

ECS 188 – Example Books for Book-Based Projects

These books are only examples; there are a lot listed here, but you are in no way limited to them.

1. [Surveillance Valley: The Secret Military History of the Internet](#) (Yasha Levine, 2018)
2. [The Cultural Logic of Computation](#) (David Golumbia, 2009)
3. [Poisoner in Chief: Sidney Gottlieb and the CIA Search for Mind Control](#) (Stephen Kinzer, 2019)
4. [The Age of Surveillance Capitalism](#) (Shoshana Zuboff, 2019)
5. [The Sixth Extinction](#) by Elizabet Kolbert (2015)
6. [Fellow Creatures: Our Obligations to the Other Animals](#) (Christine M. Korsgaard, 2018)
7. [Automating Inequality: How High-Tech Tools Profile, Police, and Punish the Poor](#) (Virginia Eubanks, 2018)
8. [Algorithms of Oppression: How Search Engines Reinforce Racism](#) (Safiya Umoja Noble, 2018)
9. [Cyberwar: How Russian Hackers and Trolls Helped Elect a President](#) (Kathleen Hall Jamieson, 2018)
10. [A Girl's Guide to Missiles: Growing Up in America's Secret Desert](#) (Karen Piper, 2018)
11. [Re-Engineering Humanity](#) (Brett Frischmann and Evan Selinger, 2018)
12. [The Radium Girls: The Dark Story of America's Shining Women](#) (Kate Moore, 2017)
13. [When Google Met WikiLeaks](#) (Julian Assange, 2016)
14. [Twitter and Tear Gas: The Power and Fragility of Networked Protest](#) (Zeynep Tufekci, 2017)
15. [Technically Wrong: Sexist Apps, Biased Algorithms, and Other Threats of Toxic Tech](#) (Sara Wachter-Boettcher, 2017)
16. [Confessions of a Radical Industrialist: Profits, People, Purpose — Doing Business by Respecting the Earth](#) (Ray C. Anderson, 2009)
17. [Engineers for Change: Competing Visions of Technology in 1960s America](#) (Matthew Wisnioski, 2016)
18. [World Without Mind: The Existential Threat of Big Tech](#) (Franklin Foer, 2017)
19. [Move Fast and Break Things: How Facebook, Google, and Amazon Cornered Culture and Undermined Democracy](#) (Jonathan Taplin, 2017)
20. [Dark Territory: The Secret History of Cyber War](#) (Fred Kaplan, 2016)
21. [@War: The Rise of the Military-Internet Complex](#) (Shane Harris, 2015)
22. [Irresistible: The Rise of Addictive Technology and the Business of Keeping Us Hooked](#) (Adam Alter, 2017)
23. [The CIA Doctors: Human Rights Violations by American Psychiatrists](#) (Colin Ross, 2006)
24. [Windows into the Soul: Surveillance and Society in an Age of High Technology](#) (Gart T. Marx, 2016)
25. [Changing the Subject: Art and Attention in the Internet Age](#) (Sven Birkerts, 2015)
26. [Harvard and the Unabomber: The Education of an American Terrorist](#) (Alston Chase, 2003)
27. [The Search for the "Manchurian Candidate": The CIA and Mind Control: The Secret History of the Behavioral Sciences](#) (John D. Marks, 1991)
28. [Salt, Sugar, Fat: How the Food Giants Hooked Us](#) (Michael Moss, 2014)
29. [Rise of the Robots](#) (Martin Ford, 2015)
30. [The Second Machine Age](#) (Brynjolfsson and McAfee, 2014)
31. [The Deaths of Others: The Fate of Civilians in America's Wars](#) (John Tirman, 2012)
32. [Our Robots, Ourselves: Robotics and the Myths of Autonomy](#) (David A Mindell, 2015)
33. [Who Owns the Future](#) (Jaron Lanier, 2013)
34. [Who Controls the Internet? Illusions of a Borderless World](#) (Jack Goldsmith and Tim Wu, 2008)
35. [Exposed: Desire and Disobedience in the Digital Age](#) (Bernard Harcourt, 2015)
36. [This Machine Kills Secrets](#) (Andy Greenberg, 2013)
37. [This Changes Everything: Capitalism vs. The Climate](#) (Naomi Klein, 2014)
38. [The Slaughter: Mass Killings, Organ Harvesting, and China's Secret Solution to Its Dissident Problem](#) (Ethan Gutmann, 2014)
39. [Reclaiming Conversation: The Power of Talk in a Digital Age](#) (Sherry Turkle, 2015)
40. [This Machine Kills Secrets: Julian Assange, the Cypherpunks, and Their Fight to Empower Whistleblowers](#) (Andy Greenberg, 2013)
41. [The Fourth Revolution: How the Infosphere is Reshaping Human Reality](#) (Luciano Floridi, 2014)

