

**ENGL 212: Topics in Critical Writing: Techno-Futures**  
**Fall 2018 – Online**

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**In-person office hours:** Tu/Th 8:15-9:45 a.m.  
and by appointment  
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**Considerations before we begin this course:**

- ENGL 212 is a Category 10 course, meaning you will be writing a lot.
- This is an asynchronous course, meaning we will not be “meeting” for a virtual lecture nor will be meeting in person. You are responsible for completing each week’s module on time.
- Please read the course calendar, which is at the end of the syllabus, carefully. Note that some assignments are due at different times throughout the week, but all are due by 11:59 p.m. EST. If you are living in a different time zone, please make sure you take careful note of this requirement. No late assignments will be accepted. If you know there’s a conflict, submit your work early.

**Very important:** Ask yourself this question: “What will happen to my participation in this course if my computer goes down?” If the answer is “I am doomed,” then you should withdraw and register for a face-to-face section another time. You need to have backup technology plans, because a “down” computer will not excuse you from the work in this course. Please use a cloud-based storage system (such as Dropbox, Google Docs, or OneDrive) to save your work and have access to it in multiple locations.

**Category 10: Written Communication**

*Student Learning Outcomes*

Students will:

1. Summarize source material;
2. Analyze arguments conveyed in one or more modes of communication;
3. Synthesize sources to defend/support a thesis.

**Class procedures**

This course is divided into modules. You are expected to complete the activities in each module by the due dates. While all of the modules are available “on demand,” the modules are **NOT** self-paced—that is, each week has different activities that must be completed in that week (i.e., discussion posts). You must complete all the activities in each module to earn credit. Please be aware that some modules will require you to comment on others’ discussion posts. Just as you would in a face to face class, you are expected to be active and participate in discussion with your classmates. Failure to do so will result in a lower grade.

Participation in this course is asynchronous. You are not expected to be online at the same time as the professor or as your peers, as long as you complete the assignments. Each week, all instructions and assignments, along with a description of the week's activities, are made available to you in the “Modules” tab.

I check the course site daily and will generally respond to questions within 24-48 hours, so feel free to post any questions you have in the “Questions for Kim” discussion board. Please note, however, that

email is the easiest way for me to respond. Oftentimes, I will repost questions I receive via email on the “Questions for Kim” discussion board (with your name removed). Many students have the same questions, so this saves time for everyone. Please consider checking the “Questions for Kim” discussion board before emailing me—someone may have already asked the same question!

Canvas is not a new tool at SVSU, and I do expect you to be well versed in using Canvas. However, if you need help, please refer to the extensive library of Canvas how-to videos and help pages: <http://guides.instructure.com/>

### **Participation**

For this class, I strongly suggest you log on at least once a day, if for no other reason than just to keep up with what is going on in the course. I also want to reinforce that you should try to check the course at least one weekend day, even if you have completed the requirements for the week.

As in a face-to-face class, attendance does not equal participation. Merely logging in does not mean that you are participating in class.

I recommend that you treat this like a face-to-face class, meaning you set aside some time each week for you to “have class.” Even though we aren’t meeting, you should carve out specific time that you can devote to this course. That might mean two hours every Tuesday and Thursday, or it might mean three hours in the middle of the night. Whatever works for you, find a schedule and stick with it all semester. It will make keeping up with the course load much easier.

### **Tone**

The objective of the discussions we will have is to be collaborative rather than combative. Remember that even an innocent remark in the online environment can be easily misconstrued. Some suggestions to combat this are to carefully proofread your responses and to remember that humor online is sometimes difficult to carry off. Sarcasm is particularly difficult to get across in written form, so be careful.

### **Our classroom**

We will spend most of our time in class in following places:

- **Modules (direct access via “Modules” tab):** The entire semester is built around 16 weekly modules. In each module, you’ll find all the work to be completed that week. You should follow these in order.
- **Assignments (direct access via the “Assignments” tab):** Paper descriptions are available in the “Assignments” tab. You can also find these under the “Files” tab.
- **Discussion posts (direct access via the “Discussions” tab):** This is where you will be participating in the Current Events discussions, Questions and Answers, and some other activities. The “Modules” link right to where you need to go for each activity.
- **Weekly updates (direct access via each weekly “Module”):** At the start of each week I will post a short video discussing some of the issues of the week. These include, but are not limited to: reviewing assignments, tricky ideas, points of interest and confusion, answers to questions, etc. I will post the weekly update at the beginning of each weekly module.
- **Watch, Read, Browse/Click Around (direct access via each weekly “Module” tab):** Most weeks, you will be required to watch videos, read articles, or peruse a website. All of these are noted on the syllabus and are linked in the “Modules.” These assignments are self-explanatory.
- **Pages (direct access via the “Pages” tab):** This tab is a collection of smaller pages containing items we’ll be using this semester. These include your “Groups” (see note below), links, where you’ll post

your Anthology Project links, sign-up for Current Events, and other actions. All of this will be linked in the “Modules.”

- **Questions for Kim (direct access via “Discussions” tab):** Use this to post any questions that you have about the course, modules, etc. I generally check here first when I enter Canvas, so post any questions or problems (i.e., can't see links, when are things due, etc.) here. Others are free to answer in this forum as well. This discussion forum will be pinned to the top of the “Discussions” tab all semester.

