ten passcodes good for 365 days.
- Download the [Duo Mobile application](#) in case you lose cellular or Wi-Fi service.
- Contact IT Service at 614-688-4357 or 8help@osu.edu for all connection problems.

Evaluation and Grading: This is a 3-credit course. According to [Ohio State policy](#), students should expect around 3 hours per week spent on direct instruction in addition to 6 hours of homework (reading, videos, debate preparation discussions) to receive a grade of (C) average. This includes studying, reviewing and editing notes, required discussions with fellow students.

Grade	%	Color	Comment
E	0-59.9	Red	Mastery of the course material is based on a variety of exercises totaling 300 points. The student is expected to display proficiency in written and oral skills on each assignment. There is no curve. The OSU standard scheme
D	60-66.9	Orange	
D+	67-69.9	Orange	
C-	70-72.9	Yellow	

C	73-76.9	Yellow	listed at left will automatically assign a final letter grade for the course based on total points. The PA or NP option is at your discretion.
C+	77-79.9	Yellow	
B-	80-82.9	Green	Each exam is mostly multiple choice format. If the majority of the class gets a question wrong, I assume it was a bad question and it is thrown out. Quizzes are sometimes short answer or other formats. Online debate participation is required and earns 40 points.
B	83-86.9	Green	
B+	87-89.9	Green	
A-	90-92.9	None	
A	93-100	None	Attendance is mandatory and unexcused absences will lose points.

<i>Events leading to 300 points</i>	<i>Points</i>	<i>Description of event</i>
Exam 1	60	Mostly multiple choice or short answer
Exam 2	60	Mostly multiple choice or short answer
Exam 3	60	Mostly multiple choice or short answer
Four debate quizzes	40	Like the exams above or an opinion essay
Four debate participations	40	Carmen pre-debate prep, see page 6 of this syllabus
Attendance each day	20	Top Hat poll. Please see GTA if you are not recorded
One assignment due midterm	10	You write 1 page on a good debate topic for the class
Bonus points at any time	10	Class consensus on what can earn a bonus, session 1

Required Reading: There is no textbook. Alcohol related articles from many sources serve as the basis for discussion. Required reading is noted at the beginning of each lecture outline along with supplemental articles. Students should read the required material before class in order to participate fully in discussions. Material in the assigned reading is included in the exams and quizzes. Students are responsible for searching the literature for information to support their learning and are encouraged to use the internet and to contact individuals and agencies relevant to debate topics. There are no fees, no additional required materials and no purchases required.

Use of Electronic Devices is Encouraged. Students may record lectures and discussions in class and can download slides. Students may not publish these recordings to YouTube or any public social media. You may use your cell phone, tablet, laptop PC or Mac during class and there is a good [osuwireless](#) signal in this classroom. Devices are helpful for polls, surveys and voting. Some students bring devices to in-class debates as a way to organize or find relevant arguments. No electronic devices, notes or communication of any kind is allowed in exams and quizzes.

Privacy: Student information collected in this class conforms to the Family Educational Rights and Privacy Act ([FERPA](#)). No student may pick up an exam for any other student. Grades and performance in the class will be available only to the student and the office of grades except as noted in University Guidelines. **Your photograph** is sought on the first class day so I can learn more about you. This year I seek group photos of events such as the field trips, guest lectures and debates. Please let me or Amy know if you do not wish to appear in any photographs.

Disabilities Services: If you need an accommodation based on a disability please contact me or the TA to discuss your specific needs. You may also inform the [Office for Disability Services](#) at 614-292-3307 in Room 150 Pomerene Hall, 1760 Neil Avenue for assistance. Students certified by the Office for Disability Services will be accommodated.

Support Outside of Class: The [Collegiate Recovery Community](#) (CRC) supports students who are in or seeking recovery from drug and alcohol addiction. It is a supportive peer community on campus that helps students to have an authentic college experience while maintaining their recovery. The Student Life [Student Wellness Center](#) is located in room 1230 of Lincoln Tower at 1800 Cannon Drive. Email recovery@osu.edu for more information. We may have a guest lecture from CRC.

Responsibilities and Misconduct: We are all responsible for maintaining ethical and civil behavior. It is the responsibility of the [Committee on Academic Misconduct](#) to investigate all reported cases of student academic misconduct. The term “academic misconduct” applies wherever committed illustrated by, but not limited to, plagiarism and dishonest practices in exams or assignments. Instructors report all instances of alleged academic misconduct to the committee (Faculty Rule 3335-5-487). For more see the [Code of Student Conduct](#).

