

DSS COURSE SCHEDULE – SUMMER 2019

June 10 – August 2

(unless dates are noted otherwise)

SEATED COURSES				
Class	Number	CRN	Professor	Meeting Days/Times
Science, Technology, and Defense Policy <i>Zoom/VTC available for students residing outside of the DC metro area</i>	DSS 703-001	CRN 32990	Professor Rose	June 10 – 6-9 pm ***** June 15, 22, 29 – 8 am-1pm July 6, 13 – 8 am-1pm ***** July 16 – 6-9 pm

INTERNET COURSES		
Chemical & Biological Warfare DSS 727-555 – CRN 35046 Professor Claborn	China: The International Politics of China's Rise DSS 726-899 – CRN 36503 Professor McKinney	Cyber Warfare DSS 797-898 – CRN 35525 Professor Mazanec
International Terrorism & Security DSS 710-899 – CRN 35913 Professor Kiras	<u><i>Air Force & Fort Leonard Wood Only</i></u> Internship/Professional Experience DSS 720-899 – CRN 35914 Professor Rose	Russia: Contemporary Security Issues in Russia DSS 708-899 – CRN 36520 Professors Shoumikhin & McKinney
Strategic Culture DSS 719-899 – CRN 36504 Professor Kartchner	<i>(space intentionally blank)</i>	<i>(space intentionally blank)</i>

ARRANGED COURSES		
Active in Research <i>(thesis completion)</i> DSS 794-001 – CRN 35013 Professor Shoumikhin	Directed Reading <i>(student and professor arranged)</i> DSS 796-001 – CRN 30912 DSS 796-002 – CRN 31912 Professor Shoumikhin	Internship DSS 720-001 – CRN 30911 Professors Joseph and Koch
Thesis DSS 799-001 – CRN 35012 Professor Shoumikhin	Closed Directed Reading: Energy Security Summit DSS 796-500 Professor Rose	<i>(space intentionally blank)</i>

DSS Course Descriptions

Summer 2019 Semester

SEATED COURSES

DSS 705 NATO and European Security Challenges *Professor Rose*

CRN 31908

This course will provide a comprehensive understanding of NATO coupled with European and Eurasian security issues with a focus on challenges to U.S. defense and foreign policy. The following issues will be addressed:

- NATO history, organization, expansion, transformation and consensus decision-making.
- Transformation in the alliance context, its implications and key challenges.
- What NATO is doing to combat terrorism, address threats posed by proliferation of weapons of mass destruction, cyber attack, energy security and concerns with the Russian Federation.
- NATO's policies of enlargement and partnership, including the relationship with Russia, Ukraine, Caucasus, Balkan & Central Asian nations; the likely future evolution of NATO's partnerships.
- NATO's relationship to the European Union, CSCE and UN.
- How NATO, Europe & Eurasia have evolved in the post-Cold War and post 9-11 time frames; how NATO is likely to evolve in the future?
- What is America's role in NATO and throughout the European and Eurasian area? How important is the American role in securing transatlantic relations?
- The overall objective of the course is to provide students with an up-to-date understanding of the North Atlantic Alliance as well as associated European & Eurasian security issues so that they can make informed judgments, including roles, missions and interests of the United States and NATO nations, and how it is likely to evolve.

DSS 703 Science, Technology, and Defense Policy *Professor Rose*

CRN 32990

Course will address seven major themes:

- One: The meaning, linkage and scope of what we call "Science, Technology & Defense Policy;"
- Two: The history of the technology of war;
- Three: The application of "science to war" and the application of "science to weapons used in war";
- Four: How S&T impacts policy and politics;
- Five: The relationship between scientists, the policy-maker and the public;
- Six: The changing "technical & scientific" nature of Military Operations---Cold War to Post Cold War;
- Seven: S&T as an "instrument" of policy versus S&T as a "goal" of policy.

(end of Seated Courses)

DSS Course Descriptions

Summer 2019 Semester

INTERNET COURSES

DSS 727 Chemical & Biological Warfare *Professor Claborn*

CRN 35046

Course will provide an understanding of chemical and biological warfare (CBW), including the essentials of how to prevent, protect and respond to their threat. The course will address three main objectives:

Objective 1. Understand basic technical aspects of, and agreements related to, CBW: This will provide an overview of chemical and biological weapons technology and compare/contrast the differences across the chemical, biological, radiological and nuclear spectrum.

Objective 2. Understand the application of chemical and biological weapons in an historical context: This will cover the history of CBW, including weapons use and how key events helped shape current policies and practices in mitigating the threat of CBW proliferation.

Objective 3. Understand the complexities and challenges of responding to CBW threats and the evolution of U.S. CBW-related policy: The impact of advances in science will be reviewed, the shift in application from state-sponsored WMD programs to non-state actor acquisition of WMD will be covered, and the complexities of identifying and detecting biological and chemical weapons deployment and delivery will be addressed.

