
ITSC 201

Military and Strategic Studies

Winter 2021
M W 0900-1100
Instructor: Stuart White
Email: stuart.white@sait.ca
Phone: NA
Office: NA
Office Hours: TBA or By Appointment

Overview

This introductory course provides students with a firm grounding in the fundamentals of strategy. Topics include: implications of economics and politics on strategy, tactics vs strategy, writings of classic strategic thinkers from ancient to current times and methods of critically analyzing situations and strategic plans. Through the use of case studies and essays these fundamental concepts are applied to modern cyber-warfare and industrial espionage.

3 Credits

Time Guidelines:

The standard instructional time for this course is 60 hours.

Course Outline This schedule is subject to change in response to student needs or course requirements.

Date	Topic	Readings
		Where applicable, links to sources will be provided on the class Brightspace site.
Jan 11	Course Introduction & Introduction to Strategy	1 Lawrence Freedman, <i>Strategy</i> , Chapters 1-2.
Jan 13	Sun Tzu	1 Sun Tzu, <i>The Art of War</i> , 71-145. 2 Freedman, <i>Strategy</i> , Chapter 4.
Jan 18	Sun Tzu & Annihilation	1 Sun Tzu, <i>The Art of War</i> , 71-145. 2 Freedman, <i>Strategy</i> , Chapter 4.
Jan 20	Thucydides and Periclean Strategy	1 Thucydides, <i>How to Think About War</i> . Or 1 Thucydides, <i>History of the Peloponnesian War</i> , 1.66-1.87, 1.139-1.145, 2.34-2.46, 2.60-2.64, 3.37-3.49, 5.85-5.113, 6.8.4-6.24. 2 Freedman, <i>Strategy</i> , Chapter 3.

		<p><i>Recommended:</i> Thucydides, <i>The Peloponnesian War</i>, esp. as indicated above.</p> <p><i>Recommended:</i> S.N. Jaffe, “The Risks and rewards of Thucydides’ History of the Peloponnesian War,” <i>War on the Rocks</i>.</p> <p><i>Recommended:</i> Donald Kagan, “Athenian Strategy and the Peloponnesian War,” in Murray, Knox, and Bernstein, <i>The Making of Strategy</i>.</p>
Jan 25	Thucydides & Exhaustion	<p>1 Thucydides, <i>How to Think About War</i>.</p> <p>Or</p> <p>1 Thucydides, <i>History of the Peloponnesian War</i>, 1.66-1.87, 1.139-1.145, 2.34-2.46, 2.60-2.64, 3.37-3.49, 5.85-5.113, 6.8.4-6.24.</p> <p>2 Freedman, <i>Strategy</i>, Chapter 3.</p> <p><i>Recommended:</i> Thucydides, <i>The Peloponnesian War</i>, esp. as indicated above.</p> <p><i>Recommended:</i> S.N. Jaffe, “The Risks and rewards of Thucydides’ History of the Peloponnesian War,” <i>War on the Rocks</i>.</p> <p><i>Recommended:</i> Donald Kagan, “Athenian Strategy and the Peloponnesian War,” in Murray, Knox, and Bernstein, <i>The Making of Strategy</i>.</p>
Jan 27	Machiavelli	<p>1 Machiavelli, <i>The Prince</i>.</p> <p>2 Freedman, <i>Strategy</i>, Chapter 4.</p> <p><i>Recommended:</i> Felix Gilbert, “Machiavelli: The Renaissance of The Art of War” in Paret, <i>Makers of Modern Strategy</i>.</p>
Feb 1	Machiavelli & Coercion	<p>1 Machiavelli, <i>The Prince</i>.</p> <p>2 Freedman, <i>Strategy</i>, Chapter 4.</p> <p><i>Recommended:</i> Felix Gilbert, “Machiavelli: The Renaissance of The Art of War” in Paret, <i>Makers of Modern Strategy</i>.</p>
Feb 3	Clausewitz	<p>1 Carl von Clausewitz, <i>On War</i>, Translated by Michael Howard and Peter Paret, Edited by Beatrice Heuser.</p> <p>2 Freedman, <i>Strategy</i>, chapters 6-7.</p> <p><i>Recommended:</i> Peter Paret, “Clausewitz” in Paret, <i>Makers of Modern Strategy</i>.</p> <p><i>Recommended:</i> Michael Howard, <i>Clausewitz</i>.</p> <p><i>Recommended:</i> Alan Bayerchen, “Clausewitz, Nonlinearity and the Unpredictability of War.”</p>

