



Colorado State University
GLOBAL CAMPUS

ITS325: TECHNOLOGY, ETHICS, AND GLOBAL COMMUNITY

Credit Hours: 3

Contact Hours: This is a 3-credit course, offered in accelerated format. This means that 16 weeks of material is covered in 8 weeks. The exact number of hours per week that you can expect to spend on each course will vary based upon the weekly coursework, as well as your study style and preferences. You should plan to spend 14-20 hours per week in each course reading material, interacting on the discussion boards, writing papers, completing projects, and doing research.

Faculty Information: Faculty contact information and office hours can be found on the faculty profile page.

COURSE DESCRIPTION AND OUTCOMES

Course Description:

The course provides an exploration of the relationships between science, ethics, and technology, and the understanding of their roles in the global community. Students will understand and apply cyber law to the global marketplace as well as provide examples of Internet business models and how they are impacted by patent law. Students will gain a detailed understanding of the relationship that exists between technology and ethics from a business perspective.

Course Overview:

The course emphasizes the relationships among science, ethics, and technology, and facilitates an understanding of their roles in the global community. You will learn about cyber law and its applications in the global marketplace as well as explore examples of Internet business models and the ways in which they are affected by intellectual property rights. The central ethical question of the course juxtaposes freedom of development and social justice. Course topics include the history of technology, distribution of benefits and the trade-offs inherent in technological innovation, varying perspectives on globalization, consideration of the role of government in balancing freedom and security, the role of government in technological development, online collaboration, and the modifications of law to address situations encountered in cyberspace.

Course Learning Outcomes:

1. Describe national and international cyber laws for science and technology.
2. Apply concepts in determining actions and compliance within the environments of science and innovation.
3. Summarize regulatory, compliance, and liability environments of data, business and technology.
4. Apply technology and cyber law to national and international business models and business cycles.
5. Discuss intellectual property laws, transaction laws, and dispute resolution methods.
6. Select ethical models and resources that can facilitate international business environments.

PARTICIPATION & ATTENDANCE

Prompt and consistent attendance in your online courses is essential for your success at CSU-Global Campus. Failure to verify your attendance within the first 7 days of this course may result in your withdrawal. If for some reason you would like to drop a course, please contact your advisor.

Online classes have deadlines, assignments, and participation requirements just like on-campus classes. Budget your time carefully and keep an open line of communication with your instructor. If you are having technical problems, problems with your assignments, or other problems that are impeding your progress, let your instructor know as soon as possible.

COURSE MATERIALS

Required:

Rustad, M. (2015). *Global internet law in a nutshell* (3rd ed.). St. Paul, MN: West. ISBN-13: 9781634596848

Winston, M., & Edelbach, R. (2014). *Society, ethics, & technology* (5th ed.). Boston, MA: Wadsworth Cengage Learning. ISBN-13: 9781133943556

NOTE: All non-textbook required readings and materials necessary to complete assignments, discussions, and/or supplemental or required exercises are provided within the course itself. Please read through each course module carefully.

COURSE SCHEDULE

Due Dates

The Academic Week at CSU-Global begins on Monday and ends the following Sunday.

- **Discussion Boards:** The original post must be completed by Thursday at 11:59 p.m. MT and peer responses posted by Sunday at 11:59 p.m. MT. Late posts may not be awarded points.
- **Opening Exercises:** Take the Opening Exercise before reading each week's content to see which areas you will need to focus on. You may take these exercises as many times as you need. The Opening Exercises will not affect your final grade.
- **Mastery Exercises:** Students may access and retake Mastery Exercises through the last day of class until they achieve the scores they desire.
- **Critical Thinking:** Assignments are due Sunday at 11:59 p.m. MT.

WEEKLY READING AND ASSIGNMENT DETAILS

Module 1

Readings

- Chapters 1.1 & 1.2 in *Global Internet Law in a Nutshell*
- Chapter 1.1.4 in *Society, Ethics, & Technology*

- Graesser, A. (2013). Evolution of advanced learning technologies in the 21st century. *Theory into Practice*, 52(sup1), 93-101. doi:10.1080/00405841.2013.795446
- Marien, M. (2014). The second machine age: Work, progress, and prosperity in a time of brilliant technologies. *Cadmus*, 2(2), 174-179.

Opening Exercise (0 points)

Discussion (25 points)

Mastery Exercise (10 points)

Critical Thinking (70 points)

Choose one of the following two assignments to complete this week. Do not complete both assignments. Identify your assignment choice in the title of your submission. Note that while there are two options for the Critical Thinking Assignment, there is only one rubric. Review the rubric to confirm you are meeting the assignment requirements.