DSS 726 China: The International Politics of China's Rise *Professor McKinney*

CRN 36503

What does China's rise mean for China? What does it mean for Asia? And what does it mean for the U.S.? This course uses the most sophisticated and up-to-date academic literature to begin answering these questions. Themes include the role of the People's Liberation Army (PLA) in Chinese foreign policy, the evolving military balance, the security dilemma in U.S.-China relations, the changing landscape of global governance, and the principal contested questions of the region: the China-Japan relationship, the question of Taiwan, and nature of the South China Sea dispute. China's capabilities, intentions, and likely reactions to various American strategies will be carefully interrogated. Students will begin to think about what peace with China means, and what a U.S.-China war might look like. At the conclusion of the course, students will be prepared to submit an op-ed to an appropriate outlet, such as *The Diplomat* or *The National Interest*, on one of the course's themes.

DSS 797 Cyber Warfare *Professor Mazanec*

CRN 35525

Course addresses emerging international relations, policy, doctrine, strategy, and operational issues associated with Computer Network Attack (CNA), Computer Network Defense (CND), and Computer Network Exploitation (CNE)—collectively referred to as cyber warfare. It provides students with a comprehensive perspective and enhances their knowledge of cyber warfare conducted by both state and non-state actors.

DSS Course Descriptions

Summer 2019 Semester

DSS 710 International Terrorism & Security *Professor Kiras*

CRN 35913

Course addresses the historical, current, and future policy, strategy, and operational issues associated with terrorism. It provides students with a comprehensive perspective and enhances their knowledge of terrorism conducted by both state and non-state actors.

DSS 720 Internship/Professional Experience *Professor Rose*

CRN 35914 (AFIT & FLW only)

Professional experience and training in defense and arms control policy making with a U.S. Government department; includes preparation of a written report based upon the internship and professional development assessment from supervisor.

DSS 708 Russia: Contemporary Security Issues in Russia *Professors Shoumikhin and McKinney*

CRN 36520

Course addresses on an advanced level current developments in Russia and other states of the former Soviet Union as they bear on issues of national and international security and on U.S. security policy-making. The approach will combine analysis of internal developments related to military power and policy, and of evolving international policies, with strategic and geopolitical analysis.

DSS 719 Strategic Culture *Professor Kartchner*

CRN 36504

Course will provide an introduction to using strategic culture as an analytical approach to understanding the cultural, religious, historical, and leadership sources of state and non-state actor behavior, with special reference to issues related to national security and weapons of mass destruction. The concept of strategic culture captures domestic sources of state behavior, and offers an alternative or supplemental explanatory framework to the prevailing realist and constructionist theories of international relations. This course is designed to be a follow-on course to DSS 601, Seminar on Nuclear Strategy and Arms Control, and will examine the cultural context for applying theories of deterrence and dissuasion. This course will involve a survey of thinking and analysis on strategic culture, from both theoretical and policy perspectives, as well as an exposure to the framework and methodology of strategic cultural analysis. Several key strategic cultures will serve as case studies for class sessions. Students in the class will have the opportunity to select and explore additional case studies as class presentation assignments.

(end of Internet Courses)

DSS Course Descriptions

Summer 2019 Semester

ARRANGED COURSES

DSS 794 Active in Research *Professor Shoumikhin*

CRN 35013

Students who have completed all course work and are only working on their research component may register for this course. The course is assessed a \$600 supplemental course fee and allows the following: access to the library including online services, access to computer services and Missouri State email, and scheduled meetings and access to DSS professors. Course is for zero credit hours and is graded "P" (pass) or "W" (student discontinues participation in the course and is dropped from the course).

DSS 796 Directed Reading *Professor Shoumikhin*

CRN 30912, 31912 (if taking a second directed reading) – prerequisite of instructor permission

Individually tailored directed readings or research for bibliographical purposes; for improvement of research skills; for the purposes of a broader background of knowledge (e.g., in areas not covered by seminars, such as classical writings on strategy, and on the art of warfare historically or in the American experience); for more depth in selected areas of specialization; and/or to help meet the non-thesis MS degree research requirement.

DSS 720 Internship *Professors Koch and Joseph*

CRN 30911 (Requires completion and submission of approval form prior to start of semester. Contact [Department Coordinator](#) to receive form.)

Internship experience and training in defense and arms control policy making with a U.S. Government department or agency, a Washington, D.C., based defense policy research institute, or institution of comparable professional experience, including preparation of a written report or research paper based upon the internship.

DSS 799 Thesis *Professor Shoumikhin*

CRN 35012 (prerequisite of completion of minimum number of DSS course requirements)

Independent research and study connected with preparation of thesis.

(end of Arranged Courses)