*Special note about “groups”:* Each student will be assigned into one of four groups: A, B, C, or D. Most weeks, these groups will have some task to accomplish. Sometimes, this task will involve creating questions and facilitating a discussion while other weeks you will have to answer questions and respond to others. More specific instructions will be in the actual module itself. The groups are listed under “Pages” → “Group Assignments.”

### **Textbooks**

You might notice that we do not have any textbooks. All our texts (this includes readings and viewings) are weblinks. This course is part of an Open Education Resources grant, which supports the development of courses without requiring students to purchase textbooks. If you prefer to print out your materials, you should factor in that cost for the semester. However, you are not required to print anything if you don't want to.

### **Technology requirements**

To have success in this class, you are expected to access and use Canvas regularly. You should also have access to a cloud-based storage system (as noted above). For your papers, you must use some sort of word processing software. Office 365 is available to all SVSU students for free, which I encourage you to use. Additionally, you must have access to a means of creating and posting a video. This could simply be taking a video on your phone, tablet, or computer. Finally, you will also be required to have a dedicated blogging platform for the “Anthology Project” assignment (please see the assignment description for further details).

### **Assignments and Grading**

*Further details about assignments can be found under the “Assignments” and “Files” tabs on Canvas.*

*Please see the Course Calendar below for due dates.*

Questions and Answers: 24% (2% each)

Synthesis Essays: 25% (5% each)

Interview Assignment: 9%

Current Events Write-Up: 4%

Current Events Video Presentation: 4%

Current Events Discussion Facilitation: 4%

Current Events Participation (on the two weeks you're not “presenting”): 6% (3% each)

Ethical Evaluation Paper: 12%

Anthology Project: 12%

All assignments will use the ENGL 212 rubric, which can be found below at the end of this syllabus (following the course calendar) and on Canvas under the “Files” tab.

## Grading Scale

↑95%: A

↑90%: A-

↑87%: B+

↑83%: B

↑80%: B-

↑77%: C+

↑73%: C

↑60%: D

0%: F

All grades will be posted on Canvas. I will not share grades on social media.

*Special note on the grading scale:* SVSU does not assign C-, D+, D- grades. Anything below a 73% will result in a D. Anything below a 60% will result in a F.

*Special note about extra credit and extensions:* I do not give extra credit or extensions. Please complete all assignments to the best of your capabilities on time.

**Late work is unacceptable.** Please ensure that your work is submitted on time. The deadlines are clearly marked on all assignments and on the syllabus. If you know a due date conflicts with something outside of class, plan ahead and submit your assignment early. I will send a confirmation e-mail by 9 am the next morning. If you do not receive a confirmation e-mail, I did not receive your paper.

## Disability and Non-Discrimination Clause

Students with disabilities which may restrict their full participation in course activities are encouraged to meet with the instructor or contact the SVSU Office of Disability Services, Phone: 989-964-4168. SVSU does not discriminate based on race, religion, color, gender, sexual orientation, national origin, age, physical impairment, disability, or veteran status in the provision of education, employment, and other services.

## Academic Integrity Policy

According to the *SVSU Student Handbook*, "Academic integrity is undermined whenever one is dishonest in the pursuit of knowledge. Dishonesty takes many forms, including cheating, plagiarism, and other activities for undermining the educational process and will be reported to the Academic Conduct Board for further sanctions.

Forms of plagiarism include directly transcribing (copying) without quotation and attribution, summarizing without attribution, paraphrasing or patchwork paraphrasing without attribution, patching electronic materials (including pictures, graphs, and/or charts) without attribution. In ENGL 111 deliberate plagiarism or cheating in any form will result in the grade of zero (0) for the entire assignment. I reserve the right to use Turn It if necessary.

The full Academic Integrity Policy can be found here:

<http://www.svsu.edu/studentconductprograms/policies/academicintegritypolicy/>

## Writing Center Information

One of the many advantages of this University is the Writing Center. You are strongly encouraged to meet with a tutor to discuss your writing. Sessions at the Writing Center are available on a first come, first serve basis. Please stop by the Writing Center anytime you need additional help.

Writing Center Hours: M-R 11 a.m.-6 p.m.  
 Location: Zahnow 250 (2<sup>nd</sup> floor of the library)  
 Phone: 989-964-6061  
 Website: [www.svsu.edu/writingcenter](http://www.svsu.edu/writingcenter)

**Course Calendar**

Important notes:

- This schedule is subject to changes. If changes are made, you will be notified in writing via e-mail.
- Make sure you read through and complete the entire module for each week. The “module work” listed below is simply a checklist of weekly requirements. Each part of the modules has very specific directions.
- Only major papers are listed in the “Major Assignment Due” column. There is other work that needs to be completed during each week.