Feb 8	Clausewitz 2	<p>1 Carl von Clausewitz, <i>On War</i>, Translated by Michael Howard and Peter Paret, Edited by Beatrice Heuser.</p> <p>2 Freedman, <i>Strategy</i>, chapters 6-7.</p> <p><i>Recommended:</i> Peter Paret, "Clausewitz" in Paret, <i>Makers of Modern Strategy</i>.</p> <p><i>Recommended:</i> Michael Howard, <i>Clausewitz</i>.</p> <p><i>Recommended:</i> Alan Bayerchen, "Clausewitz, Nonlinearity and the Unpredictability of War."</p>
Feb 10	Mahan & The Strategic Geographers	<p>1 HJ Mackinder "The Geographical Pivot of History"</p> <p>2 Philip A Crowl, "Alfred Thayer Mahan," in Paret, <i>makers of Modern Strategy</i>.</p> <p><i>Recommended:</i> A.T. Mahan, <i>The Influence of Sea Power Upon History, 1600-1783</i>, Introductory and Chapter 1.</p>
Feb 15	Family Day/ Reading Week	No Reading
Feb 17	Reading Week	No Reading
Feb 22	Corbett	<p>1 Julian Corbett, <i>Principles of Maritime Strategy</i>, Part 1, Chapters 1-3; Part 2, Chapters 1, 3.</p> <p><i>Recommended:</i> Corbett, Parts 1 and 2.</p> <p><i>Recommended:</i> Michael Handel, <i>Masters of War</i>, Chapter 18.</p>
Feb 24	Corbett and Wylie	<p>1 Julian Corbett, <i>Principles of Maritime Strategy</i>, Part 1, Chapters 1-3; Part 2, Chapters 1, 3.</p> <p>2 Adam Elkus and Nick Prime, "Iraq, Syria, and the Islamic State: A Matter of Control."</p>
Mar 1	Review of the Classical Thinkers	<p>1 Freedman, <i>Strategy</i>, Chapter 8.</p> <p>2 Hew Strachan, "The Lost Meaning of Strategy."</p>
Mar 3	Culture and Learning	<p>1 Elizabeth Kier, "Culture and Military Doctrine: France Between the Wars"</p> <p>2 Terry Terriff, "Warriors and Innovators: Military Change and Organizational Culture in the US Marine Corps"</p>
Mar 8	Technology, Culture, and Strategy: Air War 1914-1937	<p>1 Tammi Davis Biddle, "British and American Approaches to Strategic Bombing."</p> <p><i>Recommended:</i> David McIssac, "Voices from the Central Blue," in Paret, <i>Makers of Modern Strategy</i>.</p>
Mar 10	Technology, Culture, and Strategy: Air War 1937-	1 Tammi Davis Biddle, "British and American Approaches to Strategic Bombing."