42. [One-Dimensional Man: Studies in the Ideology of Advanced Industrial Society](#) (Herbert Marcuse, 1968)
43. [Little Brother](#) (2008) and [Homeland](#) (2013) (Cory Doctorow) (must read both and provide an insightful and original analysis)
44. [No Place to Hide](#) (Glenn Greenwald, 2014)
45. [Mediactive](#) (Dan Gillmor, 2010)
46. [WikiLeaks and the Age of Transparency](#) (Micah Sifry, 2011)
47. [Kill Chain: The Rise of the High-Tech Assassins](#) (Andrew Cockburn, 2015)
48. [The Future of Violence: Robots and Germs, Hackers and Drones](#) (Benjamin Wittes and Gabriella Blum, 2015)
49. [Predator: The Secret Origins of the Drone Revolution](#) (Richard Whittle, 2014)
50. [Drone Warfare: Killing by Remote Control](#) (Medea Benjamin, 2013)
51. [American Prometheus: The Triumph and Tragedy of J. Robert Oppenheimer](#) (Kai Bird and Martin Sherwin, 2006)
52. [The Making of the Atomic Bomb: 25th Anniversary Edition](#) (Richard Rhodes, 2012)
53. [To Save Everything, Click Here: The Folly of Technological Solutionism](#) (Evgeny Morozov, 2013)
54. [Toms River: A Story of Science and Salvation](#) (Dan Fagin, 2013)
55. [Green Illusions: The Dirty Secrets of Clean Energy and the Future of Environmentalism](#) (Ozzie Zehner, 2012)
56. [Techno-Fix: Why Technology Won't Save Us Or the Environment](#) (Michael Huesemann and Joyce Huesemann, 2011)
57. [Merchants of Doubt: How a Handful of Scientists Obscured the Truth on Issues from Tobacco Smoke to Global Warming](#) (Naomi Oreskes and Erik Conway, 2011)
58. [Run to Failure: BP and the Making of the Deepwater Horizon Disaster](#) (Abraham Lutgarten, 2012)
59. [Drugs for Life: How Pharmaceutical Companies Define Our Health](#) (Joseph Dumit, 2012) (UCD author)
60. [What Technology Wants](#) (Kevin Kelly, 2010)
61. [Pandora's Seed: Why the Hunter-Gatherer Holds the Key to Our Survival](#) (Spencer Wells, 2011)
62. [Our Final Hour](#) (Martin Rees, 2004)
63. [The End of the World: The Science and Ethics of Human Extinction](#) (John Leslie, 1998)
64. [A Short History of Progress](#) (Ronald Wright, 2005)
65. [Collapse: How Societies Choose to Fail or Succeed](#) (Jared Diamond, 2011)
66. [Laboratory Life: The Construction of Scientific Facts](#) (Latour and Woolgar, 1986)
67. [The Shallows: What the Internet Is Doing to Our Brains](#) (Nicholas Carr, 2011)
68. [Eichmann in Jerusalem: A Report on the Banality of Evil](#) (Hannah Arendt, 1963), or [The Human Condition](#) (Hannah Arendt, 1998)
69. [Genesis and Development of a Scientific Fact](#) (L. Fleck, 1935/1981)
70. [Confront and Conceal: Obama's Secret Wars and Surprising Use of American Power](#) (David Sanger, 2012)
71. [An Environmental History of the Twentieth-Century World](#) (McNeill, McNeill, and Kennedy, 2001)
72. [Climate Change: A Wicked Problem: Complexity and Uncertainty at the Intersection of Science, Economics, Politics, and Human Behavior](#) (Frank P. Incropera, 2015)
73. [Storms of My Grandchildren: The Truth about the Coming Climate Catastrophe and Our Last Chance to Save Humanity](#) (James Hansen, 2009)
74. [Frontiers of Illusion: Science, Technology, and the Politics of Progress](#) (Daniel Sarewitz, 1996)
75. [Science, Money, and Politics: Political Triumph and Ethical Erosion](#) (Daniel S. Greenberg, 2003)
76. [Ordinary Men: Reserve Police Battalion 101 and the Final Solution in Poland](#) (Christopher R. Browning, 1993)
77. [The Nazi Doctors: Medical Killing and the Psychology of Genocide](#) (Robert Jay Lifton, 1988)
78. [The Filter Bubble: What the Internet is Hiding from You](#) (Eli Pariser, 2011)
79. [The Attention Merchants: The Epic Scramble to Get Inside Our Heads](#) The Rise and Fall of Information Empires (Tim Wu, 2017)
80. [Reclaiming Conversation: The Power of Talk in a Digital Age](#) (Sherry Turkle, 2015)
81. [The Net Delusion: The Dark Side of Internet Freedom](#) (Evgeny Morozov, 2012)
82. [The Closed World: Computers and the Politics of Discourse in Cold War America](#) (Paul Edwards, 1997)
83. [The Myth of Digital Democracy](#) (Matthew Hindman, 2008)