Dates	Reading	Major Assignment Due
Phase 1: Techno-Panic Through History		
Week 1 August 27- September 2	1.1 Welcome!  1.2 Watch Weekly Update #1  1.3 Discussion Post Introducing yourself  1.4 Read “4 Thought-Provoking Questions to Spark Conversation”: <a href="https://ideas.ted.com/4-thought-provoking-questions-to-spark-conversation/">https://ideas.ted.com/4-thought-provoking-questions-to-spark-conversation/</a>  1.5 Discussion post Respond to 4 questions in TED article  1.6 Watch Introduce Interview Assignment  1.7 Watch Introduce Synthesis Essays  1.8 Read “History’s Greatest Technopanis” <a href="http://www.bbc.com/future/story/20160701-historys-greatest-technopanis">http://www.bbc.com/future/story/20160701-historys-greatest-technopanis</a>	

	<p>“Techno-Panic Cycles”  <a href="https://techliberation.com/2011/02/24/techno-panic-cycles-and-how-the-latest-privacy-scare-fits-in/">https://techliberation.com/2011/02/24/techno-panic-cycles-and-how-the-latest-privacy-scare-fits-in/</a></p> <p>“The Victorians Had the Same Concerns”  <a href="http://theconversation.com/the-victorians-had-the-same-concerns-about-technology-as-we-do-60476">http://theconversation.com/the-victorians-had-the-same-concerns-about-technology-as-we-do-60476</a></p> <p>1.9 Watch  “Ray Kurzweil’s Craziest Predictions about the Future” (12:16)  <a href="https://www.youtube.com/watch?v=YaZRx7qoYdU">https://www.youtube.com/watch?v=YaZRx7qoYdU</a></p> <p>1.10 Questions and Answers  Group A: Create and post 2 Discussion Questions  Group B: Create and post 2 Content Questions  Group C: Respond to 2 Discussion Questions  Group D: Respond to 2 Content Questions</p>	
<p>Week 2:  September 3-  September 9</p> <p>Labor Day</p>	<p>2.1 Watch  Weekly Update #2</p> <p>2.2 Watch  Introduce Current Events Assignment</p> <p>2.3 Read  “Don’t Touch That Dial!”  <a href="http://www.slate.com/articles/health_and_science/science/2010/02/dont_touch_that_dial.html">http://www.slate.com/articles/health_and_science/science/2010/02/dont_touch_that_dial.html</a></p> <p>“Americans Are More Afraid of Robots Than Death”  <a href="https://www.theatlantic.com/technology/archive/2015/10/americans-are-more-afraid-of-robots-than-death/410929/">https://www.theatlantic.com/technology/archive/2015/10/americans-are-more-afraid-of-robots-than-death/410929/</a></p> <p>“11 Examples of Fear and Suspicion of New Technology”  <a href="http://lenwilson.us/11-examples-of-fear-and-suspicion-of-new-technology/">http://lenwilson.us/11-examples-of-fear-and-suspicion-of-new-technology/</a></p> <p>“More Than 70% of US Fears Robots Taking Over Our Lives, Survey Finds”  <a href="https://www.theguardian.com/technology/2017/oct/04/robots-artificial-intelligence-machines-us-survey">https://www.theguardian.com/technology/2017/oct/04/robots-artificial-intelligence-machines-us-survey</a></p> <p>“Humans Once Opposed Coffee and Refrigeration. Here’s Why We Hate New Stuff”</p>	<p>Synthesis #1</p>

	<p><a href="https://www.washingtonpost.com/news/innovations/wp/2016/07/21/humans-once-opposed-coffee-and-refrigeration-heres-why-we-often-hate-new-stuff/?noredirect=on&amp;utm_term=.71896d039551">https://www.washingtonpost.com/news/innovations/wp/2016/07/21/humans-once-opposed-coffee-and-refrigeration-heres-why-we-often-hate-new-stuff/?noredirect=on&amp;utm_term=.71896d039551</a></p> <p>“12 Technologies That Scared the World Senseless”  <a href="https://www.techradar.com/news/world-of-tech/12-technologies-that-scared-the-world-senseless-1249053">https://www.techradar.com/news/world-of-tech/12-technologies-that-scared-the-world-senseless-1249053</a></p> <p>“When People Feared Computers”  <a href="https://www.theatlantic.com/technology/archive/2015/03/when-people-feared-computers/388919/">https://www.theatlantic.com/technology/archive/2015/03/when-people-feared-computers/388919/</a></p> <p>2.4 Questions and Answers  Group A: Respond to 2 Discussion Questions  Group B: Respond to 2 Content Questions  Group C: Create and post 2 Discussion Questions  Group D: Create and post 2 Content Questions</p> <p>2.5 Reminder  Synthesis #1 due Sunday!</p>	
Phase 2: The Future of the Body		
<p>Week 3  September 10-  September 16</p>	<p>3.1 Watch  Weekly Update #3</p> <p>3.2 Read  “When State-of-the-Art is Second Best”  <a href="http://www.pbs.org/wgbh/nova/next/tech/durable-prostheses/">http://www.pbs.org/wgbh/nova/next/tech/durable-prostheses/</a></p> <p>“Inside the Memory Machine”  <a href="http://www.pbs.org/wgbh/nova/next/body/memory-prostheses/">http://www.pbs.org/wgbh/nova/next/body/memory-prostheses/</a></p> <p>“Creating a Prosthetic Hand That Can Feel”  <a href="https://spectrum.ieee.org/biomedical/bionics/creating-a-prosthetic-hand-that-can-feel">https://spectrum.ieee.org/biomedical/bionics/creating-a-prosthetic-hand-that-can-feel</a></p> <p>3.3 Watch  “The New Bionics That Let Us Run, Climb, and Dance”  (18:57)  <a href="https://www.ted.com/talks/hugh_herr_the_new_bionics_that_let_us_run_climb_and_dance">https://www.ted.com/talks/hugh_herr_the_new_bionics_that_let_us_run_climb_and_dance</a></p> <p>“My 12 Pairs of Legs” (9:55)  <a href="https://www.ted.com/talks/aimee_mullins_prosthetic_aesthetics">https://www.ted.com/talks/aimee_mullins_prosthetic_aesthetics</a></p>	