Option #1: Technology and Society

In a well-written paper, choose three technological innovations and describe the effect each change had on society. Then choose one very recent technological change and predict at least two ways in which society might change as a result of this technology. Be sure to provide detail and use historical examples from the readings or from your own research to support your predictions.

Your paper should meet the following requirements:

- Be two to three pages in length.
- Include at least three references from the readings or outside sources. The CSU-Global Library is a good place to find your sources.
- Follow the CSU-Global Guide to Writing & APA.

Option #2: Evolution of the Web

In a well-written paper, draw on this week's readings from the prescribed text book to describe the evolution of Web 1.0, 2.0, and 3.0. Describe what makes 3.0 sophisticated. Describe the pros and cons of interactive internet technologies. Use real-life examples where applicable. Be sure to provide detail and use historical examples from the text or from your own research to support your predictions.

Your paper should meet the following requirements:

- Be two to three pages in length.
- Include at least three references from the readings or outside sources. The CSU-Global Library is a good place to find your sources.
- Follow the CSU-Global Guide to Writing & APA.

Module 2

Readings

- Chapters 2.1, 2.2, & 2.3 in *Global Internet Law in a Nutshell*
- Introduction & Chapter 1.2.1 in *Society, Ethics, & Technology*
- Douglas, D. (2015). Towards a just and fair Internet: Applying Rawls' principles of justice to Internet regulation. *Ethics and Information Technology*, 17(1), 57-64. Retrieved from <https://link.springer.com/article/10.1007%2Fs10676-015-9361-1>

- Jasanoff, S. (2003). Technologies of humility: Citizen participation in governing science. *Minerva*, 41(3), 223-244.

Opening Exercise (0 points)

Discussion (25 points)

Mastery Exercise (10 points)

Critical Thinking (75 points)

Choose one of the following two assignments to complete this week. Do not complete both assignments. Identify your assignment choice in the title of your submission. Note that while there are two options for the Critical Thinking Assignment, there is only one rubric. Review the rubric to confirm you are meeting the assignment requirements.

Option #1: Developing Technologies of Humility

This week's Critical Thinking assignment requires you to choose a technology with which you regularly interact. An example can be a wearable watch or a social media group that you depend on to help you manage aspects of day-to-day life. (You can use the same technology you used for the Module 2 Critical Thinking assignment or a different technology.) In a paper, identify potential ways in which your chosen technology can be used either as a means of enabling participation or as a contributor to social justice, or both. Be sure to provide detail and use examples to support your assessment of the technology's potential.

Use the following as a guideline for your assessment and support your work with specific examples from the text or other research.

- **Framing:** Consider the problem this technology was meant to address. Is it framed properly or are essential elements left out of consideration? How could the problem be reframed to include as many relevant elements as possible?
- **Vulnerability:** What factors contribute to the vulnerability of certain populations due to this technology? What besides humans may be made vulnerable by this technology?
- **Distribution:** What structures—social, institutional or physical—would you suggest putting in place for examining the distributive consequences of this technology?
- **Learning:** Describe any lessons that you think are to be learned from the current use of this technology. Are there barriers to this learning being conveyed to decision makers?

Your paper should be well written and meet the following requirements:

- Be two to three pages in length.
- Include at least three references from the readings or outside sources. The CSU-Global Library is a good place to find your sources.
- Follow the CSU-Global Guide to Writing & APA.

Option #2: Ubiquitous Technologies and Governance

This week's Critical Thinking assignment is based on one of this week's required readings, David Douglas' "Towards a just and fair Internet: Applying Rawls' principles of justice to Internet regulation."

Begin your paper by briefly differentiating between Jasanoff's "technologies of hubris" and "technologies of humility." Then choose a technological development that has some effect on your personal life or your community (e.g., GMOs, transportation, the internet, resource mining, communication, artificial intelligence, pharmaceutical medicines, etc.). In your paper, follow Jasanoff's

four focal points to create an assessment of what decision makers should take into consideration when determining the path for the development of this technology.

Use the following as a guideline for your assessment and support your work with specific examples from the text or other research.

- **Framing:** Consider the problem this technology was meant to address. Is it framed properly or are essential elements left out of consideration? How could the problem be reframed to include as many relevant elements as possible?
- **Vulnerability:** What factors contribute to the vulnerability of certain populations due to this technology? What besides humans may be made vulnerable by this technology?
- **Distribution:** What structures—social, institutional or physical—would you suggest putting in place for examining the distributive consequences of this technology?
- **Learning:** Describe any lessons that you think are to be learned from the current use of this technology. Are there barriers to this learning being conveyed to decision makers?

