

**INTELLIGENCE COLLECTION AND ANALYSIS
INSS 4301, CRN #28669
TUESDAYS AND THURSDAYS, 12 :00 – 1 :20 PM,
EDUCATION BUILDING, ROOM 303
THE UNIVERSITY OF TEXAS AT EL PASO
SPRING, 2020**

I. Misty Duke, PhD
Office phone: 915-747-8573
Office hours Mondays 9:00 – 2:00, Kelly Hall, Room 213A
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II. TEXTBOOK

Clark, R. M. (2011). *Intelligence collection*. CQ Press: Thousand Oaks, CA. ISBN: 978-1452271859

Fingar, T. (2011). *Reducing uncertainty: Intelligence analysis and national security*. Stanford University Press: Stanford, CA. ISBN: 978-0804775946

Additional readings will be posted on Blackboard.

III. COURSE OBJECTIVES

Upon satisfactory completion of this course, the student will be able to:

- A. Understand and identify the main collection sources and platforms
- B. Express the central issues related to collection sources and platforms
- C. Discuss and define intelligence analysis and how it fits into U.S. national security
- D. Improve public speaking and writing skills

IV. COURSE CATALOG DESCRIPTION

This course examines the collection and analytical processes of U.S. intelligence agencies. The course begins with a description of the basic collection disciplines and examples of their application in the field. Then the course examines the processes and products of intelligence analysis. Students will also apply the tools of analysis, including structure analytic technique, to a current national security issue.

V. COURSE REQUIREMENTS

A. Exams (50% of your grade)

There will be two exams throughout the semester. Each exam includes multiple choice, fill-in-the-blank and short answer questions. Exam 2 will be cumulative (30% of your grade). If you cannot take the exam on the scheduled date for a foreseeable reason, you must contact me well before the exam. If you miss an exam due to an emergency on the day of the exam, you must contact me as soon as possible. I may require documentation supporting your excuse for missing the exam to determine whether or not you will be given a makeup exam. Information covered on the exams will be taken from the book and class discussions. All of the information in the book will not be covered in the class. You are responsible for reading and knowing the book material. Additionally, all of the information covered in class will not be in the book. The scores on all exams will be adjusted so that the average score is 75% of the maximum possible points. If you arrive late for the exam, you may not be allowed to take it. If you do not put your name on the exam, you may receive a grade of 0.

B. Reading quizzes (20% of your grade)

Reading quizzes will be administered randomly throughout the semester to ensure that you have read the assigned chapters. Reading quizzes will be comprised of multiple choice and short answer questions. Makeups will not be allowed for missed quizzes, even if you arrive late for the class. Your lowest quiz grade will be dropped.

C. Class participation (10% of your grade)

You will be required to take part in interactive activities and discussion during class. It is important that you attend class, participate fully, and take part in thoughtful discussion. Attendance and participation during class activities will comprise your class participation grade.

D. Application briefings (20% of your grade)

Each student will conduct **two** briefings throughout the term that connect the session's readings to a recent (e.g. in the last couple years) world event. The briefing is expected to be brief, clear, and concise and conducted in five minutes. The instructor will assign students to brief on preselected dates. The grading rubric for this assignment, as well as additional details, can be found on Blackboard by clicking the "Application briefings" in the Navigation Pane. Students must upload their slides to Blackboard (using the "Application briefings" link) before the class in which they will conduct the briefing.

VI. GRADING SCALE AT THE END

A = 90 – 100%

B = 80 – 89%

C = 70 – 79%

D = 60 – 69%

F = below 60%

NOTE: Final grades are a weighted average of assignment and exam grades. Final grades are not curved.

VII. TECHNOLOGICAL PROBLEMS/QUESTIONS

For all technological, hardware, software problems, lost files, and/or questions with Blackboard, as well as difficulties you are having during an exam, contact Technology Support Help Desk 24 hours a day, 7 days a week. Tech support is set up to specifically address technical questions and problems about Blackboard.

Professors are not technical support staff.