	<p>3.4 Questions and Answers  Group A: Create and post 2 Content Questions  Group B: Create and post 2 Discussion Questions  Group C: Respond to 2 Content Questions  Group D: Respond to 2 Discussion Questions</p>	
<p>Week 4  September 17-  September 23</p>	<p>4.1 Watch  Weekly Update #4</p> <p>4.2 Read  “Why Human Head Transplants Will Never Work”  <a href="https://www.livescience.com/60987-human-head-transplants-will-never-work.html">https://www.livescience.com/60987-human-head-transplants-will-never-work.html</a></p> <p>“World’s First Head Transplant Volunteer Could Experience Something ‘Worse Than Death’”  <a href="https://www.sciencealert.com/world-s-first-head-transplant-volunteer-could-experience-something-worse-than-death">https://www.sciencealert.com/world-s-first-head-transplant-volunteer-could-experience-something-worse-than-death</a></p> <p>4.3 Watch  “Head Transplantation: The Future Is Now” (17:46)  <a href="https://www.youtube.com/watch?v=EhChv5u3O4&amp;feature=youtu.be">https://www.youtube.com/watch?v=EhChv5u3O4&amp;feature=youtu.be</a></p> <p>4.4 Questions and Answers  Group A: Respond to 2 Content Questions  Group B: Respond to 2 Discussion Questions  Group C: Create and post 2 Content Questions  Group D: Create and post 2 Discussion Questions</p> <p>4.5 Reminder  Interview Assignment due Sunday!</p>	<p>Interview  Assignment</p>
<p>Week 5  September 24-  September 30</p>	<p>5.1 Watch  Weekly Update #5</p> <p>5.2 Read  “Why Cryonics Makes Sense”  <a href="https://waitbutwhy.com/2016/03/cryonics.html">https://waitbutwhy.com/2016/03/cryonics.html</a></p> <p>“Why Freezing Yourself Is A Terrible Way to Achieve Immortality”  <a href="https://gizmodo.com/why-freezing-yourself-is-a-terrible-way-to-achieve-immo-1552142674">https://gizmodo.com/why-freezing-yourself-is-a-terrible-way-to-achieve-immo-1552142674</a></p> <p>5.3 Browse/Click Around</p>	<p>Synthesis #2</p>

	<p><a href="http://www.cryonics.org/">http://www.cryonics.org/</a></p> <p>5.4 Watch  “A Roadmap to End Aging” (22:45)  <a href="https://www.ted.com/talks/aubrey_de_grey_says_we_could_avoid_aging">https://www.ted.com/talks/aubrey_de_grey_says_we_could_avoid_aging</a></p> <p>“Suspended Animation is within Our Grasp” (18:06)  <a href="https://www.ted.com/talks/mark_roth_suspended_animation">https://www.ted.com/talks/mark_roth_suspended_animation</a></p> <p>5.5 Questions and Answers  Group A: Create and post 2 Discussion Questions  Group B: Create and post 2 Content Questions  Group C: Respond to 2 Discussion Questions  Group D: Respond to 2 Content Questions</p> <p>5.6 Reminder  Synthesis #2 due Sunday!</p> <p>5.7 Reminder  Current Events Week next week!</p>	
Week 6 October 1- October 7	6.1 Watch Weekly Update #6	Current Events: Write-up and Video due <u>Monday</u>
Phase 3: Intelligent Systems		
Week 7 October 8- October 14	7.1 Watch Weekly Update #7	
	7.2 Watch Introduce Ethical Evaluation	
	7.3 Watch “IBM Watson: How It Works” (7:53) <a href="https://www.youtube.com/watch?v=Xcmh1LQB9I">https://www.youtube.com/watch?v=Xcmh1LQB9I</a>	
	<i>Jeopardy!</i> (Watch first of three episodes listed) (20:19) <a href="https://archive.org/details/Jeopardy.2011.02.The.IBM.Challenge">https://archive.org/details/Jeopardy.2011.02.The.IBM.Challenge</a>	

