



**Course Code: POL4414**

**Course Name: Strategic Studies and Military  
Technology**

## SYLLABUS<sup>1</sup>

**Instructor** : **Assoc. Prof. Esra ALBAYRAKOĞLU**  
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CV (link) : [https://cdn.bau.edu.tr/staff/1772\\_en.pdf](https://cdn.bau.edu.tr/staff/1772_en.pdf)

### Course Information

Period : Fall 2022-2023  
Time : Monday 15:30-18:20  
Course Credit / ECTS : 3/6  
Classroom : GConf  
Mode of Delivery: : Face-to-face  
Type : Elective  
Course ECTS Page Link :

### Prerequisite (If Available)

No prerequisites.

### Course Objectives

This course familiarizes the students with the history of strategic thinking to help understand the place of military technologies in modern strategy. Drawing a bridge between international relations, strategic studies and security studies, the course puts the theory of strategy into practice by analyzing various cases in different geographies against the background of continuous advancements in military technology.

### Course Learning Outcomes

At the end of the course, you will be able to:

1. Grasp the nexus between security, strategy and technology;
2. Identify major strategists and their impact on modern strategic thought and practice;
3. Notice the historical continuity and change behind technological revolutions;
4. Evaluate the legal and ethical dimensions of contemporary warfare and related technologies;
5. Develop competencies with respect to active inquiry and critical thinking.

### Contribution of the Course to the Program (No effect – 5)

1. Grasp basic theoretical and conceptual knowledge about the field and relations between them at the level of practice (5).
2. Possess basic knowledge about the causes and effects of political transformations in societies (3).

<sup>1</sup> It is essential that the syllabus announced at the beginning of the term is not changed except when necessary. When a requirement occurs, the curriculum can be changed by the lecturer of the course by notifying this situation in writing or verbally beforehand. It is the student's responsibility to follow the current program.

3. Possess knowledge about quantitative, qualitative and mixed research methods in social and behavioral sciences (No effect).
4. Recognize historical patterns while evaluating contemporary political and social developments (3).
5. Demonstrate interdisciplinary and critical approach while analyzing, synthesizing and forecasting domestic and foreign policy (3).
6. Conduct studies in the field professionally, both independently or as a team member (3).
7. Possess consciousness about lifelong learning based on Research & Development (3).
8. Communicate with peers both orally and in writing, by using a foreign language at least at a level of European Language Portfolio B1 General Level and the necessary informatics and communication technologies (5).
9. Apply field-related knowledge and competences into career advancement, projects for sustainable development goals, and social responsibility initiatives (3).
10. Possess the habit to monitor domestic and foreign policy agenda as well as international developments (5).
11. Possess competence to interpret the new political actors, theories and concepts in a global era (5).
12. Evaluate the legal and ethical implications of advanced technologies on politics (5).

### **Course Structure**

The course will be held face-to-face. In extraordinary circumstances, some classes may be held online (via MSTeams) upon prior notice. Online classes, if there are any, will be held synchronously; they will not be recorded.

### **Course Policy**

#### ***Communication Channels and Methods:***

You can choose e-mail or ItsLearning messaging to communicate with me. To facilitate communication, it is advised that you introduce yourself first. Please kindly spell-check your text and avoid using chat language.

#### ***Usage of Digital Tools:***

Your cell phones should be muted or turned off before class. There may be some important situations in our lives (health, family, personal) and in such cases, please turn your phone to vibration and if you really need to talk, leave the class and talk outside and come back to the lesson.

#### ***Assignments and Project Deadline:***

All exams (Midterm Exam at Week 7, two Quizzes at Weeks 4 and 11, and Final Exam at the end of the semester) will be held at the classroom. Projects are to be submitted on the last day of classes.

#### ***Attendance:***

Attendance will be taken. It is not mandatory; but strongly recommended.

#### ***Disabled Student Support:***

You can contact me directly regarding the issues that may be an obstacle for you (vision, hearing, etc.). In addition to this, there is a Disabled Student Unit in order to minimize the difficulties that our disabled students will encounter due to their disabilities and to eliminate the obstacles. You should contact this unit regarding your situation.