Phone: E-mail: Website: In Person:

915.747.4357 or toll free: 1-877-382-0491

<https://www.utep.edu/technologysupport/>

UTEP Library, Room 300

Please regularly refer to Blackboard for links, documents, announcements, and calendar changes. You are responsible for being up-to-date on all class information that is posted on Blackboard.

CHECK YOUR TECHNOLOGY

- A. Computer with a reliable internet connection. Mobile devices are not reliable to access exams and use the discussion board.
- B. Blackboard (BB) Learning Management System. The entire course is run through UTEP's BB system, so students must activate and use their BB accounts regularly. Always log in using your UTEP name and password, and never as a "guest" (the guest option will kick you out after 15-20 minutes, which is problematic when taking a test because you will not be able to finish your test). All students are responsible for regularly logging in and checking for posted announcements, submitting assignments, participating in discussion boards, and taking tests through BB. Contact UTEP tech support for any questions or concerns regarding navigating in BB or learning how to do something in BB.

- C. Browser Information (See the left side of the menu on the main BB page for hardware, software, and browser checks) Firefox seems to consistently work the best, but other supported Browsers include Chrome, Safari, and Internet Explorer. Be sure to “Allow pop-ups” for Blackboard Clear your browser cache
- D. Verify that you have the most updated version of “Java” <http://java.com>.
- E. All word documents should be saved with a “docx” extension identifying it as a Microsoft Word file or compatible with MS Word, Windows Media Player, Quick Time, Adobe Reader, Adobe Flash Player

VIII. ACADEMIC DISHONESTY

If a student is suspected of cheating on the exams through collaboration with other students, the instructor will follow the University’s policy regarding student dishonesty, which may result in a grade of zero and referral of the student to the Office of Student Conduct. If a student is suspected of plagiarism, the instructor will follow the University’s policy regarding student dishonesty, which may result in a grade of zero and referral of the student to the Office of Student Conduct.

Academic dishonesty or cheating is simply unethical and not acceptable under any circumstances. Plagiarism is a form of cheating that involves “stealing” the words and thoughts of others. It is a very serious academic violation and cannot be tolerated. The most common form of plagiarism is using information or original wording in a paper or other assignment without giving credit to the source of that information or wording. **Plagiarism also includes the direct copying of a source verbatim (word for word) and incorporating that copied material into the student’s paper or assignment without first paraphrasing with proper referencing or placing the copied text into a direct quotation, again with appropriate footnotes or citations.** Students must use their own words when not using direct quotes. Direct quotes should be used sparingly and only when appropriate to provide examples, evidence, or illustrate specific points. **Students cannot simply “cut and paste” wording or text from source material to artificially “construct” their papers, essays, and other assignments. This practice is also considered plagiarism, even if references are done properly.**

Likewise, students must not submit work under their name that they did not do themselves. Students also may not submit work for this course that they produced for another course. If students are found to be cheating in any capacity including plagiarism and collusion, they will be subject to disciplinary action, per UTEP catalog policy. Cases of academic dishonesty will be sent to the Office of Student Conduct and Conflict Resolution for adjudication and possible sanctions. Possible penalties for academic dishonesty include a zero for the assignment, a failing grade for the course, suspension, and even expulsion from the university. Students are responsible for understanding their specific obligations to maintain academic integrity at all

times. Please refer to the following link for further information on UTEP's policies on plagiarism and academic dishonesty: <http://sa.utep.edu/osccr/academic-integrity/>.

IX. STUDENTS WITH SPECIAL NEEDS

If students have a disability that requires an accommodation, they may contact Center for Accommodations and Support Services at 747-5148.