Your paper should be well written and meet the following requirements:

- Be two to three pages in length.
- Include at least three references from the readings or outside sources. The CSU-Global Library is a good place to find your sources.
- Follow the CSU-Global Guide to Writing & APA.

Module 3

Readings

- Chapter 3 in *Global Internet Law in a Nutshell*
- Chapter 1.1.2 in *Society, Ethics, & Technology*
- Cecere, G., Le Guel, F., & Soulie, N. (2015). Perceived internet privacy concerns on social networks in Europe. *Technological Forecasting and Social Change*, 96, 277-287.

Opening Exercise (0 points)

Discussion (25 points)

Mastery Exercise (10 points)

Critical Thinking (75 points)

Choose one of the following two assignments to complete this week. Do not complete both assignments. Identify your assignment choice in the title of your submission. Note that while there are two options for the Critical Thinking Assignment there is only one rubric. Review the rubric to confirm you are meeting the assignment requirements.

Option # 1: Freedom and Social Justice

This week's Critical Thinking assignment is based on the articles, *Views of Technology*, (Barbour, 1993) and *Technology and Social Justice*, (Dyson, 1997). Begin your paper by briefly describing Barbour and Dyson's ideas about freedom and social justice, particularly as they relate to technology. Then choose a technology with which you regularly interact. You can use the same technology you used for the Module 2 Critical Thinking assignment or a different technology.

In your paper, identify potential ways in which your chosen technology can be used either as a means of enabling participation, or as a contributor to social justice, or both. Be sure to provide detail and use examples to support your assessment of the technology's potential.

Your paper should be well written and meet the following requirements:

- Be two to three pages in length.
- Include at least three references from the readings or outside sources. The CSU-Global Library is a good place to find your sources.
- Follow the CSU-Global Guide to Writing & APA.

Option #2: Freedom and Social Justice

This week's Critical Thinking assignment is based on the articles by Ingrid Robeyns, Ethics Institute of Utrecht University. Begin your paper by briefly describing Ingrid Robeyns' capability approach. What are some of the worries of the skeptics? Then expand on the scope and development of the capability approach.

In your paper, be sure to provide detail and use examples to support your assessment of the technology's potential and a yardstick for the evaluation of prosperity and progress.

Your paper should be well written and meet the following requirements:

- Be two to three pages in length.
- Include at least three references from the readings or outside sources. The CSU-Global Library is a good place to find your sources.
- Follow the CSU-Global Guide to Writing & APA.

Module 4

Readings

- Chapter 5 in *Global Internet Law in a Nutshell*
- Chapter 1.1.3 in *Society, Ethics, & Technology*
- Rappa, M. (2010). *Business models on the Web*. Retrieved from <http://digitalenterprise.org/models/models.html>

Opening Exercise (0 points)

Discussion (25 points)

Mastery Exercise (10 points)

Portfolio Milestone: Submit an Outline of Portfolio Project (25 points)

For the final Portfolio Project, you have two options from which to choose (see the Module 8 folder for those descriptions). This week state your paper topic. Provide four scholarly articles/sources/videos that you might consider using for your final Portfolio Project. Give a short reason why each would be pertinent to your project. Lastly, add a reference section at the end of your paper and cite each of your four scholarly sources in APA format.

- Add a reference section for your research sources.
- Format your outline according to the CSU-Global Guide to Writing & APA.

Module 5

Readings

- Chapter 6 through 6-1 A - E in *Global Internet Law in a Nutshell*
- Chapter 2.1.1 in *Society, Ethics, & Technology*
- Park, S. (2014). Employee internet privacy: A proposed act that balances legitimate employer rights and employee privacy. *American Business Law Journal*, 51(4), 779-841.

Opening Exercise (0 points)

Discussion (25 points)

Mastery Exercise (10 points)

Critical Thinking (75 points)

Choose one of the following two assignments to complete this week. Do not complete both assignments. Identify your assignment choice in the title of your submission. Note that while there are two options for the Critical Thinking assignment, there is only one rubric. Review the rubric to confirm you are meeting the assignment requirements.

Option #1: Legal Protections for E-commerce

In this assignment you'll examine the legal protections for e-commerce. From the readings or from your own research, choose three U.S. laws that regulate the use of the internet for commercial purposes. You can choose laws that protect the consumer, the provider, or both. In your discussion, also include the issue of jurisdiction when conducting e-commerce transactions.