#### ***Oral and Written Communication Ethics:***

During the lesson you have to express yourself respectfully in your communication with your friends and with me. In addition, you are responsible for maintaining this respect in discussions, homework and correspondence on the online platform.

### **Course Resources**

Weekly readings will be uploaded on ItsLearning at the beginning of the semester. Please note that all book chapters and articles listed on the syllabus are also accessible through the BAU Library. The PPT files will be shared on ItsLearning following each class. Please also watch the Youtube videos indicated below.

#### **WEEK 1: INTRODUCTION TO SECURITY, STRATEGY AND TECHNOLOGY**

- Barry Buzan, "Introduction: Strategic Studies and International Relations," in *An Introduction to Strategic Studies, Military Technology and International Relations*, London: Macmillan Press, 1987, pp. 1-7.
- Petr Suchy, "Role of Security and Strategic Studies within International Relations Studies," *Defense and Strategy* 2, 2003.
- John Baylis, James J. Wirtz and Colin S. Gray (eds.), *Strategy in the Contemporary World: An Introduction to Strategic Studies*, 6th Edition, Oxford: Oxford University Press, 2019, Introduction.

<https://www.youtube.com/watch?v=gTUNVRiwHJo&t=4s> (Strategy and National Security)

### **WEEK 2: STRATEGIC THEORY**

- Michael I. Handel, *Masters of War: Classical Strategic Thought*, 3rd Edition, London: Frank Cass, 2005, Chp. 2.
- John Baylis, James J. Wirtz and Colin S. Gray (eds.), *Strategy in the Contemporary World: An Introduction to Strategic Studies*, 6th Edition, Oxford: Oxford University Press, 2019, Chp. 4.

<https://www.youtube.com/watch?v=Hz4FNBj1APA> (Sun Tzu - The Art of War Explained in 5 Minutes/ short and fun, yet very informative!)

<https://www.youtube.com/watch?v=5w2-iczMNWI> (The Sun Tzu Approach to Cybersecurity)

<https://www.youtube.com/watch?v=ST-AKvNjK2c> (Clausewitz's on War - A Theory for Military Theorists)

### **WEEK 3: STRATEGIC CULTURE**

- Kerry Longhurst, *Germany and the Use of Force: The Evolution of Germany Security Policy*, Manchester: Manchester University Press, 2016, Chp. 7.
- Roger E. Kanet, "Russian Strategic Culture, Domestic Politics and Cold War 2.0," *European Politics and Society* 20:2, 2018.
- John Baylis, James J. Wirtz and Colin S. Gray (eds.), *Strategy in the Contemporary World: An Introduction to Strategic Studies*, 6th Edition, Oxford: Oxford University Press, 2019, Chp. 6.

<https://www.youtube.com/watch?v=ZXT5dRdNacQ> (Jacek Bartosiak and Marek Budzisz debate the Russian strategic culture and Russian way of war)

<https://www.youtube.com/watch?v=ZnAMo12odS4> (Russian vs Ukrainian Strategic Culture: The Nuclear Weapons Perception / first 40 mins. would be enough)

<https://www.youtube.com/watch?v=8MGGgxlRORw&t=21s> (The Responsibility to Defend: Rethinking Germany's Strategic Culture)

### **WEEK 4: GEOGRAPHY AND STRATEGY**

- Thomas G. Mahnken and Joseph A. Maiolo (eds). *Strategic Studies: A Reader*, New York: Taylor and Francis, 2014, Chps. 7-9.
- John Baylis, James J. Wirtz and Colin S. Gray (eds.), *Strategy in the Contemporary World: An Introduction to Strategic Studies*, 6th Edition, Oxford: Oxford University Press, 2019, Chp. 15 & 18.

