American Public University System

The Ultimate Advantage is an Educated Mind

School of Security and Global Studies
INTL628
Intelligence Support to Multi-Domain Operations
Credit Hours: 3
Length of Course: 8 Weeks

Table of Contents

Instructor Information

Instructor: See Classroom
Biography:
Office Hours:
Please contact your instructor through the Messages tab in the classroom.
After the class is over, instructor contact information:

Course Description (Catalog)

INTL 628 – Intelligence Support to Multi-Domain Operations (3 hours)

This course introduces students to the new military doctrine for the next 20 years. The military began implementing MDO in 2018, and is the focus of concepts, exercises, and capability development. There are five phases in MDO; compete, penetrate, dis-integrate, exploit, and re-compete. Inherent in MDO is a larger effort to collect and analyze data. Intelligence plays an essential role in the collection and analysis of data. This class looks at how intelligence will support MDO for the foreseeable future.

Course Scope

During this course, students will develop a comprehensive knowledge of the multiple domains and associated military operations. There are five domains that this course will focus on: air, land, maritime, space, and cyberspace. The intelligence community (IC) is active in all five domains, and each domain is unique in how intelligence is collected, processed, exploited, and disseminated (PED), and how analysis is conducted. The type of operations range from large-scale combat operations (LSCO) to combating violent extremist organizations (VEOs).

Course Objectives

This course is designed contribute to student's short and long term educational goals while ensuring students obtain the knowledge and skills outlined in this syllabus. Students need to establish a functional educational relationship between themselves and the instructor as well as a synergistic interface amongst the entire class. Do this through using all relevant features of the MyClassroom Learning Management System and maintaining a supportive and collaborative learning experience bolstered by courtesy and respect.

Much of your grade for this course will be based upon the demonstrated mastery of goals outlined below. The successful student will be prepared to complete the following learning objectives:

- CO-1: Understand MDO and its phases

- CO-2: Discuss intelligence support to MDO

- CO-3: Apply intelligence discipline understanding to MDO

- CO-4: Understand how data implications could challenge intelligence collection and analysis

- CO-5: Evaluate intelligence support to each phase of MDO

Course Delivery Method

Instructional Approach and Course Requirements

This intelligence studies course delivered via distance learning will enable students to complete academic work in a flexible manner, completely online. Course materials and access to an online learning management system will be made available to each student. Each week Readings and Lessons are provided with completion required. There are six Discussion and Two Assignments.

Successful completion of this course will require extensive reading each week, weekly interactions in the six Discussions, and successful completion of the two Assignments

Discussions: We can learn as much from each other as we will from the material. The purpose of the weekly discussion questions is to facilitate our getting to know one another and sharing our thoughts about the weekly readings, activities and discussion topic in the Lab or otherwise. Weekly Discussion questions and prompts (accomplished in groups in a Forum) require an initial response by Thursday at 11:55 pm ET, with two other required responses due by Sunday at 11:55 pm ET (Week One the initial post is due Sunday at 11:55 pm ET as well as responses).

Weekly Deliverables: Are noted in the classroom.

Graded Assignments: Six Discussions and Two Assignments.

Exams: There are no exams.

Course Materials

Readings and Resources

Week 1

Multi-Domain Operations.

Carlisle, Herbert J. *The Complexity of Multi-Domain Operations.*

Parkinson, Jeremy. *Is Fluidity the Key to Effective Multi-Domain Operations?*

U.K. MoD. *Multi-Domain Integration.*

Nettis, Kimber. *Multi-Domain Operations: Bridging the Gaps for Dominance.*

Multi-Domain Intelligence.

Initial Discussion on *Nagorno-Karabakh.*

Due: Discussions (Introduction & Intelligence Support to MDO)

Week 2

Donnelly, Jared & Falrley, Jon. *Defining the "Domain" in Multi-Domain.*

AFDP 3-99 *Department of the Air Force Role in Joint All-Domain Operations (JADO).*

Canovas, Juan. *Multi-Domain Operations and Challenges to Air Power.*

Multiple Dilemmas for the Joint Force.

Due: Discussion (How are Multi-Domain Operations Challenging Air Power in the Future?)

Week 3

Tenets of MDO.

TP 525-3-1. *The U.S. Army in Multi-Domain Operations 2028.*

Cantwell, Gregory L. *Theater Army Role in Multi-Domain Operations Integrated Research Project.*

Defense Primer: *Army Multi-Domain Operations (MDO).*

Due: Discussion (Tenets of MDO)

Week 4

Study on Multi-Domain Operations in the Maritime Domain.

Spears, Will. *A Sailor's Take on Multi-Domain Operations.*

Reed, Jessica. *Commanding Operations in the Information Environment.*

Due: Discussion (MDO in the Maritime Domain)

Week 5

Gibson, Richard W. *Multi-Domain Operations and Counter-Space*

Venable, John. *U.S. Space Force (2022 Assessment of Space Power)*

Couch, Clayton W. *Why United States Space Force Doctrine Development Is Critical To Its Success*

Due: Discussion (Operating in a DDIL Environment)

Week 6

MacKenzie, Paul. *Cyberspace and Multi-Domain Operations.*

Gady, Franz-Stefan & Stronell, Alexander. *Cyber Capabilities and Multi-Domain Operations in Future High-Intensity Warfare in 2030.*

Kreuzer, Michael P. *Cyberspace is an Analogy, Not a Domain: Rethinking Domains and Layers of Warfare for the Information Age.*

Due: Assignment One (Proposal)