In a well-written paper, provide an overview of each law and what it's meant to prevent or protect. Based on what you've learned so far in the course, propose at least two legal or technological solutions that might enhance the transaction of business via the internet.

Your paper should be well written and meet the following requirements:

- Be two to three pages in length.
- Include at least three references from the readings or outside sources. The CSU-Global Library is a good place to find your sources.
- Follow the CSU-Global Guide to Writing & APA.

Option #2: Legal Protections for E-commerce

In this assignment you'll examine the legal protections for e-commerce. From the readings or from your own research, choose three EU (European Union) laws that regulate the use of the Internet for commercial purposes. You can choose laws that protect the consumer, the provider, or both. In your discussion, also include the issue of jurisdiction when conducting e-commerce transactions.

In a well-written paper, provide an overview of each law and what it's meant to prevent or protect. Based on what you've learned so far in the course, propose at least two legal or technological solutions that might enhance the transaction of business via the internet.

Your paper should be well written and meet the following requirements:

- Be two to three pages in length.
- Include at least three references from the readings or outside sources. The CSU-Global Library is a good place to find your sources.
- Follow the CSU-Global Guide to Writing & APA.

Module 6

Readings

- Chapters 7-1 through 7-6 in *Global Internet Law in a Nutshell*
- Chapter 2.1.3 in *Society, Ethics, & Technology*

Opening Exercise (0 points)

Discussion (25 points)

Mastery Exercise (10 points)

Critical Thinking (75 points)

Choose one of the following two assignments to complete this week. Do not complete both assignments. Identify your assignment choice in the title of your submission. Note that while there are two options for the Critical Thinking assignment, there is only one rubric. Review the rubric to confirm you are meeting the assignment requirements.

Option #1: Internet Rulings, Laws, and Regulations

From this module's *Global Internet Law in a Nutshell* readings choose three rulings, laws, or regulations that relate in some way to your use of the internet. In a well-written paper, briefly summarize each case, law or regulation and describe the effect it has or could have on your internet use. How thorough is the privacy protection offered by each ruling, law or regulation? What, if any, suggestions would you have for changing each ruling, law, or regulation to strengthen privacy rights?

Your paper should be well written and meet the following requirements:

- Be two to three pages in length.
- Include at least three references from the readings or outside sources. The CSU-Global Library is a good place to find your sources.
- Follow the CSU-Global Guide to Writing & APA.

Option #2: Internet Rulings, Laws, and Regulations

From this module's *Global Internet Law in a Nutshell* readings choose three rulings, laws, or regulations that relate in some way to your use of the internet. In a well-written paper, briefly summarize your perspectives on global internet governance providing an overview of the following:

- an overview of Cyberlaw;
- arguments against and in support of internet law, describing the five models of Internet governance;
- your detailed paper should include domain assumptions; and
- your summary should bring the story together of all the topics covered in your own words.

Your paper should be well written and meet the following requirements:

- Be two to three pages in length.
- Include at least three references from the readings or outside sources. The CSU-Global Library is a good place to find your sources.
- Follow the CSU-Global Guide to Writing & APA.

Module 7

Readings

- Chapters 8-1 & 8-2 in *Global Internet Law in a Nutshell*

- Chapter 2.1.4 in *Society, Ethics, & Technology*

Opening Exercise (0 points)

Discussion (25 points)

Module 8

Readings

- Chapters 9-1 thru 9-6 in *Global Internet Law in a Nutshell*
- Appendix B and Chapter 2.6.1 in *Society, Ethics, & Technology*

Opening Exercise (0 points)

Discussion (25 points)

Mastery Exercise (10 points)

Portfolio Project (325 points)

Choose one of the following two assignments to complete this week. Do not complete both assignments. Identify your assignment choice in the title of your submission. Note that while there are two options for the Portfolio Project, there is only one rubric. Review the rubric to confirm you are meeting the assignment requirements.

Option #1: Online Venture

You are working to develop an online venture. It is your goal to make a difference. Whether your project is for-profit or not-for-profit, you must raise revenue (in the case of a not-for-profit you must sustain the cause), so you will need to use one of the online business models. In developing a plan, you must take into consideration the potential ethical concerns, social impacts and legal issues involved in undertaking the venture.