	1972	<i>Recommended:</i> David McIssac, “Voices from the Central Blue,” in Paret, <i>Makers of Modern Strategy</i> .
Mar 15	Strategy in the Cold War	1 X, “The Sources of Soviet Strategy” 2 “United States Objectives and Programs for National Security - NSC 68” <i>Recommended:</i> Colin Gray, “Strategy in the Nuclear Age,” in Murray, Knox, and Bernstein. <i>Recommended:</i> John Lewis Gaddis, <i>Strategies of Containment</i> , esp. Chapters 2 and 3. <i>Recommended:</i> George Kennan, “The Long Telegram”
Mar 17	Nuclear Strategy	1 Freedman, <i>Strategy</i> , Chapters 12 and 13. 2 Patrick Porter. “Looking Back: WWII Remembered.” 3 Jeffrey Lewis. “The Last Nuclear Weapons Treaty Between the US and Russia is About to Fall – and No One Seems to Care.” <i>Recommended:</i> Lawrence Freedman, “The First Two generations of Nuclear Strategists,” in Paret, <i>Makers of Modern War</i> . <i>Recommended:</i> Thomas Schelling, <i>Arms and Influence</i> , Chapters 1-2.
Mar 22	Strategy in the Long War	1 <i>The National Security Strategy of the United States, 2002</i> . 2 <i>The National Defense Strategy 2018</i> .
Mar 24	Psychology and Strategy	1 Kenneth Payne, “Emotion and Conflict Termination.”
Mar 29	Cyberwar: Analogies	1 Peter Singer, “The 2018 State of the Digital Union” 2 Thomas Rid, “Cyberwar Will Not Take Place” 3 David Sanger, <i>The Perfect Weapon</i> , xi-36. <i>Recommended:</i> Erik Gartzke. “The Myth of Cyberwar.”
Mar 31	Cyberwar: Paradigms	1 David Sanger, <i>The Perfect Weapon</i> , 37-99. <i>Recommended:</i> P.W. Singer and August Cole, <i>Ghost Fleet</i> .
Apr 5	Easter Monday	No Class
Apr 7	Cyberwar: Crime	1 David Sanger, <i>The Perfect Weapon</i> , 100-170. <i>Recommended:</i> P.W. Singer and August Cole, <i>Ghost Fleet</i> .
Apr 12	Cyberwar: Infrastructure	1 David Sanger, <i>The Perfect Weapon</i> , 171-239. 2 Lucas Kello, “The Meaning of the Cyber Revolution.” <i>Recommended:</i> P.W. Singer and August Cole, <i>Ghost Fleet</i> .

Apr 14	Cyberwar: Influence and Elections	1 David Sanger, <i>The Perfect Weapon</i> , 240-308. 2 Renee Diresta et al, <i>The Tactics and Tropes of the Internet Research Agency</i> . <i>Recommended</i> 2 U.S. Senate Select Committee on Intelligence, Report on Russian active measures campaigns and interference in the 2016 election, volume 2.
Apr 19	Cyberwar: Supply Chains	1 Andy Greenberg, "A Mysterious Hacker Group is on a Supply Chain hacking Spree." 2 Nick Weaver, "Supply Chain Attacks: Why the U.S. Should worry."
Apr 21	Problems and Dilemmas	

Evaluation	Students will be assessed on their performance in a variety of individual and group assignments. Submissions are due via D2L by 2100 on the date indicated below.	
Date Due	Assignment	Grade
Ongoing	Class Discussion	10%
Jan 24	Paraphrasing and Citation Exercise	5%
Jan 31	Writing Group Charter	5%
Feb 14	Short Response Paper on Themes and Concepts	15%
Mar 7	Group Case Study: "How to Overthrow a Government"	15%
Mar 14	Group Case Study 2 Proposal	5%
Apr 18	Group Case Study: "Technology and Strategy"	25%
Apr 26	Take Home Final	20%

Late Work

Work that is not submitted by the deadline will not be accepted and will be assessed a 0%. If students anticipate there will be a difficulty submitting a particular project, they are urged to contact me as soon as possible to see if accommodations can be made.

Plagiarism

Plagiarism is failing to cite direct or indirect borrowing from another writer's work. Direct quotations need quotation marks or block formatting as well as author and page references; paraphrases or summaries of a source also require author and page

references. Citations should conform to the APA 7th edition. Although APA style guides sometimes permit writers to omit page references, work submitted for this class should provide page numbers where possible. If you have questions regarding citations, do not hesitate to ask: much better the concern is addressed before the project is submitted than afterward.

Core Texts

These translations and editions have been chosen to present the thinkers as clearly and accurately as possible. There are many poor translations of all these works available for free on the web, but in most cases, the translations are partial or unreliable. Students may choose to use digital or paper editions, as they desire, but please make certain to use the translations indicated. It is strongly advised that students acquire copies of these texts, as they will be needed frequently for the various assignments.