Alcohol Policy: You must be aware of the [Ohio State Alcohol Policy](#) that is issued to all entering freshmen. The Interfraternity, Multicultural Greek, National Pan-Hellenic Councils and Panhellenic Association [alcohol policy](#) is also a good source. Please confer with Dr. Lee or the TA if you have any objection or cannot visit places that produce and serve alcoholic beverages.

Attendance and Field Trips: You are expected to attend all classes and to participate in field trips unless prior excused. During the pandemic field trips may be cancelled. If you should avoid alcohol you will be excused. If you are under 21 years you may attend but not consume any alcohol. You are expected to conduct yourself as a representative of Ohio State. Prior excuses are accepted via paper or email to the GTA or instructor. Unpredictable absence due to emergencies or illness are also accepted via paper or email. You will receive an email confirming the excuse is accepted, no points are lost from attendance, and instructing you to learn all missed material.

Harassment, Discrimination and Sexual Misconduct: Our campus should be free from harassment, discrimination, and sexual misconduct, but it might occur. To report misconduct, retaliation, or find confidential support contact the Office of Institutional Equity at equity.osu.edu, call 614-247-5838 or TTY 614-688-8605 or equity@osu.edu. All university employees, except those exempted by legal privilege of confidentiality or identified as a confidential reporter, must report sexual assault immediately. Employees in human resources, supervisors, chairs, directors and faculty members must report all other forms of sexual misconduct within five workdays of becoming aware.

Grievances: If you have a grievance about this class, me or the grad assistant please let me know. If needed take your case to the Department chair Sheryl Barringer.11, FAES dean or associate dean, and to the provost, in that order. Procedures are in Faculty Rule 3335-7-23.

Copyright Material: The materials in this course may be subject to copyright protection and are only for the use of students enrolled for educational purposes. Copyright law applies when copying, retaining, or disseminating materials outside of the course. **Intellectual Property**

(covered by copyright) includes all Course materials (such as but not limited to: Text, Audio, Video, Multimedia, Sims, Apps) and Student Generated materials.

Your Course Evaluation is important. Suggestions on how this course may improve are sought and feedback prompts are in each exam. Annual SEI is used for improvement and instructor evaluation. I believe all SEI should be public and my historical summary is pasted here.



SEI Historical Report for Ken Lee

Mean Score for Question 10: Overall, I would rate this instructor as

Term	Subject	Course	Class	Responses	Mean	SD
Overall				120	4.78	0.47
SU 09	FDSCTE	597.01	21146	21	4.57	0.60
SP 11	FDSCTE	597.01	28393	16	4.63	0.50
SP 12	FDSCTE	597.01	24804	12	4.58	0.51
SP 13	FDSCTE	4597.01	12328	26	4.62	0.50
SP 15	FDSCTE	4597.01	29111	17	4.94	0.24
SP 16	FDSCTE	4597.01	29898	17	4.88	0.33
SP 17	FDSCTE	4597.01	29660	7	5.00	0.00
SP 18	FDSCTE	4597.01	16482	4	5.00	0.00

Recent Comments

Comments

Great class and great teacher. I was always excited to go to this class and learn about alcohol.

One of the most engaging, challenging, and informative courses I have taken so far. The instructor is not just a subject matter expert, but he genuinely likes to teach and creates a great learning environment. Would recommend this course to anyone.

Great class. I loved the debates. There was a lot of content given in class but was very understandable.

The course website is accessible only through Canvas. This syllabus posted inside Canvas should have the most recent "last revision" date at the bottom of every page. Please read the following debate instructions and ensure you can attend on the specified dates.

Alcohol and Society 2021 Debates

January 28 ~ February 18 ~ March 23 ~ April 13 ~ Mark Your Calendar!

A goal of a contemporary issues course is to enable you to articulate a position and critically evaluate evidence for it. To help achieve this you will participate in four debates. The class is divided in half, pro and con, each assigned to one side of the argument. While a particular assignment may be opposite to your personal view or opinion, you are required to deliver the most effective and logical debate arguments for your side. You should include scientific, social, economic and cultural arguments. You should draw

upon literature, your major, personal experience or expertise to advance your arguments. There is no audience, everyone is engaged in a debate on the topic simultaneously.

Getting ready for the debate

Understand the debate groups in the table. You are a member of a team with access to your team's discussion (click the Discussions tab within Canvas, you should see only PRO or CON but not both). Every team remains the same throughout the semester and you will debate different opposing teams. Your discussion group shares the same side (pro or con, alternating). Help your team formulate the most effective debate strategy and points online. The opposing team cannot see your team discussion.

You must chat and formulate arguments with other students on the same side online. This is the basis for your participation grade. Make sure you talk to your teammates within Carmen and not on other platforms. The “debate participation grade” totals 40 points.