<https://www.youtube.com/watch?v=LdduzOPz6Zw> (Tank Revolutionary: J.F.C. Fuller's Diary)

<https://www.youtube.com/watch?v=nEe8JX0YKBE> (Naval strategy of Alfred T. Mahan / includes a comparison with Julian Corbett)

[https://www.youtube.com/watch?v=9KKJ\\_fxOwY4](https://www.youtube.com/watch?v=9KKJ_fxOwY4) (Air Power! A history with Dr James Rogers)

### **WEEK 5: INTELLIGENCE AND STRATEGY**

- Steve Chan, "The Intelligence of Stupidity: Understanding Failures in Strategic Warning," *The American Political Science Review* 73:1, 1979.
- Stephen Marin, "Why Strategic Intelligence Analysis Has Limited Influence on American Foreign Policy," *Intelligence and National Security* 32:6, 2017.
- John Baylis, James J. Wirtz and Colin S. Gray (eds.), *Strategy in the Contemporary World: An Introduction to Strategic Studies*, 6th Edition, Oxford: Oxford University Press, 2019, Chp. 9.

<https://www.youtube.com/watch?v=2MANsEfe5uw> (Conversations with Strategy: Former MI6 Chief, John Sawers on intelligence and diplomacy)

[https://www.youtube.com/watch?v=DbnWxeI\\_tvY](https://www.youtube.com/watch?v=DbnWxeI_tvY) (Interview with former CIA-Analyst: Ray McGovern)

<https://www.youtube.com/watch?v=VX6xMrTJRCo&t=4s> (Spies, informants and new enemies - Today's intelligence agencies)

[https://www.youtube.com/watch?v=7gSU\\_Xes3GQ](https://www.youtube.com/watch?v=7gSU_Xes3GQ) (China - Surveillance state or way of the future?)

#### **WEEK 6: LAW, POLITICS AND THE USE OF FORCE**

- James R. Walker, "The Rise of GEOINT: Technology, Intelligence and Human Rights," in S. Ristovska and M. Price (eds.), *Visual Imagery and Human Rights Practice*, Palgrave and IAMCR Series, 2018, pp. 67-88.
- Ruth Blakely, "Drones, State Terrorism and International Law," *Critical Studies on Terrorism* 11, 2018.
- John Baylis, James J. Wirtz and Colin S. Gray (eds.), *Strategy in the Contemporary World: An Introduction to Strategic Studies*, 6th Edition, Oxford: Oxford University Press, 2019, Chp. 7.

<https://www.youtube.com/watch?v=cpt-web6N6Y> (Drones Are Not Ethical and Effective by Prof. Jeremy Waldron | Oxford Union)

<https://www.youtube.com/watch?v=G99A8LAKnaU> (Drones Are Ethical and Effective by Kenneth Anderson | Oxford Union)

<https://www.youtube.com/watch?v=Izd2qOgOGQI> (Artificial Intelligence and Its Ethics)

#### **WEEK 7: Q&A FOR THE MIDTERM EXAM**

#### **WEEK 8: THE EVOLUTION OF MODERN WARFARE**

- Thomas G. Mahnken and Joseph A. Maiolo (eds). *Strategic Studies: A Reader*, New York: Taylor and Francis, Chp. 19.
- John Baylis, James J. Wirtz and Colin S. Gray (eds.), *Strategy in the Contemporary World: An Introduction to Strategic Studies*, 6th Edition, Oxford: Oxford University Press, 2019, Chp. 3.

[https://www.youtube.com/watch?v=oQajs\\_sIryA](https://www.youtube.com/watch?v=oQajs_sIryA) (Weapons Evolution | 40,000BC - 2020)

[https://www.youtube.com/watch?v=MZ60UDys\\_ZE](https://www.youtube.com/watch?v=MZ60UDys_ZE) (Drones, hackers and mercenaries - The future of war)

#### **WEEK 9: TECHNOLOGY AND WARFARE**

- Kenneth Payne, "Artificial Intelligence: A Revolution in Strategic Affairs?" *Survival*, 60:5, 2018.
- John Baylis, James J. Wirtz and Colin S. Gray (eds.), *Strategy in the Contemporary World: An Introduction to Strategic Studies*, 6th Edition, Oxford: Oxford University Press, 2019, Chp. 8.

