NAVY 2023 – Navigation I  
SPRING 2019

<table>
<thead>
<tr>
<th>Instructor:</th>
<th>LT Cordaress Chambers, US Navy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section # and CRN:</td>
<td>24593</td>
</tr>
<tr>
<td>Office Location:</td>
<td>Hobart Taylor, 2A203D</td>
</tr>
<tr>
<td>Office Phone:</td>
<td>(936) 261-1630</td>
</tr>
<tr>
<td>Email Address:</td>
<td><a href="mailto:ctchambers@pvamu.edu">ctchambers@pvamu.edu</a></td>
</tr>
<tr>
<td>Office Hours:</td>
<td>Monday/Wednesday – 0900-1200 or by appointment</td>
</tr>
<tr>
<td>Mode of Instruction:</td>
<td>Face-to-Face</td>
</tr>
<tr>
<td>Course Location:</td>
<td>Hobart Taylor 2B209</td>
</tr>
<tr>
<td>Class Days &amp; Times:</td>
<td>TR 0930 – 1050</td>
</tr>
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**Catalog Description:**
NAVY 2023 is the first of two navigation courses designed to provide an overview of navigation theory and principles along with plotting techniques and procedures. Other topics discussed include tides, currents, the effects of wind and weather, use of navigation instruments, and types of characteristics of electronic navigation systems. Recent case studies illustrate crisis decision-making, and bridge the gap between the academic and operational environment. These principles provide a base foundation essential for practical application in the United States Navy.

**Prerequisites:**
NONE

**Co-requisites:**
NONE

**Required Texts:**

**Recommended Texts:**
N/A
Student Learning Outcomes:

<table>
<thead>
<tr>
<th>Program Learning Outcome #</th>
<th>Alignment</th>
<th>Core Curriculum Outcome Alignment</th>
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1. Understand the duties and responsibilities of the Navy plotting team.
2. Comprehend the navigation department’s operational and administrative structures.
3. Know the theory of information obtained from the practice of celestial navigation and radar navigation.
4. Understand chart selection and determination of chart accuracy and reliability.
5. Comprehend the importance of navigation records and the essential publications.
6. The student will know the Rules of the Road for vessels in Inland and International waters.
7. Apply the fundamentals of the practice of marine navigation at sea.

Major Course Requirements

Method of Determining Final Course Grade

<table>
<thead>
<tr>
<th>Course Grade Requirement</th>
<th>Value</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Homework</td>
<td>10%</td>
<td>100</td>
</tr>
<tr>
<td>2) Quizzes</td>
<td>20%</td>
<td>200</td>
</tr>
<tr>
<td>3) Class Participation</td>
<td>15%</td>
<td>150</td>
</tr>
<tr>
<td>4) Midterm Exam</td>
<td>25%</td>
<td>250</td>
</tr>
<tr>
<td>5) Final Exam</td>
<td>30%</td>
<td>300</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td><strong>100%</strong></td>
<td><strong>1000</strong></td>
</tr>
</tbody>
</table>

Grading Criteria and Conversion:

A = 90 – 100%
B = 80 – 90%
C = 70 – 80%
D = 60 – 70%
F = Below 60%

Grade Calculation and Re grade Policy:

Grades will be rounded up at the end of the semester. I will take the student's total number of points and move the decimal one space to the left. For example, if a student earns 895 points than there grade will round up to a 90%. 5 and above will round up to the next whole number. 4 and below will round down to the next whole number. Students with questions about their grades on assignments can schedule an appointment to meet with me. During the meeting we will discuss the specifics of why they received their grade and...
determine if a regrade if necessary. If so, I will regrade the entire exam and not just the questions that were missed. No quizzes, assignments, or exams will be dropped. All students are encouraged to perform to the best of their abilities on every assignment.

Extension and Late Submission Policy

Extensions on assignments will be determined on a case by case basis. Extensions may be requested in unexpected circumstances that are outside of the student's control e.g. death of an immediate family, serious illness, etc. It will be at my discretion if an extension will be granted.

Detailed Description of Major Assignments:

<table>
<thead>
<tr>
<th>Assignment Title or Grade Requirement</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Homework</td>
<td>Written exercises are assigned to allow the application of covered principles. Work must be shown; late submissions will not be accepted. Assignments will conform to the following guidelines: neat hand writing on white lined paper (8 1/2 x 11) OR typed double-spaced on white paper (8 1/2 x 11); 12-point Times New Roman; one inch margins; your name, date, course number, and assignment title in top left corner of the page.</td>
</tr>
<tr>
<td>2. Quizzes</td>
<td>Announced or unannounced, (in class or take home). These short quizzes will test understanding of the required reading assignments and to ensure students comprehend course content from the readings and material recently presented in class. Take-home quizzes are OPEN BOOK; and completion is part of preparing for class.</td>
</tr>
<tr>
<td>3. Class Participation</td>
<td>Reading is crucial for our interaction and your development. We learn from each other, please share your knowledge. Credit will be given for constructive contribution and deducted for lack of participation. Keep in mind, in order to have an effective learning environment you should always respect the opinions of other midshipmen and classmates as well as the instructor.</td>
</tr>
<tr>
<td>4. Exams</td>
<td>Examinations may consist of short essays, multiple choice, and/or fill in the blank. Clearly and concisely respond to the examination questions. Although not an English course, naval officers are expected to possess the ability to clearly express themselves; therefore grammar, spelling, and punctuation are taken into consideration when determining your final grade on all written assignments.</td>
</tr>
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</table>