TEAM #	Four randomly assigned teams of four students will debate as follows. Your team does not change.	Jan 23		Feb 18		March 19		April 7	
		pro	con	Pro	Con	pro	con	pro	con
1	<i>Names will appear here once the spring roster is known. This is your debate team</i>	1	2	4	1	1	3	2	1
2	<i>That will engage different students and</i>	1	2	2	3	4	2	2	1
3	<i>Different views throughout the semester.</i>	3	4	2	3	3	1	4	3
4		3	4	4	1	2	4	4	3

In the above pairings, each row (teams 1 through 4) represents one debate involving eight students. So just read across the row to find your assignment. Example: Team 1 is [xx] so they are PRO on January 24 against team 2 who is CON [xx]. Next time, team 1 is CON and debates team 4 who is PRO on February 19. You encounter different students and take different sides throughout the semester to benefit from diverse opinions.

Each member of each team is responsible for gathering facts to support a group position. A good debater also understands the arguments the opposition is likely to raise and has counter-arguments prepared. PRO side and CON side members should collaborate on a strategy before the debate. Each person must contribute to the online discussion for your assigned side. We will see who participates and we will read your posts. The quality of contribution is part of the grade. Quiz questions may also come from the online discussions.

Please work as a team and ensure each member does not argue the same points. For example if there are four team members, agree on four or more main arguments supporting your position.

For the first debate

Each zoom breakout room will include your team and the opposing team. Please connect ahead of the start time. All debate groups will argue simultaneously in zoom and instructors will visit. There will be no audience other than instructors and every student should participate. At **9:30 AM** you should be in zoom breakout rooms assigned by Dr. Lee:

<i>team</i>	<i>PRO Student Teams*</i>	<i>team</i>	<i>CON Student Teams*</i>	<i>Total</i>	<i>Location</i>
1	4 Students TBA	2	4 Names here after Jan 11	8	Breakout 1
3	4 Students TBA	4	4 Names here after Jan 11	8	Breakout 2
5	More students	6	Add rows as needed	+	Breakout 3

*Tentative assignment pending any adds or drops.

Debate timing

Each team member will have up to three minutes for an opening argument. When time is signaled, the next debater on the opposite side of the question will have three minutes. Everyone on the team must take a turn debating their assigned position. At the end of the first round, a second follow-up round of 2 minutes each will occur. Design your presentation strategy so that you make your case concisely and effectively. Include facts or opinions to support your arguments and be clear which is which. You should listen carefully to opponent arguments so you can question them in the follow-up round. Pick a person to share the main points of your group's debate, as each breakout will join the entire class at the end.

All debate groups argue simultaneously. To give everyone equal time we follow this schedule. This may seem proscriptive, but this establishes format.

Design your 4 minute argument so that you make your case concisely and effectively.

- 4 minutes: Pro team member 1 argument
- 4 minutes: Anti team member 1
- 4 minutes: Pro team member 2
- 4 minutes: Anti team member 2
- 4 minutes: Pro team member 3
- 4 minutes: Anti team member 3

Use your 2 minute rebuttal to point out weak or unsubstantiated arguments by your opponents.

- 2 minutes: Pro team member 1 rebuttal
- 2 minutes: Anti team member 1 rebuttal
- 2 minutes: Pro team member 2 rebuttal
- 2 minutes: Anti team member 2 rebuttal
- 2 minutes: Pro team member 3 rebuttal
- 2 minutes: Anti team member 3 rebuttal
- 3 minutes: Pick a PRO and a CON spokesperson from your side. Agree upon major arguments for each to report to the class. Then...

EVERYONE RETURNS TO one zoom session automatically.

- Your group provides a summary of the conversation and whether or not a consensus was reached.
- **25 minutes: Closed book quiz on this debate topic.**

The day of debate quiz

You will get an online quiz about the debate topic. The debate and quiz is worth 20 points for a total of 80 points for the semester. It is not possible to make-up a missed class debate. So if you completely opt-out of a debate you lose 20 points. An absence is unfair to your teammates. Mark your calendar now to ensure you do not miss a debate.

The quiz is on the debate topic and related alcohol subjects. Anything discussed on-line and any reading material suggested for debate preparation is the basis for quiz questions. Since you can only see half of the on-line discussion (either PRO or CON), I may have different questions for PRO and for CON and you will only be required to answer your side of the argument.