	<p>7.4 Browse/Click Around  <a href="https://www.ibm.com/watson/">https://www.ibm.com/watson/</a></p> <p>7.5 Read  “Watson’s Next Feat? Taking on Cancer”  <a href="https://www.washingtonpost.com/sf/national/2015/06/27/watsons-next-feat-taking-on-cancer/?utm_term=.02b025102eb7">https://www.washingtonpost.com/sf/national/2015/06/27/watsons-next-feat-taking-on-cancer/?utm_term=.02b025102eb7</a></p> <p>“MD Anderson Benches IBM Watson in Setback for Artificial Intelligence in Medicine”  <a href="https://www.forbes.com/sites/matthewherper/2017/02/19/md-anderson-benches-ibm-watson-in-setback-for-artificial-intelligence-in-medicine/#77c90e4e3774">https://www.forbes.com/sites/matthewherper/2017/02/19/md-anderson-benches-ibm-watson-in-setback-for-artificial-intelligence-in-medicine/#77c90e4e3774</a></p> <p>7.6 Questions and Answers  Group A: Respond to 2 Content Questions  Group B: Respond to 2 Discussion Questions  Group C: Create and post 2 Discussion Questions  Group D: Create and post 2 Content Questions</p>	
<p>Week 8  October 15-  October 21</p>	<p>8.1 Watch  Weekly Update #8</p> <p>8.2 Watch  Introduce Anthology Project</p> <p>8.3 Browse/Click Around  <a href="http://sophiabot.com/">http://sophiabot.com/</a></p> <p>8.4 Read  “Facebook’s Head of AI Really Hates Sophia the Robot (and with Good Reason)”  <a href="https://www.theverge.com/2018/1/18/16904742/sophia-the-robot-ai-real-fake-yann-lecun-criticism">https://www.theverge.com/2018/1/18/16904742/sophia-the-robot-ai-real-fake-yann-lecun-criticism</a></p> <p>“The Complicated Truth about Sophia the Robot—an Almost Human Robot or PR Stunt”  <a href="https://www.cnn.com/2018/06/05/hanson-robotics-sophia-the-robot-pr-stunt-artificial-intelligence.html">https://www.cnn.com/2018/06/05/hanson-robotics-sophia-the-robot-pr-stunt-artificial-intelligence.html</a></p> <p>8.5 Watch  “We Talked to Sophia” (3:38)  <a href="https://www.youtube.com/watch?v=78-1MlkxyqI">https://www.youtube.com/watch?v=78-1MlkxyqI</a></p> <p>“Japanese Hotel Run by Robots” (1:33)  <a href="https://www.youtube.com/watch?v=xmt6OCBeS94">https://www.youtube.com/watch?v=xmt6OCBeS94</a></p>	

	<p>8.6 Questions and Answers</p> <p>Group A: Create and post 2 Content Questions</p> <p>Group B: Create and post 2 Discussion Questions</p> <p>Group C: Respond to 2 Discussion Questions</p> <p>Group D: Respond to 2 Content Questions</p>	
<p>Week 9 October 22- October 28</p>	<p>9.1 Watch Weekly Update #9</p> <p>9.2 Browse/Click Around <a href="https://waymo.com/journey/">https://waymo.com/journey/</a></p> <p>9.3 Read "6 Surprising Ways Driverless Cars Will Change Our World" <a href="https://www.nbcnews.com/mach/science/6-surprising-ways-driverless-cars-will-change-our-world-ncna867061">https://www.nbcnews.com/mach/science/6-surprising-ways-driverless-cars-will-change-our-world-ncna867061</a></p> <p>"Driverless Cars Are Further Away Than You Think" <a href="https://www.technologyreview.com/s/520431/driverless-cars-are-further-away-than-you-think/">https://www.technologyreview.com/s/520431/driverless-cars-are-further-away-than-you-think/</a></p> <p>"As Driverless Car Crashes Mount, Fear of Riding in Them Rises, Too" <a href="https://www.tampabay.com/news/As-driverless-car-crashes-mount-fear-of-riding-in-them-rises-too_170344568">https://www.tampabay.com/news/As-driverless-car-crashes-mount-fear-of-riding-in-them-rises-too_170344568</a></p> <p>"Twelve Things You Need to Know about Driverless Cars" <a href="https://www.theguardian.com/technology/2017/jan/15/driverless-cars-12-things-you-need-to-know">https://www.theguardian.com/technology/2017/jan/15/driverless-cars-12-things-you-need-to-know</a></p> <p>9.4 Watch "Tony Seba on the Driverless Car Disruption" (17:25) <a href="https://www.youtube.com/watch?v=xg03UUYKG1s">https://www.youtube.com/watch?v=xg03UUYKG1s</a></p> <p>"Are We Going Too Fast on Driverless Cars?" (4:34) <a href="http://www.sciencemag.org/news/2017/12/are-we-going-too-fast-driverless-cars">http://www.sciencemag.org/news/2017/12/are-we-going-too-fast-driverless-cars</a></p> <p>"The Ethical Dilemma of Self-Driving Cars" (4:16) <a href="https://www.ted.com/talks/patrick_lin_the_ethical_dilemma_of_self_driving_cars">https://www.ted.com/talks/patrick_lin_the_ethical_dilemma_of_self_driving_cars</a></p> <p>"How a Driverless Car Sees the Road" (15:30) <a href="https://www.ted.com/talks/chris_urmson_how_a_driverless_car_sees_the_road">https://www.ted.com/talks/chris_urmson_how_a_driverless_car_sees_the_road</a></p>	<p>Synthesis #3</p>