Clausewitz, C. (2006). *On war*. (M. Howard & P. Paret, Trans., B. Heuser, Ed.). New York: Oxford University Press.

Corbett, J. (1911). *Principles of maritime strategy*. London: Longmans.
<https://archive.org/details/someprinciplesof15076gut>

Freedman, L. (2013). *Strategy: A history*. Oxford: Oxford University Press.

Machiavelli, N. (2008). *The prince*. (P. Bondanella, Trans.). Oxford: Oxford University Press.

Sanger, D. (2018). *The perfect weapon*. New York: Crown.

Sun Tzu (1993). *The art of war*. (R. Ames, Trans.). New York: Random House.

Thucydides (2019). *How to think about war: An ancient guide to foreign policy*. (J. Hanink, Trans. and Ed.). Princeton: Princeton University Press.

Additional Readings

Biddel, T. D. British and American approaches to strategic bombing. *Journal of Strategic Studies* 18 (1).

DiResta, R. (2017). *The tactics and tropes of the internet research agency*.
<http://www.reneediresta.com/ira-report-4e8d0ff684.pdf>

Elkus, A. & Prime, N. (2014). Iraq, Syria, and the Islamic State: A matter of control. *War on the Rocks*.

<https://warontherocks.com/2014/10/iraq-syria-and-the-islamic-state-a-matter-of-control/>

Greenberg, A. (2019, May). A mysterious hacker group is on a supply chain hijacking spree. *Wired*. <https://www.wired.com/story/barium-supply-chain-hackers/>

- Jaffe, S. N. (July 6, 2017). The risks and rewards of Thucydides' history of the Peloponnesian war. *War on the Rocks*.
<https://warontherocks.com/2017/07/the-risks-and-rewards-of-thucydides-history-of-the-peloponnesian-war/>
- Kello, Lucas. (2013). The meaning of the cyber revolution. *International Security* 38 (2).
- Kier, E. (1995). Culture and military doctrine: France between the wars. *International Security* 19 (4).
- Lewis, J. (2019). The last nuclear weapons treaty between the US and Russia is about to fall – and no one seems to care. *Prospect*.
<https://www.prospectmagazine.co.uk/magazine/inside-the-new-global-arms-race-washington-us-russia-china-nuclear-weapons-cyberwarfare>
- Mackinder, H. J. (1904). The geographical pivot of history. *The Geographical Journal* 23 (4).
<http://intersci.ss.uci.edu/wiki/eBooks/Articles/1904%20HEARTLAND%20THEORY%20HALFORD%20MACKINDER.pdf>
- National Security Council. (April 14, 1950). *NSC 68: United States objectives and programs for national security*.
<http://teachingamericanhistory.org/library/document/nsc-68-united-states-objectives-and-programs-for-national-security/>
- Paret, P. (Ed.). (1986). *Makers of modern strategy*. Princeton: Princeton University Press.
- Payne, K. (2015). Fighting on: emotion and conflict termination. *Cambridge Review of International Affairs* 28 (3).
- Porter, P. (2019). Looking back: WWII remembered. *The Critic*.
<https://thecritic.co.uk/issues/december-2019/looking-back-wwii-remembered/>
- Rid, T. (2012). Cyberwar will not take place. *Journal of Strategic Studies* 35 (1).
- Singer, P.W. (January 30, 2018). The 2018 state of the digital union: The seven deadly sins of cyber security we must face. *War on the Rocks*.
<https://warontherocks.com/2018/01/2018-state-digital-union-seven-deadly-sins-cyber-security-must-face/>
- Strachan, H. (2005). The lost meaning of strategy. *Survival* 47 (3).
- Terriff, T. (2006). Warriors and innovators: Military change and organizational culture in the U.S. marine corps." *Defence Studies* 6 (2).
- United States, Department of Defense. (2018). *Summary of the national defense strategy, 2018*. Washington, DC: Government Printing Office.
<https://www.defense.gov/Portals/1/Documents/pubs/2018-National-Defense-Strategy-Summary.pdf>
- United States, President. (2002). *National security strategy of the united states, 2002*.

