

[POLS 4420] Politics and Technology

University of Georgia, Spring 2023

Professor L. Jason Anastasopoulos (“Dr. A”)

Tuesdays and Thursdays, 12:45 PM - 2:00 PM
Baldwin Hall, 202

Office Hours Tu, Th, 2:30-3:30
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Course Objectives

Technology is one of the most powerful forces in our political and social world. In this course, we attempt to understand how technology has shaped, and continues to shape political values and international political orders with an eye towards what we might be headed for in the future. Through philosophy, social science and fiction, we will try to understand the role that technology plays in shaping the state in democratic and authoritarian nations in the past and then turn our attention to the future, exploring technological innovations hatched during the digital revolution such as artificial intelligence, which are transforming our society and culture at this very moment.

What I hope that students will take away from this class is not only an understanding of the role of technology in politics, but a warning about some of the very real dangers that technology poses to human freedom and dignity if we are not vigilant.

Attendance and Participation

The most important content from this class will come from the lectures and group assignments during lecture time. Because of this and the rather technical nature of this class, attendance and participation in class is important. If you cannot attend a lecture, you must present me with a valid excuse at least 24 hours prior to the start of class unless the situation you encountered was an emergency.

News Article Sharing

As part of your participation grade, you will be asked to find an article related to any of the readings for the week and present it to the class in a 5 minute or less summary. Students will present in alphabetical order starting on Week 4: 02/07. You can find your name and the day that you are slotted to present here:

https://docs.google.com/spreadsheets/d/1nutpKE4Z4AEBR48krJ8WW_83BasPGCzsAiP8eNC4joc/edit?usp=sharing

The news article sharing assignment counts towards your "In-Class Group Activities Grade" **for a total of 5 points**. If you are absent without excuse on the day you are supposed to share a news article, you will lose 5 points off your final grade.

Grading Items

- Attendance: 10 Points
- Participation
 - Discussion leader : 20 Points. +2 Points Extra Credit for signing up more than once.
 - In-class group activities: 10 Points
 - Think-pair-share: 5 points
 - News article sharing: 5 points
- 3 Short Exams/Quizzes: 20 points. (10 points each, **lowest exam dropped**) - Short, **open book quizzes of course content**. Will be multiple choice and short answer and to be completed in 30 minutes in class.
- A final group project (details posted on eLC):
 - Final group project proposal: 10 points.
 - Final group project presentation: 10 points.
 - Final group project: 20 points.

Grading Points Breakdown

Activity	Points
Attendance + News Article Sharing	10
Discussion Leader	20 (opportunity for 2 points extra credit)
In-Class Group Activities	10
Short Exams/Quizzes	20 (lowest score dropped)
Final Group Project Proposal	10
Final Group Project Presentation	10

Final Group Project Paper	20
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Key Assignment Dates

Activity	Date
Discussion Leader	Varies, Presentations Every Thursday. Please send me presentations after you present.
Short Exam 1: Weeks 1-5	02/21
Short Exam 2: Weeks 6-9	03/28
Final Group Project Proposal	03/21
Short Exam 3: Weeks 10-13	04/18
Final Group Project Presentation Slides	04/25
Final Group Project Paper	05/09

Grading Rubric

Letter Grade	Total Points
A	90-100+
A-	85-89
B+	84-87
B	80-83
B-	78-79
C+	74-77
C	67-73
D	60-66
F	59 and below

Late Policy

You will lose a total of 2 points for each day an assignment is late without excuse.

Discussion Leaders

Either individually or in groups of 2 students will choose a week to be a “discussion leader.” Discussion leaders will lead the class discussion for that week by choosing a reading and preparing a 15-25 minute presentation summarizing the reading and proposing a series of 3-5 discussion points to start off our discussion about the content.

Every student MUST participate in a group as a discussion leader at least once.

If you sign up as a discussion leader more than once you will receive extra credit equivalent to +2 points on your final grade. Each group can be a discussion leader a MAXIMUM of 2 times.

Discussion leader groups can have a maximum of 3 people and if you do not sign up for one week as a discussion leader you will be assigned to a week.