<https://www.youtube.com/watch?v=TmlBkW6ANsQ> (The future of modern warfare: How technology is transforming conflict)

<https://www.youtube.com/watch?v=1CQqqyztm2A> (How The US-China Tech War Will Divide The World)

<https://www.youtube.com/watch?v=NpwHszy7bMk> (How AI is driving a future of autonomous warfare)

<https://www.youtube.com/watch?v=s5Cj9oGkN8k> (Hypersonic missiles arms race: What you need to know)

#### **WEEK 10: IRREGULAR WARFARE: TERRORISM & INSURGENCY**

- Thomas G. Mahnken and Joseph A. Maiolo (eds). *Strategic Studies: A Reader*, New York: Taylor and Francis, Chp. 15.
- Osman Antwi-Boateng, "The Rise of Pan-Islamic Terrorism in Africa: A Global Security Challenge," *Politics & Policy*, 45:2, 2017.
- Rao Komat et. al., "The Blackwater of Jihad," *Foreign Policy*, February 10, 2017.
- Christina Schori Liang, "Unveiling the 'United Cyber Caliphate'," *Georgetown Journal of International Affairs*, 18:3, 2017.
- John Baylis, James J. Wirtz and Colin S. Gray (eds.), *Strategy in the Contemporary World: An Introduction to Strategic Studies*, 6th Edition, Oxford: Oxford University Press, 2019, Chp. 11.

<https://www.youtube.com/watch?v=DLOwkYS6Uyc> (Terrorism and Counterterrorism)

<https://www.youtube.com/watch?v=Jo1UurfvimE> (9/11: How the terror attack changed the world and counterterrorism strategies)  
<https://www.youtube.com/watch?v=sPkCGcbHUcl> (Is Africa's problem with Islamist terrorism getting worse?)  
<https://www.youtube.com/watch?v=9P-5fDMcSAQ> (Iraq War: Insurgency and Counterinsurgency)  
[https://www.youtube.com/watch?v=\\_1DJHcju-oA](https://www.youtube.com/watch?v=_1DJHcju-oA) (How Taliban Expanded in Afghanistan During America's Longest War | WSJ)

### **WEEK 11: CONVENTIONAL POWER IN THE 21<sup>ST</sup> CENTURY**

- Robert Peters et al., “Deterrence in the 21st Century: Integrating Nuclear and Conventional Force,” *Strategic Studies Quarterly*, Winter 2018.
- John Baylis, James J. Wirtz and Colin S. Gray (eds.), *Strategy in the Contemporary World: An Introduction to Strategic Studies*, 6th Edition, Oxford: Oxford University Press, 2019, Chp. 14.

<https://www.youtube.com/watch?v=eT2NR3CTag4> (Military Balance 2022 launch)  
<https://www.youtube.com/watch?v=pa5Vr5Q0eYc&t=141s> (An Enduring Alliance: Conventional Forces in the Cold War & Beyond)  
<https://www.youtube.com/watch?v=Crm563FsCaw> (By Parity and Presence: Deterring Russia with Conventional Land Forces)  
[https://www.youtube.com/watch?v=bJkJI-fH\\_-U](https://www.youtube.com/watch?v=bJkJI-fH_-U) (Key lessons from the Ukraine conflict about conventional warfare)

### **WEEK 12: NUCLEAR WEAPONS IN THE 21<sup>ST</sup> CENTURY**

- Thomas G. Mahnken and Joseph A. Maiolo (eds). *Strategic Studies: A Reader*, New York: Taylor and Francis, Chp. 12.
- John Baylis, James J. Wirtz and Colin S. Gray (eds.), *Strategy in the Contemporary World: An Introduction to Strategic Studies*, 6th Edition, Oxford: Oxford University Press, 2019, Chp. 12.