Course Procedures or Additional Instructor Policies

Taskstream

Taskstream is a tool that Prairie View A&M University uses for assessment purposes. One of your assignments may be considered an “artifact,” an item of coursework that serves as evidence that course objectives are met. More information will be provided during the semester, but for general information, you can visit Taskstream via the link in eCourses.
All students will be encouraged to turn in all assignments on time. If a student misses a deadline than the penalty for late submission will be one letter grade for each day past the deadline.

Attendance
Attendance is mandatory. Absences may be excused with prior approval from the instructor for legitimate reasons and proof of such. If you are unable to obtain prior approval due to unforeseen circumstances, contact me as soon as possible! Midshipmen and civilian students with more than one unexcused absences or tardiness will receive a reduced grade. One unexcused absence will result in a warning. However, the second will result in a reduced grade. Midshipmen can also expect to be referred to the Unit chain of command for disciplinary action and/or a Performance Review Board for the second and subsequent absences.

Appearance and Military Conduct
Your personal appearance and conduct, both in uniform and in civilian attire, should be consistent with that of a prospective Naval or Marine Corps Officer. Professionalism will be expected in the classroom at all times. Civilian students are expected to adhere to societal norms for proper and respectable civilian attire. Failure to abide will result in being excused from the class until the deficiency is corrected. NO SLEEPING IN CLASS. If you are drowsy go to the rear of the room and stand up.

Electronics Policy
Laptops are permitted so long as they are used for note taking. If anyone abuses this privilege then note taking on laptops will be forbidden. Cell phones are permissible so long as they are placed on vibrate or silent and do not distract yourself, other students, or the professor. If cell phones become a widespread problem the professor reserves the right to require all cell phones be turned off prior to class. AUDIO AND VIDEO RECORDING IS STRICTLY PROHIBITED.

Textbooks
All required texts and handouts will be provided to you at no cost. Supplemental reading materials will be made available to you. You must return all items at the final class session or you will reimburse the NROTC unit for the cost of the books.

Reading Assignments
Reading assignments are to be completed prior to the class for which they are assigned. The reading assignment provides a basic background for the material presented in class and a failure to complete the reading will significantly reduce the effectiveness of the available classroom time and your understanding of the material. Any material from the reading assignments may appear on the exams, even if it is not specifically covered in class.

Additional Resources
In addition to the texts that are issued to you as part of this course, handout readings or website links may be assigned for reading. Additionally there are a number of other resources that you may find useful during your studies. I will make these resources available to you as the course progresses.

Extra Credit Opportunities
Various opportunities for extra credit will be made available over the course of the semester. Extra credit assignments are completely voluntary in nature and are not a requirement for your final score. If you find yourself in a position needing more points to receive a better grade I strongly encourage you then to take advantage of these
opportunities. Maximum amount of points per extra credit assignment will not exceed 10 points, or 1% of your cumulative grade (every percentage counts!).

Semester Calendar

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
</tr>
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<tbody>
<tr>
<td>15 Jan</td>
<td>Introduction/Book Issue</td>
</tr>
<tr>
<td>17 Jan</td>
<td>Piloting Team/Chart Projection and Numbering</td>
</tr>
<tr>
<td>22 Jan</td>
<td>Chart Projections and Numbering</td>
</tr>
<tr>
<td>24 Jan</td>
<td>Navigation Publications/Chart Reading/Visual Aids</td>
</tr>
<tr>
<td>29 Jan</td>
<td>Visual Navigation Aids</td>
</tr>
<tr>
<td>31 Jan</td>
<td>Navigation Instruments</td>
</tr>
<tr>
<td>05 Feb</td>
<td>Lines of Position/Dead Reckoning/ Fixes</td>
</tr>
<tr>
<td>07 Feb</td>
<td>Test 1</td>
</tr>
<tr>
<td>12 Feb</td>
<td>Precise Plotting/Weather</td>
</tr>
<tr>
<td>14 Feb</td>
<td>Celestial Navigation</td>
</tr>
<tr>
<td>19 Feb</td>
<td>Chart MIDTERM Introduction</td>
</tr>
<tr>
<td>21 Feb – 05 Mar</td>
<td>Chart Prep</td>
</tr>
<tr>
<td>07 Mar</td>
<td>Chart Exercise (MIDTERM)</td>
</tr>
<tr>
<td>11 – 16 Mar</td>
<td>SPRING BREAK</td>
</tr>
<tr>
<td>19 Mar – 02 Apr</td>
<td>Navigation Rules- International and Inland</td>
</tr>
<tr>
<td>04 Apr</td>
<td>Rules of the Road Test</td>
</tr>
<tr>
<td>09-25 Apr</td>
<td>Maneuvering Board Fundamentals -CPA, Stationing, Winds</td>
</tr>
<tr>
<td>30 Apr</td>
<td>FINAL REVIEW</td>
</tr>
<tr>
<td>TBD</td>
<td>FINAL EXAM</td>
</tr>
</tbody>
</table>