	<p>9.5 Questions and Answers  Group A: Respond to 2 Discussion Questions  Group B: Respond to 2 Content Questions  Group C: Create and post 2 Content Questions  Group D: Create and post 2 Discussion Questions</p> <p>9.6 Reminder  Synthesis #3 due Sunday!</p> <p>9.7 Reminder  Current Events next week</p>	
<p>Week 10  October 29-  November 4</p>	<p>10.1 Watch  Weekly Update #10</p> <p>10.2 <i>If you submitted a Current Event:</i> Your job this week is to actively participate in your discussion board</p> <p><i>If you did not submit a Current Event:</i> Your job this week is to actively participate in all 8 current event discussion boards</p> <p>10.3 Reminder  Post link for Anthology Project</p>	<p>Current Events:  Write-up and Video due <u>Monday</u></p>
<p>Phase 4: Making and Things</p>		
<p>Week 11  November 5-  November 11</p>	<p>11.1 Watch  Weekly Update #11</p> <p>11.2 Watch  “What is 3-D Printing and How does it Work?” (2:21)  <a href="https://www.youtube.com/watch?v=VxOZ6LplaMU">https://www.youtube.com/watch?v=VxOZ6LplaMU</a></p> <p>“17 Incredible 3-D Printed Objects” (8:41)  <a href="https://www.youtube.com/watch?v=FSu19nz7NIE">https://www.youtube.com/watch?v=FSu19nz7NIE</a></p> <p>“Printing a Human Kidney” (16:48)  <a href="https://www.ted.com/talks/anthony_atala_printing_a_human_kidney">https://www.ted.com/talks/anthony_atala_printing_a_human_kidney</a></p> <p>11.3 Read  “3D-Printed Prosthetic Limbs: The Next Revolution in Medicine”  <a href="https://www.theguardian.com/technology/2017/feb/19/3d-printed-prosthetic-limbs-revolution-in-medicine">https://www.theguardian.com/technology/2017/feb/19/3d-printed-prosthetic-limbs-revolution-in-medicine</a></p> <p>“The 3D-Printed Gun Controversy: Everything You Need to Know”</p>	<p>Ethical Evaluation</p>

	<p><a href="https://www.cnet.com/news/the-3d-printed-gun-controversy-everything-you-need-to-know/">https://www.cnet.com/news/the-3d-printed-gun-controversy-everything-you-need-to-know/</a></p> <p>“Meet the NYC Entrepreneurs Bringing 3-D Printing to the Masses”  <a href="https://nypost.com/2018/08/02/meet-the-nyc-entrepreneurs-bringing-3d-printing-to-the-masses/">https://nypost.com/2018/08/02/meet-the-nyc-entrepreneurs-bringing-3d-printing-to-the-masses/</a></p> <p>11.4 Questions and Answers  Group A: Create and post 2 Discussion Questions  Group B: Create and post 2 Content Questions  Group C: Respond to 2 Discussion Questions  Group D: Respond to 2 Content Questions</p> <p>11.5 Reminder  Ethical Evaluation due Sunday!</p>	
<p>Week 12  November 12-  November 18</p>	<p>12.1 Watch  Weekly Update #12</p> <p>12.2 Watch  “How It Works: Internet of Things” (3:38)  <a href="https://www.youtube.com/watch?v=QSIPNhOiMoE">https://www.youtube.com/watch?v=QSIPNhOiMoE</a></p> <p>12.3 Read  “A Simple Explanation of ‘The Internet of Things’”  <a href="https://www.forbes.com/sites/jacobmorgan/2014/05/13/simple-explanation-internet-things-that-anyone-can-understand/#22ebd3061d09">https://www.forbes.com/sites/jacobmorgan/2014/05/13/simple-explanation-internet-things-that-anyone-can-understand/#22ebd3061d09</a></p> <p>“What is the Internet of Things? Wired Explains”  <a href="https://www.wired.co.uk/article/internet-of-things-what-is-explained-iot">https://www.wired.co.uk/article/internet-of-things-what-is-explained-iot</a></p> <p>“The Internet of Things You Don’t Really Need”  <a href="https://www.theatlantic.com/technology/archive/2015/06/the-internet-of-things-you-dont-really-need/396485/">https://www.theatlantic.com/technology/archive/2015/06/the-internet-of-things-you-dont-really-need/396485/</a></p> <p>“In the Programmable World, All Our Objects Will Act as One”  <a href="https://www.wired.com/2013/05/internet-of-things-2/">https://www.wired.com/2013/05/internet-of-things-2/</a></p> <p>12.4 Questions and Answers  Group A: Respond to 2 Discussion Questions  Group B: Respond to 2 Content Questions  Group C: Create and post 2 Discussion Questions</p>	<p>Synthesis #4</p>