<https://www.youtube.com/watch?v=M7hOpT0IPGI> (I've studied nuclear war for 35 years -- you should be worried. | Brian Toon)  
<https://www.youtube.com/watch?v=HRFAuIKkP7o&t=20s> (The new Cold War - More nuclear weapons in Europe?)  
[https://www.youtube.com/watch?v=9d7mxjfjWc\\_s&t=2s](https://www.youtube.com/watch?v=9d7mxjfjWc_s&t=2s) (How and why Russia might use nukes)  
<https://www.youtube.com/watch?v=DzAvV0dLs1c> (North Korea passes law officially declaring itself a nuclear weapons state)  
<https://www.youtube.com/watch?v=cCi02gBqsH4> (How nuclear-powered submarines work and how they compare to other types of submarines)

### **WEEK 13: THE RISE OF CYBERPOWER**

- Kenneth Geers, “Sun Tzu and Cyber War,” CCD CoE Paper, February 9, 2011.
- Ricardo A. Crespo, “Currency Warfare and Cyber Warfare: The Emerging Currency Battlefield of the 21st Century,” *Comparative Strategy* 37:3, 2018.
- John Baylis, James J. Wirtz and Colin S. Gray (eds.), *Strategy in the Contemporary World: An Introduction to Strategic Studies*, 6th Edition, Oxford: Oxford University Press, 2019, Chp. 17.

[https://www.youtube.com/watch?v=\\_nVq7f26-Uo](https://www.youtube.com/watch?v=_nVq7f26-Uo) (The Five Laws of Cybersecurity | Nick Espinosa)  
<https://www.youtube.com/watch?v=L78r7YD-kNw> (The Future of Cyberwarfare | Origins: The Journey of Humankind)  
<https://www.youtube.com/watch?v=JqTcbxG6kmg> (Historical Progression of Cyber Strategy)  
<https://www.youtube.com/watch?v=05L56IdFYVk> (Could Russia's war on Ukraine escalate into a global cyberwar?)  
<https://www.youtube.com/watch?v=STi2okv8qpQ> (Seoul joins NATO's cyber defence unit, China terms the move as 'provocation')

### **WEEK 14: NEW AGENDA FOR STRATEGY / Q&A FOR THE FINAL EXAM**

- Marina Malamud, “The Environment as a Factor in Small Wars,” *Small Wars & Insurgencies* 29:2, 2018.

- Eli Stiefel, “Threat Multiplier: The Growing Security Implications of Climate Change,” Fletcher Security Review 5:1, 2018.
- John Baylis, James J. Wirtz and Colin S. Gray (eds.), Strategy in the Contemporary World: An Introduction to Strategic Studies, 6th Edition, Oxford: Oxford University Press, 2019, Chp. 21.

<https://www.youtube.com/watch?v=tMSHxUr2Fjk> (Film Chronicles Rise and Fall of Eco-Terrorist Cell)

<https://www.youtube.com/watch?v=Y2bkc4xYe2M> (The silent victim of Colombia’s long war: the environment)

<https://www.youtube.com/watch?v=qNUuIA1Pam8> (The Resource Curse)

<https://www.youtube.com/watch?v=KcQRZ8S-fXo&t=33s> (How climate change is leading to a rise in violence in the Sahel)

### Grading and Evaluation:

Assignment	Description	Scoring	Weight (%)
* <b>Midterm</b>	The essay-type, analytical Midterm Exam covers subjects of Weeks 1-6. It will last 1.5 hours. <u>Learning Outcomes to be Assessed:</u> 1, 2, 3, 5.	100	30
* <b>Quizzes</b>	1st Quiz at Week 4; covering subjects of Weeks 1-3 & 2nd Quiz at Week 11; covering subjects of Weeks 8-10. Each quiz includes short-answer and/or fill in the blanks type questions and lasts 30 minutes. <u>Learning Outcomes to be Assessed:</u> 1, 2, 3, 4.	100	20 (10 each)
* <b>Project</b>	Three-page report about your visit to Naval Museum or Harbiye Military Museum. <u>Learning Outcomes to be Assessed:</u> 1, 2, 3.	100	10
* <b>Final Exam</b>	The essay-type, analytical Final Exam covers subjects of Weeks 8-14. It will last 1.5 hours. <u>Learning Outcomes to be Assessed:</u> 1, 2, 3, 4, 5.	100	40
<b>TOTAL</b>		100	100