84. [Green to Gold: How Smart Companies Use Environmental Strategy to Innovate, Create Value, and Build Competitive Advantage](#) (Daniel Esty and Andrew Winston, 2009)
85. [Inventing Accuracy: A Historical Sociology of Nuclear Missile Guidance](#) (Donald MacKenzie, 1993)
86. [Bomb Scare: The History and Future of Nuclear Weapons](#) (Joseph Cirincione, 2007)
87. [To Engineer is Human: The Role of Failure in Successful Design](#) (Henry Petroski, 1992)
88. [Our Stolen Future: How We Are Threatening Our Fertility, Intelligence and Survival](#) (Theo Colborn, Dianne Dumanoski, and John Peter Meyers, 1997)
89. [Living Downstream : A Scientist's Personal Investigation of Cancer and the Environment](#) (Sandra Steingraber, 1998)
90. [The Technological Society](#) (Jacques Ellul, 1964)
91. [Technopoly: The Surrender of Culture to Technology](#) (Neil Postman, 1992)
92. [Technology and the Character of Contemporary Life: A Philosophical Inquiry](#) (Albert Borgmann, 1987)
93. [Animal Liberation](#) (Peter Singer, 1975)
94. [The Ethics of What We Eat: Why Our Food Choices Matter](#) (Peter Singer and Jim Mason, 2007)
95. [The Machine in the Garden: Technology and the Pastoral Ideal in America](#) (Leo Marx, 1967)
96. [America by Design: Science, Technology, and the Rise of Corporate Capitalism](#) (David Noble, 1977)
97. [Religion of Technology: The Divinity of Man and the Spirit of Invention](#) (David F. Noble, 1997)
98. [Technics and Civilization](#) (Lewis Mumford, 1934)
99. [Myth of the Machine, vol. I: Technics and Human Development](#) (Lewis Mumford, 1970)
100. [The Myth of the Machine, vol. II: Pentagon of Power](#) (Lewis Mumford, 1974)
101. [Code: Version 2.0](#) (Lawrence Lessig, 2011)
102. [Among the Machines: The Evolution of Global Intelligence](#) (George B. Dyson, 1997)
103. [Ethics in an Age of Technology: Gifford Lectures, Volume Two](#) (Ian Barbour, 1992)
104. [Reinventing the Wheel: A Buddhist Response to the Information Age](#) (Peter Herschok, 1999)
105. [The Rise of the Network Society](#) (Manuel Castells, 2000)
106. [Does Technology Drive History: The Dilemma of Technological Determinism](#) (Merritt Roe Smith, and Leo Marx, 1994)
107. [Science and Technology in World History: An Introduction](#) (James E. III McClellan and Harold Dorn, 2006)
108. [Technology in World Civilization: A Thousand-Year History](#) (Arnold Pacey, 1990)
109. [Sakharov: A Biography](#) (Richard Lourie, 2002)
110. [Secrets: On the Ethics of Concealment and Revelation](#) (Sissela Bok, 1989)
111. [Questioning Technology](#) (Andrew Feenberg, 1999)
112. [Thinking Through Technology: The Path Between Engineering and Philosophy](#) (Carl Mitcham, 1994)
113. [The Ethical Brain](#) (Michael Gazzaniga, 2005)
114. [Medical Ethics: Accounts of Ground-Breaking Cases](#) (Gregory Pence, 2016)
115. [Diet for a New America: How Your Food Choices Affect Your Health, Happiness and the Future of Life on Earth](#) (John Robbins, 2012)
116. [Modern Death: How Medicine Changed the End of Life](#) (Haider Warraich, 2017)
117. [Connection on the Ice: Environmental Ethics in Theory and Practice](#) (Patti Clayton and Charles Masson, 1998)
118. [For the Good of Mankind: A History of the People of Bikini and their Islands \(Second Edition\)](#) (Jack Niedenthal, 2001)
119. [The End of Poverty: Economic Possibilities for Our Times](#) (Jeffrey Sachs, 2005)
120. [Five Past Midnight in Bhopal](#) (Dominique Lapierre and Javier Moro, 2003) and some selection from [Elusive Justice](#) (a symposium on the Bhopal gas disaster after twenty years, 2004)
121. [Trespass Against Us: Dow Chemical and the Toxic Century](#) (Jack Doyle, 2004)
122. [The Imperative of Responsibility: In Search of an Ethics for the Technological Age](#) (Hans Jonas, 1984)
123. [The Transparent Society: Will Technology Force Us to Choose Between Privacy and Freedom?](#) (David Brin, 1998)