	<p>Group D: Create and post 2 Content Questions</p> <p>12.5 Reminder Synthesis #4 due Sunday!</p>	
<p>Week 13: November 19- November 25</p> <p>Thanksgiving</p>	<p>13.1 Watch Weekly Update #13</p> <p>13.2 <i>If you submitted a Current Event:</i> Your job this week is to actively participate in your discussion board</p> <p><i>If you did not submit a Current Event:</i> Your job this week is to actively participate in all 7 current event discussion boards</p>	<p>Current Events: Write-up and Video due <u>Monday</u></p>
Phase 5: Cyborgs and Bioart		
<p>Week 14 November 26- December 2</p>	<p>14.1 Watch Weekly Update #14</p> <p>14.2 Read “The Insane and Exciting Future of the Bionic Body” <a href="https://www.smithsonianmag.com/innovation/the-insane-and-exciting-future-of-the-bionic-body-918868/">https://www.smithsonianmag.com/innovation/the-insane-and-exciting-future-of-the-bionic-body-918868/</a></p> <p>“As a Species, We Have a Moral Obligation to Enhance Ourselves” <a href="https://ideas.ted.com/the-ethics-of-genetically-enhanced-monkey-slaves/">https://ideas.ted.com/the-ethics-of-genetically-enhanced-monkey-slaves/</a></p> <p>“Are Cyborgs the Next Step in Human Evolution?” <a href="https://bigthink.com/amped/are-cyborgs-the-next-step-in-human-evolution-2">https://bigthink.com/amped/are-cyborgs-the-next-step-in-human-evolution-2</a></p> <p>14.3 Watch “How We’ll Become Cyborgs and Extend Human Potential” (15:14) <a href="https://www.ted.com/talks/hugh_herr_how_we_ll_become_cyborgs_and_extend_human_potential">https://www.ted.com/talks/hugh_herr_how_we_ll_become_cyborgs_and_extend_human_potential</a></p> <p>“We Are All Cyborgs Now” (7:46) <a href="https://www.ted.com/talks/amber_case_we_are_all_cyborgs_now">https://www.ted.com/talks/amber_case_we_are_all_cyborgs_now</a></p> <p>14.4 Questions and Answers Group A: Create and post 2 Content Questions Group B: Create and post 2 Discussion Questions Group C: Respond to 2 Content Questions Group D: Respond to 2 Discussion Questions</p>	<p>Synthesis #5</p>

	<p>14.5 Reminder Synthesis #5 due Sunday!</p>	
<p>Week 15: December 3- December 9</p> <p>Classes End</p>	<p>15.1 Watch Weekly Update #15</p> <p>15.2 Course Evaluations</p> <p>15.3 Read “Bioart: The Ethics and Aesthetics of Using Living Tissue as a Medium” <a href="https://www.wired.com/2011/07/bioart/">https://www.wired.com/2011/07/bioart/</a></p> <p>“This Artist is Growing an Ear on His Arm” <a href="http://www.slate.com/articles/technology/future_tense/2015/02/stelarc_and_other_contemporary_artists_experiment_with_science.html">http://www.slate.com/articles/technology/future_tense/2015/02/stelarc_and_other_contemporary_artists_experiment_with_science.html</a></p> <p>“7 Bio-Artists Who Are Transforming the Fabric of Life Itself” <a href="https://io9.gizmodo.com/7-bio-artists-who-are-transforming-the-fabric-of-life-i-558156053">https://io9.gizmodo.com/7-bio-artists-who-are-transforming-the-fabric-of-life-i-558156053</a></p> <p>“Extended-Body: Interview with Stelarc” <a href="https://web.stanford.edu/dept/HPS/stelarc/a29-extended_body.html">https://web.stanford.edu/dept/HPS/stelarc/a29-extended_body.html</a></p> <p>15.4 Browse/Click Around <a href="https://www.glofish.com/about/glofish-science/">https://www.glofish.com/about/glofish-science/</a> <a href="http://stelarc.org/projects.php">http://stelarc.org/projects.php</a> <a href="http://www.ekac.org/gfpbunny.html">http://www.ekac.org/gfpbunny.html</a></p> <p>15.5 Questions and Answers Group A: Respond to 2 Content Questions Group B: Respond to 2 Discussion Questions Group C: Create and post 2 Content Questions Group D: Create and post 2 Discussion Questions</p> <p>15.6 Reminder Anthology Project due December 15!</p> <p>15.7 Bye and thank you!</p>	
<p>Week 16: December 10- December 15</p>	<p><i>No module work—finish your Anthology Project</i></p>	<p>Anthology Project due <u>Saturday</u>, December 15</p>

Finals Week		
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	<b>Content</b>	<b>Organization</b>	<b>Style</b>	<b>Conventions</b>
<b>A</b>	<ul style="list-style-type: none"> <li>• The paper presents a logical, persuasive, scholarly argument about a particular topic.</li> <li>• The paper addresses relevant authorities on the topic and clearly explains its relationship to their ideas.</li> <li>• The paper weighs a wide range of viewpoints, and persuasively articulates the reasons for its position on the topic.</li> <li>• The paper creates genuine interest in the topic.</li> </ul>	<ul style="list-style-type: none"> <li>• The structure of the paper’s overall argument is remarkably clear and logical.</li> <li>• Individual paragraphs are always unified and coherent.</li> <li>• Transitions between paragraphs underscore the links in the paper’s argument.</li> <li>• The paper possesses a skillful and interesting introduction and conclusion.</li> </ul>	<ul style="list-style-type: none"> <li>• The sentences are consistently clear, coherent, and syntactically varied.</li> <li>• Precise word choice and an appropriate tone support the paper’s purpose and display a command of the conventions of academic writing.</li> </ul>	<ul style="list-style-type: none"> <li>• The grammar, spelling, punctuation, and usage conform to conventions of academic writing.</li> <li>• References to sources are accurately cited and documented according to the appropriate style manual.</li> <li>• Format is consistently correct and appropriate.</li> </ul>
<b>B</b>	<ul style="list-style-type: none"> <li>• The paper presents a logical argument about a particular topic in a scholarly manner.</li> <li>• The paper often engages relevant authorities on the topic and employs their ideas.</li> <li>• The paper considers a range of viewpoints and presents them fairly in the course of explaining its position on the topic.</li> <li>• The paper is able to express the interest that the topic might possess.</li> </ul>	<ul style="list-style-type: none"> <li>• The structure of the paper’s overall argument is clear and logical.</li> <li>• Individual paragraphs are almost always unified and coherent.</li> <li>• Transitions link the paragraphs.</li> <li>• The paper possesses an introduction and conclusion that accurately reflect the paper’s content</li> </ul>	<ul style="list-style-type: none"> <li>• Sentences are usually clear, coherent, and syntactically varied.</li> <li>• Word choice and tone support the paper’s purpose and usually display a command of the conventions of academic writing.</li> </ul>	<ul style="list-style-type: none"> <li>• The paper is free of serious errors in grammar, spelling, punctuation, or usage.</li> <li>• References to outside sources are usually cited accurately and documented according to the appropriate style manual.</li> <li>• Format is correct and appropriate</li> </ul>