- Washington, DC: Government Printing Office.
<https://www.state.gov/documents/organization/63562.pdf>
- United States, Senate Select Committee on Intelligence. (2019). *Report on Russian active measures campaigns and interference in the 2016 election, volume 2*.
https://www.intelligence.senate.gov/sites/default/files/documents/Report_Volume2.pdf
- Weaver, N. (2018, June). Supply-chain attacks: Why the U.S. should worry. *Lawfare*.
<https://www.lawfareblog.com/supply-chain-attacks-why-us-should-worry>
- X [Kennan, G.]. (1947). The sources of soviet conduct. *Foreign Affairs* 25 (4).

Supplementary Texts

- Beyerchen, A. (1992). Clausewitz, nonlinearity and the unpredictability of war. *International Security* 17 (3).
- Brands, H. & Imboden, W. (2018). Wisdom without tears: Statecraft and the uses of history. *Journal of Strategic Studies* 41.
- Farrell, T. (1998). Professionalization and suicidal defence planning by the Irish army, 1921-1941. *Journal of Strategic Studies* 21 (3).
- Ferris, J. & Handel, M. (2008). Clausewitz, intelligence, uncertainty, and the art of command in military operations. *Intelligence and National Security* 10 (1).
- Gaddis, J. L. (2005). *Strategies of containment: A critical appraisal of American national security policy during the cold war*. Oxford: Oxford University Press.
- Gartzke, E. (2013). The Myth of Cyberwar. *International Security* 38 (2).
- Handel, M. (2001). *Masters of war: Classical strategic thought*. London: Routledge.
- Howard, M. (2001). Grand strategy in the 20th century. *Defence Studies* 1 (1).
- Howard, M. (2002). *Clausewitz: A very short introduction*. Oxford: Oxford University Press.
- Kennan, G. (22 February, 1946). The long telegram.
<https://nsarchive2.gwu.edu//coldwar/documents/episode-1/kennan.htm>
- Lipton, E., Sanger, D., & Shane, S. The perfect weapon: How russian cyberpower invaded the U.S. *The New York Times*.
- Mahan, A.T. (1890). *The influence of sea power upon history, 1660-1783*. Boston, MA: Little, Brown, and Co.
<http://www.gutenberg.org/files/13529/13529-h/13529-h.htm>
- Murray, W., Bernstein, A., & Knox, M. (Eds.). (1996). *The making of strategy: Rulers, states, and war*. Cambridge: Cambridge University Press.
- Murray, W., & Millett, A. (Eds.). (1996). *Military innovation in the interwar period*. Cambridge: Cambridge University Press.

Parker, G. (1995). *The Cambridge illustrated history of warfare*. Cambridge: Cambridge University Press.

Porter, P. (2018). Why America's grand strategy has not changed: Power, habit, and the U.S. foreign policy establishment. *International Security* 42 (4).

Schelling, T. (2008). *Arms and influence*. New Haven, CT: Yale University Press.

Singer, P.W., & Cole, A. (2015). *Ghost fleet*. New York: Houghton Mifflin.

Strachan, H. (2013). *The direction of war*. Cambridge: Cambridge University Press.

Thucydides. (1996). *The landmark Thucydides*. (R. Strassler, Ed.). New York, NY: Free Press.

Strassler uses the Richard Crawley translation, which is quite readable, and freely available online. It is also the version used in the Penguin edition.

Tufts University hosts a readable copy divided by chapter at:
<http://www.perseus.tufts.edu/hopper/text?doc=Perseus:text:1999.01.0200>

SAIT Policies and Procedures:

For information on the SAIT Grading Scale, please visit policy AC 3.1.1 Grading Progression Procedure: [http://www.sait.ca/Documents/About SAIT/Administration/Policies and Procedures/AC.3.1.1 Grading and Progression Procedure.pdf](http://www.sait.ca/Documents/About%20SAIT/Administration/Policies%20and%20Procedures/AC.3.1.1%20Grading%20and%20Progression%20Procedure.pdf)

For information on SAIT Academic Policies, please visit:
www.sait.ca/about-sait/administration/policies-and-procedures/academic-student