Discussion leader assignments can be found here:

https://docs.google.com/spreadsheets/d/19ryNU_xGct7L8og4iTv6jGfAOTgOW4GYooQNbSyiZh0/edit?usp=sharing

Required Books

Ellul, J. and Wilkinson, J., 1964. *The Technological Society*. New York, N.Y.: Vintage Books.
<https://www.amazon.com/Technological-Society-Jacques-Ellul/dp/0394703901/> [EW below]

Postman, N., 2011. *Technopoly*. New York: Random House US.
<https://www.amazon.com/Technopoly-Surrender-Technology-Neil-Postman/dp/0679745408>

Scharff, R. and Dusek, V., 2014. *Philosophy Of Technology*. Malden, Mass.: Wiley Blackwell.
<https://www.amazon.com/Philosophy-Technology-Technological-Condition-Anthology/dp/111854725X/> * [SD below]

*You are encouraged to buy a hard copy of this book but it will also be available for free as a PDF on the ELC.

Prohibition on Recording Lectures.

In the absence of written authorization from the UGA Disability Resource Center, students may not make a visual or audio recording of any aspect of this course. Students who have a recording accommodation agree in writing that they:

- Will use the records only for personal academic use during the specific course.
- Understand that faculty members have copyright interest in their class lectures and that they agree not to infringe on this right in any way.
- Understand that the faculty member and students in the class have privacy rights and agree not to violate those rights by using recordings for any reason other than their own personal study.
- Will not release, digitally upload, broadcast, transcribe, or otherwise share all or any part of the recordings. They also agree that they will not profit financially and will not allow others to benefit personally or financially from lecture recordings or other course materials.
- Will erase/delete all recordings at the end of the semester.
- Understand that violation of these terms may subject them to discipline under the Student Code of Conduct or subject them to liability under copyright laws.

COURSE OUTLINE (discussion leader readings are in red)

Week	Topic	Readings
Week 1 01/17-01/19	<i>Course Introduction</i>	
<u>What is Technology</u> How do we define technology and how has it been thought of historically?		
Week 2 01/24-01/26	<i>Ancient Conceptions</i>	<ul style="list-style-type: none"> ❑ <i>Introduction</i> (SD, pgs 3-8). ❑ "Techne and Episteme" - Stanford Encyclopedia of Philosophy (See eLC) ❑ <i>On 'Techne' and 'Episteme', Aristotle</i> (SD, pgs 19-24)
Week 3 01/31-02/02	<i>Medieval Conceptions</i>	<ul style="list-style-type: none"> ❑ <i>Novum Organum</i> - Francis Bacon (SD 37-38) ❑ <i>On the Idols and On the Scientific Study of Nature</i> (An excerpt from the unfinished novel "The New Atlantis") - Francis Bacon (SD 39-41) ❑ <i>Sphinx or Science</i> - Francis Bacon (SD 41-42)
Week 4 02/07-02/09	<i>Enlightenment Conceptions</i> Start News Article Sharing	<ul style="list-style-type: none"> ❑ Background on The Enlightenment: https://www.bl.uk/restoration-18th-century-literature/articles/the-enlightenment ❑ <i>On the Sciences and Arts</i>, Jean Jacques Rousseau (SD 68-73)
Week 5 02/14-02/16	<i>Modern Conceptions</i>	<ul style="list-style-type: none"> ❑ <i>The Question Concerning Technology</i> - Martin Heidegger (SD 305-317) ❑ <i>The Matrix (Movie) 1999-</i> <ul style="list-style-type: none"> ❑ <i>Free on Vimeo:</i> https://vimeopro.com/cogitalit

		y/feature-films/video/357005575 <input type="checkbox"/> Rent on Amazon: https://www.amazon.com/gp/video/detail/B0094K35S6/ref=atv_dp_share_cu_r
Technology, Politics and the State What is the role of technology in politics and the state, broadly defined?		
Week 6 02/21-02/23	Overview ***SHORT EXAM 1: Weeks 1-5 on 02/21***	<input type="checkbox"/> Can Artifacts Have Politics?, Langdon Winner (SD 668-679) <input type="checkbox"/> Postman, N., 2011. <i>Technopoly</i> . New York: Random House US., pgs. 3-70.
Week 7 02/28-03/02	International Relations and Technological Change	<input type="checkbox"/> Ruggie, J.G., 1975. "International responses to technology: concepts and trends." (eLC) <input type="checkbox"/> Drezner, D.W., 2019. "Technological change and international relations". (eLC)
NO CLASS SPRING BREAK! 03/07-03/09		
Week 8 03/14-03/16	Technology and the Law	<input type="checkbox"/> Ellul, J. <i>The Technological Society</i> , Technique and the State pgs 248-301 <input type="checkbox"/> Liu, H.W., Lin, C.F. and Chen, Y.J., 2019. Beyond State v Loomis: artificial intelligence, government algorithmization and accountability. <i>International journal of law and information technology</i> , 27(2), pp.122-141. <input type="checkbox"/> Ghosh, S., 2020. Myriad post-Myriad. Science and public policy, 47(5), pp.638-646. <input type="checkbox"/> Servick, K., 2019. Draft bill reignites US debate over patenting human genes.