<p><b>C</b></p>	<ul style="list-style-type: none"> <li>• The paper presents a reasonably successful argument about a topic, although its force may at times be compromised by faulty logic or superficial thinking.</li> <li>• The paper sometimes engages relevant authorities on the topic; its stance regarding their ideas could be clearer.</li> <li>• The paper's presentation of alternative viewpoints on the topic is occasionally lacking.</li> <li>• It does not consistently engage its audience.</li> </ul>	<ul style="list-style-type: none"> <li>• The clarity and logic of the paper's organizational structure could be somewhat clearer.</li> <li>• Individual paragraphs occasionally lack unity or coherence.</li> <li>• Transitions between paragraphs seem wooden and arbitrary.</li> <li>• The introduction and conclusion are perfunctory, but do present the content of the paper, albeit not in an interesting way</li> </ul>	<ul style="list-style-type: none"> <li>• Sentences are generally clear and correct; however, some may be basic, choppy, or lack syntactic variety.</li> <li>• Word choice and tone generally support the paper's purpose but may less consistently display a command of the conventions of academic writing.</li> </ul>	<ul style="list-style-type: none"> <li>• Errors in grammar, spelling, punctuation, or usage occasionally interfere with communication and damage the writer's credibility.</li> <li>• References to outside sources are generally cited and documented, but not always in the appropriate style.</li> <li>• Format is generally correct and appropriate.</li> </ul>
<p><b>D</b></p>	<ul style="list-style-type: none"> <li>• The paper's argument about a topic is only marginally successful.</li> <li>• The paper's attention to what others have said on the topic is minimal.</li> <li>• The paper's presentation of alternative viewpoints is often lacking.</li> <li>• The paper does not attempt to engage the audience in the topic or explain its interest.</li> </ul>	<ul style="list-style-type: none"> <li>• The paper's organizational structure is unclear; the reader may be confused by the direction of the argument.</li> <li>• Paragraphs often lack unity or coherence.</li> <li>• Transitions are occasionally missing or illogical.</li> <li>• The introduction and conclusion are awkward; they may not relate clearly to the content of the paper.</li> </ul>	<ul style="list-style-type: none"> <li>• Sentences are frequently basic, choppy, or repetitive in structure and may display lapses in clarity or coherency.</li> <li>• Inappropriate word choice or tone detract from the paper's purpose and frequently display a lack of command of the conventions of academic writing.</li> </ul>	<ul style="list-style-type: none"> <li>• Many errors in spelling, grammar, punctuation, and usage impede communication and undercut the writer's credibility.</li> <li>• References to outside sources are not clearly cited; documentation style is inappropriate.</li> <li>• Format is not consistently correct or appropriate</li> </ul>

<p><b>F</b></p>	<ul style="list-style-type: none"> <li>• The paper’s argument about a topic is unsuccessful; it might be confusingly unclear, obviously biased, or insufficiently developed.</li> <li>• The paper neglects to consider what others have said or written on the topic.</li> <li>• The paper’s presentation of the material seems to use sources solely to support its own point, without considering opposing viewpoints.</li> <li>• The paper does not attempt to engage the reader in the topic or explain its interest.</li> </ul>	<ul style="list-style-type: none"> <li>• The paper’s organizational structure is underdeveloped.</li> <li>• Most paragraphs seem to have no unifying idea, and may include gaps in logic; often they simply summarize a series of events.</li> <li>• No effort is made to link paragraphs with transitions.</li> <li>• The introduction or conclusion may be missing or underdeveloped.</li> </ul>	<ul style="list-style-type: none"> <li>• Sentences are mostly basic, choppy, or repetitive in structure and display lapses in clarity or coherency.</li> <li>• Inappropriate word choice or tone detract from the paper’s purpose and display a general lack of command of the conventions of academic writing</li> </ul>	<ul style="list-style-type: none"> <li>• Numerous errors in spelling, grammar, punctuation, and usage impede communication.</li> <li>• References to outside sources are not cited.</li> <li>• Format is not consistently correct or appropriate</li> </ul>
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