Please note these debate times on your calendar and do not miss it:

Debate 1	January 28	<i>Debate 1 and quiz about this topic: The legal drinking age should be lower than 21. PRO: Argue in favor of an age less than age 21. CON: Argue the current national age 21 drinking age should remain in effect.</i>
Debate 2	Feb 18	<i>Debate 2 and quiz: Is alcoholism a disease or is it a lifestyle choice? PRO: argue alcoholism is a disease. CON: argue alcoholism is a lifestyle choice.</i>
Debate 3	March 23	<i>Debate 3 and quiz: Marijuana and alcohol should have identical legal and regulatory status. PRO: Legalize recreational weed under the same conditions that now exist for alcohol. CON: Weed should not be regulated under the same conditions that apply to alcohol.</i>
Debate 4	April 13	<i>Debate 4 and quiz about this topic: Class picks this topic. This debate topic is by class consensus.</i>

If you have an irreconcilable team conflict please let me know. It may be possible to switch places with another if that kind soul is agreeable. If you have a team member who is a chronic non-contributor, [please let me know](#). I will discuss it with the non-contributor as it will affect the individual's grade.

Class topics will change as this is an early syllabus, but the dates and times are set.

Spring 2021 Class Calendar ~ FST 4597.01 ~ Alcohol & Society

ColorKey:		Debate & quiz	Guests	Exams	Field trip	No Class
Date:	#	9:35AM - As content is continually updated this schedule will change.				
Tuesday January 12, 2021 ONLINE	1	Welcome to Alcohol and Society! Introduction and how online may work. <ul style="list-style-type: none"> Syllabus, debate format, course calendar, policies, goals and expectations. What do you want to learn about alcohol? Define terms. Explore brief history of alcohol use. Outline the values and costs to society of alcohol use. Meet your debate team. 				
Thursday Jan 14 ONLINE	2	Exploring Alcohol <ul style="list-style-type: none"> Beverage and non-beverage alcohol. Special report on female binge drinking. Explore brief history of alcohol use. Wine origins and AVA (American Viticulture Areas). Starting with grapes. Outline the values and costs to society of alcohol use. 				
Mon Jan 18		<i>Martin Luther King Holiday no classes</i>				
Tuesday Jan 19 ONLINE	3	Historical Aspects of Alcohol <ul style="list-style-type: none"> Debate team updates based on 2nd week enrollment. What is the embroglio about mixing caffeine and alcohol? Understand the history of alcohol production: beer, spirits and wine. 				

		<ul style="list-style-type: none"> Evaluate role of alcohol on trade and economics. Know why proof, regulation, taxation and local control are important. Early attitudes about wine.
Thursday Jan 21 ONLINE	4	Alcohol in war. Demographics of alcohol use or abuse <ul style="list-style-type: none"> Alcohol in warfare and historical attitudes. The Whiskey Rebellion Spirit, wine and beer production trends Global and domestic drinking patterns How to determine America's drunkest cities Characteristics of drinkers
Tuesday Jan 26	5	Demographics and alcohol metabolism. In person class if allowed. <ul style="list-style-type: none"> Debate primer on the 21 drinking age. Where are America's drunkest cities? Drinking among college students and drinking at the Shoe. Underage drinking. Ethanol as food.
Thursday Jan 28	6	<i>Debate 1 and quiz about this topic: The legal drinking age should be lowered. PRO: Argue in favor of an age less than 21. CON: Argue the current national 21 drinking age should remain in effect.</i>
Tuesday Feb 2	7	Acute and Chronic Effects on Human Health <ul style="list-style-type: none"> First debate results Ethanol as a drug. Digestion of alcohol. BAC = Blood Alcohol Levels, how much is too much? Acute (short term) toxic effects. Hangovers and remedies, dehydration, hypothermia. Cardiovascular disease and cancer– the J shaped curve
Thurs Feb 4	8	Exam 1, closed book, covers all material from sessions 1 to 7 inclusive
Tuesday Feb 9	9	Chronic Health Effects of Alcohol <ul style="list-style-type: none"> Studies related to cardiovascular disease and cancer– the J shaped curve Types of scientific evidence Major and minor causes of death in the USA Mechanisms of effect ALD, liver cirrhosis, fetal alcohol syndrome Cancer and brain development
Thursday Feb 11	10	Chronic Effects and Problem Drinking <ul style="list-style-type: none"> Alcohol and the brain; marijuana effects. Impact of alcohol on long term human health. Problem drinking and problem drinkers. Alcohol poisoning Understanding the genetic component. The three stages of treatment for alcoholism.
Tuesday Feb 16 Mardi Gras	11	Treatment Programs <ul style="list-style-type: none"> Detoxification / medical treatment / change behavior Outline intervention programs Drug treatments; Social therapies and support groups; Alcoholics Anonymous; Family support (Al-anon) WFS, SOS, RR, MM
Thursday Feb 18	12	<i>Debate 2 and quiz: Is alcoholism a disease or is it a lifestyle choice? PRO: It is a disease. CON: It is a lifestyle choice.</i>