The Technological Origins of Democracy and Dictatorship

What is the role of technology in fostering opposing political systems such as democracy and authoritarianism?

Week 9 03/21-03/23	Perspectives on Technology and Democracy ***Group Project Proposal Due on 03/21***	<ul style="list-style-type: none">❑ Barber, Benjamin R. "Three scenarios for the future of technology and strong democracy." (eLC)❑ Fukuyama, F., Richman, B. and Goel, A., 2021. "How to save democracy from technology: ending big tech's information monopoly." <i>Foreign Aff.</i>, 100, p.98. (eLC)
Week 10 03/28-03/30	Technological Progress and Authoritarianism ***SHORT EXAM 2: Weeks 6-9 on 03/28***	<ul style="list-style-type: none">❑ Mumford, L., 1964. "Authoritarian and Democratic Technics." (eLC)❑ Foreign Affairs. 2021. China's Techno-Authoritarianism Has Gone Global" (eLC)❑ Huang, Jingyang, and Kellee S. Tsai. "Securing Authoritarian Capitalism in the Digital Age: The Political Economy of Surveillance in China." (eLC)
<h2><u>The Brave New World: Modern Technology and Political Transformation</u></h2>		
Week 11 04/04-04/06	The Internet	<ul style="list-style-type: none">❑ <i>Rosenzweig, Roy. "Wizards, bureaucrats, warriors, and hackers: Writing the history of the Internet." (eLC)</i>❑ Keremoğlu, E. and Weidmann, N.B., 2020. "How dictators control the internet: a review essay." <i>Comparative Political Studies</i>, 53(10-11), pp.1690-1703.

		<input type="checkbox"/> Faris, Robert, and Bruce Etling. "Madison and the smart mob: The promise and limitations of the Internet for democracy." (eLC)
Week 12 04/11-04/13	Artificial Intelligence: Overview	<input type="checkbox"/> "What is Artificial Intelligence?" Darrell West: https://www.brookings.edu/research/what-is-artificial-intelligence/ <input type="checkbox"/> Will Democracy Survive AI? https://www.scientificamerican.com/article/will-democracy-survive-big-data-and-artificial-intelligence/ <input type="checkbox"/> Selten, F., Robeer, M. and Grimmelikhuijsen, S., 'Just like I thought'. Street-level bureaucrats trust AI recommendations if they confirm their professional judgement. <i>Public Administration Review</i> . (eLC)
Week 13 04/18-04/20	Artificial Intelligence and the End of Liberal Democracy? ***SHORT EXAM 3: Weeks 10-13 on 04/18***	<input type="checkbox"/> Henry Kissinger. 2018. "How the Enlightenment Ends." (eLC) <input type="checkbox"/> Zeng, Jinghan. "Artificial intelligence and China's authoritarian governance." (eLC) <input type="checkbox"/> Feldstein, S., 2019. The road to digital unfreedom: How artificial intelligence is reshaping repression. <i>Journal of Democracy</i> , 30(1), pp.40-52 (eLC)
Week 14 04/25	Artificial Intelligence and the End of Liberal Democracy? (cont'd)	<input type="checkbox"/> König, P.D. and Wenzelburger, G., 2020. Opportunity for renewal or disruptive force? How artificial intelligence alters democratic politics. <i>Government Information Quarterly</i> , 37(3), p.101489.
Week 16 04/27	Group Project Presentations ***Group Project Slides Due on 04/25***	

Statement about Students with Disabilities

Students with special needs that require accommodation should notify me and the Office for Disability Services in the first two weeks of the course so appropriate arrangements can be made. All information and documentation of special needs is confidential.

Statement about Plagiarism and Academic Dishonesty

Students are responsible for maintaining the highest standards of honesty and integrity in every phase of their academic careers. The penalties for academic dishonesty are severe and ignorance of the policy is not an acceptable defense. See also <https://ovpi.uga.edu/academic-honesty>.