### Course Calendar

Week/Place	Course Topic	To Do	Assignments & Deadline*
W1 G102	Introduction	Weekly readings & videos	
W2 G102	Strategic Theory	Weekly readings & videos	
W3 G102	Strategic Culture	Weekly readings & videos	

<b>W4</b> <b>G102</b>	Geography & Strategy	Weekly readings & videos	QUIZ 1
<b>W5</b> <b>G102</b>	Intelligence & Strategy	Weekly readings & videos	
<b>W6</b> <b>G102</b>	Law, Politics, Force Use	Weekly readings & videos	
<b>W7</b> <b>G102</b>	Q&A		MIDTERM EXAM
<b>W8</b> <b>G102</b>	Evolution of Modern War	Weekly readings & videos	
<b>W9</b> <b>G102</b>	Technology and Warfare	Weekly readings & videos	
<b>W10</b> <b>G102</b>	Irregular Warfare	Weekly readings & videos	
<b>W11</b> <b>G102</b>	Conv. Power in 21 <sup>st</sup> Cent.	Weekly readings & videos	QUIZ 2
<b>W12</b> <b>G102</b>	Nuclear Weap. in 21 <sup>st</sup> Cent	Weekly readings & videos	
<b>W13</b> <b>G102</b>	Rise of Cyberpower	Weekly readings & videos	
<b>W14</b> <b>G102</b>	New Agenda / Q&A		PROJECT SUBMISSION

### Academic Integrity, Cheating and Plagiarism

Hexham (2005) defines plagiarism as a planned deliberate action to deceive the reader by pretending to be someone's word or words. Academic plagiarism is also in the form of an author's use of more than four words in his own research, without using quotation marks from a written source, without a precise reference to the original source published before, or in the form of similar fraudulent behavior in scholarship-application forms he wrote to contribute to his research.

- Actions that can be defined as contrary to publication ethics in the scientific community are defined as follows;
  - plagiarism, - cheating, - paraphrasing,
  - fabrication and falsification of data,
  - to help copying and plagiarism, -To prevent others from accessing a source or data,
  - Appearing as a writer in joint studies without contributing,
  - Use of widely known / anonymous information, -No regular attribution,
  - Self plagiarism etc.
- Not everything on the Internet is public and cannot be obtained without permission or reference.
- Studies conducted without proper reference are graded with a score of zero.
- Large amounts of manuscripts copied without being quoted will be considered plagiarism and you will be responsible.

- Please be aware that the penalties for plagiarism can range from grading homework to dropping you out of class.
- If you copied, plagiarized or copied / pasted, do not expect the instructor of the course to write you a reference letter or to be your advisor.
- How is plagiarism penalized?

If it is revealed that you have overcome the course, the instructor of the course will refer to the program coordinator. Depending on the seriousness of the situation, the Program Coordinator decides with the committee the appropriate penalty from giving a grade of 0 from the homework grade to leaving the course. In any case, the student has the right to defend himself.

ARTICLE 25 – (1) In case it is doubled that a student cheats or attempts to cheat, commits plagiarism or similar violations defined in the applicable disciplinary regulation in any exam, assignment or other assessment activities, a disciplinary proceeding is brought against the student. Such activity is not assessed during the proceedings. A student who is found guilty is assigned zero point in addition to the disciplinary punishment. If the student is found innocent as a result of disciplinary proceeding, the exam taken by the student shall be assessment or a make-up exam or activity is provided.

[You can access Bahçeşehir University and Higher Education Institution Regulations by clicking this sentence.](#)

### **Prepared by Name Surname and Date of Preparation:**

Assoc. Prof. Esra ALBAYRAKOĞLU

02.10.2022