In a well-written paper, develop a plan that addresses the above considerations. You should also include the following in your plan:

- a basic overview of the online venture, including its mission;
- the type of online business model to be used for the venture;
- a summary of how this venture will appeal to various cultures;
- an analysis of the affects this venture might have on various cultures;
- any ethical issues this business can address, could encounter, or both;
- potential risks associated with operating an online venture such as this one;
- strategies for protecting privacy;
- discussion of any needed copyrights, trademarks, patents, or trade secrets, if applicable; and
- potential benefits brought about by this venture.

Your paper should also meet the following requirements:

- Be eight to ten pages in length.
- Include at least three references from the readings or outside sources. The CSU-Global Library is a good place to find your sources.
- Follow the CSU-Global Guide to Writing & APA.

Option #2: Online Venture

A brick-and-mortar store with 50 locations in North America and about 10 locations in Europe is trying to make its presence on the internet. Its strategic goal is to increase online revenues by 20% in five years while retaining its physical store presence.

You are assigned to develop a plan for the online venture. It is your goal to make a difference. It is a for-profit model with brick-and-mortar and online models to channel the revenues. You will need to use one of the online business models that complements the brick-and-mortar model. In developing a plan, you must take into consideration the potential ethical concerns, social impacts, and legal issues involved in undertaking the venture. Keep in mind that some of the customers are in EU, so make sure applicable EU privacy laws are followed.

In a well-written paper, develop a plan that addresses the above considerations. You should include the following in your plan:

- a basic overview of the hybrid model of the venture, including its mission;
- the type of business model to be used for the venture;
- a summary of how this venture will appeal to European customers;
- an analysis of the affects this venture might have on European culture (where applicable);
- any ethical issues this business can address, could encounter, or both;
- potential risks associated with operating an online venture in conjunction with brick-and-mortar stores;
- strategies for protecting privacy (HINT: GDPR);
- discussion of any needed copyrights, trademarks, patents, or trade secrets, if applicable; and
- potential benefits brought about by this venture.

Your paper should also meet the following requirements:

- Be eight to ten pages in length.
- Include at least three references from the readings or outside sources. The CSU-Global Library is a good place to find your sources.
- Follow the CSU-Global Guide to Writing & APA.

COURSE POLICIES

Grading Scale	
A	95.0 – 100
A-	90.0 – 94.9
B+	86.7 – 89.9
B	83.3 – 86.6
B-	80.0 – 83.2
C+	75.0 – 79.9
C	70.0 – 74.9
D	60.0 – 69.9
F	59.9 or below

Course Grading

20% Discussion Participation

0% Opening Exercises

8% Mastery Exercises

37% Critical Thinking Assignments

35% Final Portfolio Project

IN-CLASSROOM POLICIES

For information on late work and incomplete grade policies, please refer to our [In-Classroom Student Policies and Guidelines](#) or the Academic Catalog for comprehensive documentation of CSU-Global institutional policies.

Academic Integrity

Students must assume responsibility for maintaining honesty in all work submitted for credit and in any other work designated by the instructor of the course. Academic dishonesty includes cheating, fabrication, facilitating academic dishonesty, plagiarism, reusing /repurposing your own work (see CSU-Global Guide to Writing & APA for percentage of repurposed work that can be used in an assignment), unauthorized possession of academic materials, and unauthorized collaboration. The CSU-Global Library provides information on how students can avoid plagiarism by understanding what it is and how to use the Library and internet resources.

Citing Sources with APA Style

All students are expected to follow the CSU-Global Guide to Writing & APA when citing in APA (based on the most recent APA style manual) for all assignments. A link to this guide should also be provided within most assignment descriptions in your course.

Disability Services Statement

CSU-Global is committed to providing reasonable accommodations for all persons with disabilities. Any student with a documented disability requesting academic accommodations should contact the Disability Resource Coordinator at 720-279-0650 and/or email ada@CSUGlobal.edu for additional information to coordinate reasonable accommodations for students with documented disabilities.

Netiquette

Respect the diversity of opinions among the instructor and classmates and engage with them in a courteous, respectful, and professional manner. All posts and classroom communication must be conducted in accordance with the student code of conduct. Think before you push the Send button. Did you say just what you meant? How will the person on the other end read the words?

Maintain an environment free of harassment, stalking, threats, abuse, insults, or humiliation toward the instructor and classmates. This includes, but is not limited to, demeaning written or oral comments of an ethnic, religious, age, disability, sexist (or sexual orientation), or racist nature; and the unwanted sexual advances or intimidations by email, or on discussion boards and other postings within or connected to the online classroom. If you have concerns about something that has been said, please let your instructor know.