Tuesday Feb 23	x	<i>Instructional break 1: Feb 23 and Feb 24 added back at semester's end.</i>
Thursday Feb 25	13	Addiction and Recovery with Ahmed Hasni.2 <ul style="list-style-type: none"> • Substance use disorder continuum • Pathways to recovery • Collegiate recovery programs • Peer to peer support and Penn Place • Graduation, retention and wellness
Tuesday March 2	14	Abuse Addiction and Alcoholism <ul style="list-style-type: none"> • Examine meaning of various forms of alcohol use, <i>such as alcohol abuse, dependence or addiction.</i> • Describe criteria for establishing alcohol abuse. • Examine the causes of alcoholism.
Thursday March 4	15	Causes and Regulations <ul style="list-style-type: none"> • Genetic and biochemical basis for chemical dependence • Laws overseeing the making of beer, wine and spirits. • Explore the reasoning for local control. • Examine Driving Under the Influence = DUI = DWI
Tuesday March 9	16	Thinking of Drinking at Ohio State <ul style="list-style-type: none"> • Public safety; Beer goggles with OSU Police (<i>Detective Cassie Griffiths.55</i>). • Dealing with alcohol issues on campus.
Thursday March 11	17	The 18th Amendments to the US Constitution: Prohibition. <ul style="list-style-type: none"> • Describe temperance movements throughout history. • The Gin Craze in 18th century England • Temperance and colonial American drinking • Examine societal conditions leading to the 18th Amendment.
Tuesday March 16	18	Exam 2 covering all material since exam 1. Includes debates & guests.
Thursday March 18	19	The 21st Amendment to the US Constitution: Repeal <ul style="list-style-type: none"> • Was the grand experiment successful? • Organized crime and moonshine. • Examine societal conditions leading to the 21st Amendment. • Contrast neo-prohibition with earlier movements.
Tuesday March 23	20	<i>Debate 3 and quiz: Marijuana and alcohol should have identical legal and regulatory status. PRO: Legalize weed under the same conditions that now exist for alcohol. CON: Weed should remain illegal, different from alcohol regulation.</i>
Thursday March 25	21	World of Wine part one OR Visit a Local Distillery <ul style="list-style-type: none"> • Discuss the origin and historical importance of wine making. • Examine grape varieties and resulting wine, wine making. <i>If pandemic allows it a field trip to</i> Middle West Spirits: Field trip bus leaves at 9:35am or go directly to 1230 Courtland Ave, Columbus 43201 / 614.299.2460 323.2655 Five of the world's most high-tech distilleries www.middlewestspirits.com
Tuesday March 30	22	World of Wine part two. A Primer on Brewing <ul style="list-style-type: none"> • How wine is made. • Discuss particular wine types. • Analyze patterns of wine consumption. • Putting the finish on wine.

		<ul style="list-style-type: none"> The invention of beer.
Thursday April 1	x	<i>Two Day Break: No classes March 31- April 1. Please drink in moderation.</i>
Tuesday April 6	23	The Invention and Domestication of Beer <ul style="list-style-type: none"> The invention of palcohol. The history and evolution of beer Beer with defined ingredients. Ale and Lager. Reinheitsgebot. Hops.
Thursday April 8	24	Brewing Science and Brewing Business <ul style="list-style-type: none"> Recap of the Middle West Spirits field trip Review the four key beer ingredients. A look at regulation and the 3 tier system. Explore the technology of beer making. Brands and craft brewing.
Tuesday April 13	25	<i>Debate 4 and quiz about this topic: Class picks the issue.</i>
Thursday April 15	26	We will see if social distancing allows a visit to Wolfs Ridge Brewing Company , Columbus (Jess Hummel, Alan Szuter) http://www.wolfsridgebrewing.com/ 4th Street, Columbus, Ohio 43215 (614) 429-3936 Info@Wolfsridgebrewing.Com Jess 513.708.1344
Tuesday April 20	27	A Spirited Discussion of Distillation! <ul style="list-style-type: none"> Discuss origin and historical impact of distilled spirits. How is it made? What are the various types of spirits?
Thursday April 22	28	Exam 3, in class, closed book, all material from 19 to 27 inclusive.
May 9		<i>Spring Commencement. Congratulations on a remarkable accomplishment.</i>

This version uploaded to syllabus.osu.edu 12/11/20. The most up to date syllabus is on the class Carmen site accessed by all enrolled students. Email lee.133@osu.edu for any updates.