X. UTEP COURSE DROP POLICY

If unforeseen circumstances happen where a drop is necessary, students are responsible for initiating any course drop. It is the student's responsibility to determine how dropping courses may affect financial aid. **Students are limited to dropping no more than 6 courses over their entire academic career of all courses taken at any public college or University in Texas.**

- A. Students who drop a course before the "official census date," the course will not appear on the transcript, and doesn't count toward the 6-course drop limit.
- B. Dropping a course after the official census date, but before the "course drop date" will generate a "W" in the course—although the drop shows on your transcript, a "W" does not lower your GPA. However, a "W" counts against your 6-drop limit.
- C. If the course is dropped after the "course drop date" or if the student just stops participating, taking tests, etc., UTEP requires the instructor to issue an "F" in the course that permanently remains on the transcript.
- D. UTEP also allows instructors to administratively drop any student because of too many times the student fails to submit assignments, discussion questions, or because of disciplinary reasons. In this case, the student will be notified of the course drop through their UTEP student email account. A "W" or an "F" will be issued. A "W" for these reasons counts against the 6-drop limit.

XI. STUDENT CONDUCT

Because this class will involve extensive discussion and debate, it is especially important that all students attend to the appropriateness of their comments. You must be respectful of other students and of all opinions. All communication should be free of vulgar, offensive, and/or discriminatory language. While it is appropriate to share your opinion on particular issues, your opinion should be presented as such (not as a fact) and should be supported by valid, factual arguments. You may also provide constructive criticism of other opinions. Constructive criticism is provided respectfully and professionally, criticizing the merit of the arguments or the veracity of the facts not the person.

Cell phones should not be used in class without the permission of the instructor. Students should attend to the instructor during class lectures. Students who are disruptive to the class will be asked to leave. Students who wish to record lectures must obtain the instructor's permission. Laptops are allowed during class for taking notes or to aid in classroom exercises. Students who use laptops for other purposes will be asked to put them away.

Students should ensure that all emailed communication is written using appropriate etiquette. Please use a salutation (for example, "Dear Dr. Duke", or "Hello Dr. Duke"), a clear and thorough communication of your question or concern, and a closing (for example, "Thanks, Bill Martinez" or "Sincerely, Angel Gomez"). Make sure to proofread your emails for grammar, spelling, and clear meaning. Also, please be sure to indicate the course title or number in your email.

CLASS CALENDAR (calendar subject to change)

1/21	<p>Introduction to the class Learning how to brief</p>
1/23	<p>Intelligence collection overview Finding news stories for briefing</p> <p>Clark, R. M. (2013). Perspectives on intelligence collection. <i>The Intelligencer</i>, 20, 47-53.</p>
1/28-1/30	<p>Open source intelligence</p> <p>Clark "Open source intelligence"</p>
2/4-2/6	<p>Human intelligence</p> <p>Clark "Human intelligence"</p>
2/11-2/13	<p>Signals intelligence</p> <p>Clark "Communications intelligence" and "Cyber collection"</p>
2/18-2/20	<p>Geospatial intelligence</p> <p>Clark "Optical imagery" and "Radiometric and spectral imaging"</p>
2/25-2/27	<p>Measurement and signature intelligence</p> <p>Read only the "Function" sections of the following chapters in Clark: "Radar" "Synthetic Aperture Radar" "Passive RF" "Acoustic and Seismic Sensing" "Materials Intelligence"</p>
3/3-3/5	<p>Collection platforms</p> <p>Clark "Collection platforms"</p>

3/10-3/12	Managing intelligence collection Clark “Managing intelligence collection”
3/17-3/19	Spring Break-no classes
3/24	Midterm review
3/26	Midterm
3/31-4/2	Intelligence analysis overview: Reducing uncertainty Fingar “Reducing uncertainty” and “Myths, fears, and expectations”
4/3	Course drop deadline
4/7	The job of the analyst Fingar “Spies collect data, analysts provide insight”
4/9	Identifying opportunities Fingar “Using intelligence to anticipate opportunities and shape the future”
4/14-4/16	Estimative analysis Fingar “Estimative analysis: What it is, what it isn’t, and how to read it”
4/21-4/23	When intelligence analysis “fails” Fingar “A tale of two estimates”
4/28-4/30	The future of intelligence analysis Fingar “Epilogue: Lessons and challenges”
5/5-5/7	Review for final
5/12	Final exam 1:00-3:45 pm

