

Department of Political Science
Faculty of Behavioral and Social Sciences
University of the Punjab, Lahore
Course Outline



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| Programme | BS Diplomacy and Strategic Studies | Course Code | SDSS-222 | Credit Hours | 02 |
| Course Title | War in the 21st Century | | | | |
| Course Introduction | | | | | |
| <p>This course will explore the changing character of war. World’s battlefields are re shaped due to number of technological breakthroughs in nanotechnology, new manufacturing, scientific inventions, robotics, artificial intelligence and quantum computing. The existing assumptions and expectations about war are rapidly changing all areas of modern warfare. Combat has moved from ground battles to remote battles having less physical contact. Planning and strategies for war have changed and become complex.</p> | | | | | |
| Learning Outcomes | | | | | |
| <p>On the completion of the course, the students will:</p> <ol style="list-style-type: none"> 1. Understand the changing nature of war 2. Investigate the impact of technologies on the conduct of war 3. Study the implications of new techniques in war 4. Understand the brutality and violence in the future wars 5. Acquire strong academic foundation to aid them in other courses | | | | | |
| Course Content | | | | | |
| Week 1 | Unit-I | | | | |
| | Changing Nature of Armed Conflicts | | | | |
| Week 1 | Unit-II | | | | |
| | Prospects of Future War | | | | |
| Week 2 | Introduction to Technological Transformations | | | | |
| Week 3 | Adaptation to Technological Shifts | | | | |
| Week 4 | Wars Within and Beyond States | | | | |
| Week 5 | Changes in Military Technology | | | | |
| | Qualitative and Quantitative | | | | |
| Week 6 | Revolution in Weaponry | | | | |
| Week 7 | Specialization of Weapons | | | | |
| Week 8 | Rise of Commercial Technology | | | | |
| Week 9 | Mid Term Exam | | | | |

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| Week 10 | Challenges of new technology | |
| Week 11 | Opportunities for War Capabilities | |
| Week 12 | Irregular War Fare | |
| Week 13 | Non Traditional War Fare | |
| Week 14 | Terrorism and Counter Terrorism | |
| Week 15 | Insurgencies and Counter Insurgencies | |
| Week 16 | Final Term Exam | |

Textbooks and Reading Material

- **“Artificial Intelligence and National Security”** Congressional Research Service, 10 November 2020 <http://crsreports.congress.gov/product/pdf/R/R45178s>
- **Mills, Steve, Presentation at Global Security Forums, Centre for Strategic and International Studies, Washington DC 7 November 2017**
- **Bidwell, Christopher. And Macdonald, Bruce. (2018), “Emerging Disruptive Technologies and their Potential Threats to Strategic Stability and National Security” Federation of American Scientists.**
- **Hadi, Syed.” Emerging Technologies and Strategic Stability: A Race towards Ubiquity” Centre for Strategic and Contemporary Research Perspectives**
- **Blainey, Geoffrey. (1977).*The Causes of War*, Melbourne: Sun Books.**
- **Collins, John M. (1973). *Grand Strategy: Practice and Principles*, (Annapolis, MD: Naval War College Press.**
- **Gray, Colin S.(2010). *The Strategy Bridge: theory for practice*, Oxford: Oxford University Press.**
- **Paret, Peter (ed.). (1986). *Makers of Modern Strategy from Machiavelli to the Nuclear Age*, Gray, Colin S.(2010). *The Strategy Bridge: theory for practice*, Oxford: Oxford University Press.**

Teaching Learning Strategies

1. Class Lectures
2. Distribution of the reading material to the students
3. Learning through Case Studies
4. Guest Speaker lecture related to the subject matter

Assignments: Types and Number with Calendar

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| 1. Class Quiz | 5 marks |
| 2. Short Test | 5 marks |
| 3. Presentations | 5 marks |
| 4. Assignment | 10 marks |

Assessment

| Sr. No. | Elements | Weightage | Details |
|----------------|----------------------|------------------|--|
| 1. | Midterm Assessment | 35% | Written Assessment at the mid-point of the semester. |
| 2. | Formative Assessment | 25% | Continuous assessment includes: Classroom participation, assignments, presentations, viva voce, attitude and behavior, hands-on-activities, short tests, projects, practical, reflections, readings, quizzes etc. |
| 3. | Final Assessment | 40% | Written Examination at the end of the semester. It is mostly in the form of a test, but owing to the nature of the course the teacher may assess their students based on term paper, research proposal development, field work and report writing etc. |