Week 7

Naughton, Patrick. *Building a Foundational Understanding of Interagency Coordination.*

Roberts, Brad (Editor). *Getting the Multi-Domain Challenge Right.*

Campbell, Peter. *The Army Innovates Better Than You Think: A Guide to Thinking About Multi-Domain Operations and Fighting Future Wars.*

Due: Discussion (Dealing with the Future)

Week 8

Spencer, John. & Ghoorhoo, Harshana. *The Battle of Shusha city and the Missed Lessons of the 2020 Nagrono-Karabakh War.*

Gressel, Gustav. *Military Lessons from Nagorno-Karabakh: Reason for Europe to Worry.*

Ho, Ben. *The Second Nagorno-Karabakh War: Takeaways for Singapore's Ground-Based Air Defense.*

Due: Final Assignment (Case Study)

All readings and lessons can be found in the classroom under the *Content* tab.

Table of Contents

Evaluation Procedures

Each discussion and assignment will be evaluated by the instructor and comments may be given informally within the forum grading window or in more detail within the forum grading comment window. Please see associated rubrics for grading criteria for discussions and assignments.

LATE ASSIGNMENTS: Late assignments and late forum posts will be accepted under certain circumstances. A student request for late submission must be initiated twenty-four (24) hours prior to the assignment deadline. Without prior permission by the instructor, late work will be assessed a penalty.

CITATION AND REFERENCE STYLE: All assignments for the School of Security and Global Studies (papers, essays, exams, and Forums) must follow the Chicago Author/Date citation method.

An online copy of a Chicago Author/Date quick guide may be found at:

https://www.chicagomanualofstyle.org/tools_citationguide/citation-guide-2.html.

To help learn and use proper formatting, also try the Chicago Citation Guide from the Naval Postgraduate School found at: https://libguides.nps.edu/citation/chicago-ad

Discussions – One initial post due by Thursday; two follow-up posts to classmates by Sunday. Specific questions found in Forums tab of the classroom. There are no Discussion boards due for weeks 6 and 8.

Assignment 1 – Proposal (instructions are posted in the assignments section in the classroom).

Assignment 2 – Case Study (instructions are posted in the assignments section in the classroom).

.

Grade Instruments	Percentage
Discussions	30
Assignment 1 (Proposal)	30
Final Assignment (Case Study)	40
Total	**100**

Please see the Student Handbook to reference the University's grading scale.

For all university policies, including grading system, extensions, and disability accommodations, please see the APUS Student Handbook.

Table of Contents

Policies

Please see the Student Handbook to reference all University policies. Quick links to frequently asked question about policies are listed below.

Drop/Withdrawal Policy
Plagiarism Policy
Extension Process and Policy
Disability Accommodations

Citation and Reference Style

Attention Please: Students will follow the Chicago Author/Date style as the sole citation and reference style used in written work submitted as part of coursework to the University.
See http://www.apus.edu/Online-Library/tutorials/chicago.htm.

A quick guide is found at:

https://www.chicagomanualofstyle.org/tools_citationguide/citation-guide-2.html.

To help learn and use proper formatting, also try the Chicago Citation Guide from the Naval Postgraduate School found at: https://libguides.nps.edu/citation/chicago-ad

Late Assignments

Students are expected to submit classroom assignments by the posted due date and to complete the course according to the published class schedule. As adults, students, and working professionals, I understand you must manage competing demands on your time. Should you need additional time to complete an assignment, please contact me before the due date so we can

discuss the situation and determine an acceptable resolution. Routine submission of late assignments is unacceptable and may result in points deducted from your final course grade.

Online Library

The Online Library is available to enrolled students and faculty from inside the electronic campus. This is your starting point for access to online books, subscription periodicals, and Web resources that are designed to support your classes and generally not available through search engines on the open Web. In addition, the Online Library provides access to special learning resources, which the University has contracted to assist with your studies. Questions can be directed to **librarian@apus.edu**.

- ***Charles Town Library and Inter Library Loan:*** The University maintains a special library with a limited number of supporting volumes, collection of our professors' publication, and services to search and borrow research books and articles from other libraries.
- ***Electronic Books:*** You can use the online library to uncover and download over 50,000 titles, which have been scanned and made available in electronic format.
- ***Electronic Journals:*** The University provides access to over 12,000 journals, which are available in electronic form and only through limited subscription services.
- ***Tutor.com***: AMU and APU Civilian & Coast Guard students are eligible for 10 free hours of tutoring provided by APUS. Tutor.com connects you with a professional tutor online 24/7 to provide help with assignments, studying, test prep, resume writing, and more. Tutor.com is tutoring the way it was meant to be. You get expert tutoring whenever you need help, and you work one-to-one with your tutor in your online classroom on your specific problem until it is done.

Request a Library Guide for your course (http://apus.libguides.com/index.php)
The AMU/APU Library Guides provide access to collections of trusted sites on the Open Web and licensed resources on the Deep Web. The following are specially tailored for academic research at APUS:

- Program Portals contain topical and methodological resources to help launch general research in the degree program. To locate, search by department name, or navigate by school.
- Course Lib-Guides narrow the focus to relevant resources for the corresponding course. To locate, search by class code (e.g., SOCI111), or class name.

If a guide you need is not available yet, please email the APUS Library: librarian@apus.edu.

Turnitin.com

Faculty require assignments be submitted to Turnitin.com. Turnitin.com will analyze a paper and report instances of potential plagiarism for the student to edit before submitting it for a grade. The instructor will post information in the classroom on student procedures.

Required Readings

See Course Outline.