Student Support and Success

**John B. Coleman Library**

The library and its partners have as their mission “to provide resources and instructional material in support of the evolving curriculum, as a partner in Prairie View A&M University’s mission of teaching, research, and service” and to support the University’s core values of “access and quality, diversity, leadership, relevance, and social responsibility” through emphasis on ten key areas of service. It maintains library collections and access both on campus, online, and through local agreements to further the educational goals of students and faculty.

**Center for Academic Support**

The Center for Academic Support (CAS) offers Tutoring via peer tutoring. The services include workshops (i.e., Save My Semester, Recalculate Your Route), seminars (i.e., Tools You Can Use: TI-84), group review sessions (i.e., College Algebra Topic Reviews, GRE Preparation), group study opportunities (i.e., TSIA, HESI, Study Break, Exam Cram), and test-taking strategies (How to take Notes, Study Buddy, 5 Day Study Guide). The Tutoring Center is a nationally certified tutoring program through the National Tutoring Association. The peer tutors are trained and certified by the coordinator each semester. Location: J.B. Coleman Library
COMPASS
The Center for the Oversight and Management of Personalized Academic Student Success (COMPASS) is designed to help Prairie View students in their second year and beyond navigate towards graduation by providing the following services: Academic Advisement, Targeted Tutorials for Personalized Learning, Campus-Wide Referrals, and Academic & Social Workshops. Location: J.B. Coleman Library

Writing Center
The Writing Center provides student consultants on all aspects of the writing process and a variety of writing assignments. Writing Center consultations assist students in such areas as prewriting, brainstorming, audience awareness, organization, research, and citation. Location: Hilliard Hall 121

University Rules and Procedures

Disability statement (See Student Handbook): Students with disabilities, including learning disabilities, who wish to request accommodations in class should register with the Services for Students with Disabilities (SSD) early in the semester so that appropriate arrangements may be made. In accordance with federal laws, a student requesting special accommodations must provide documentation of their disability to the SSD coordinator. The law requires colleges and universities to make reasonable accommodations for all students with documented disabilities, without compromising the integrity of the academic standard or degree. The Director of the Office of Disability Services will determine the appropriate accommodation based on documentation and the degree of limitation of the individual with a disability. Students self-identify for services with the Office of Disability Services and voluntarily provide faculty and service providers with a letter from the Office of Disability Services. Examples of reasonable accommodations may include, but are not limited to: extended time for testing, interpreters, note-taking assistance, use of tape recorders, use of colored overlays, large tables and seating space, small-group or individual test environments, accessible housing, accessible parking, readers for exams, books on tape, alternate forms, etc.

Academic misconduct (See Student Handbook): You are expected to practice academic honesty in every aspect of this course and all other courses. Make sure you are familiar with your Student Handbook, especially the section on academic misconduct. Students who engage in academic misconduct are subject to university disciplinary procedures. Forms of academic dishonesty:

1. Cheating: deception in which a student misrepresents that he/she has mastered information on an academic exercise that he/she has not mastered; giving or receiving aid unauthorized by the instructor on assignments or examinations.

2. Academic misconduct: tampering with grades or taking part in obtaining or distributing any part of a scheduled test.

3. Fabrication: use of invented information or falsified research.

4. Plagiarism: unacknowledged quotation and/or paraphrase of someone else’s words, ideas, or data as one’s own in work submitted for credit. Failure to identify information or essays from the Internet and submitting them as one’s own work also constitutes plagiarism.
Nonacademic misconduct (See Student Handbook)
The university respects the rights of instructors to teach and students to learn. Maintenance of 
these rights requires campus conditions that do not impede their exercise. Campus behavior that 
interferes with either (1) the instructor's ability to conduct the class, (2) the inability of other 
students to profit from the instructional program, or (3) campus behavior that interferes with the 
rights of others will not be tolerated. An individual engaging in such disruptive behavior may be 
subject to disciplinary action. Such incidents will be adjudicated by the Dean of Students under 
nonacademic procedures.

Sexual misconduct (See Student Handbook):
PVAMU faculty, staff, students and guests have the right to be free from sexual violence and 
sexual misconduct. All members of the University community are expected to conduct themselves 
in a manner that does not infringe on another person's civil rights. PVAMU has a zero-tolerance 
policy for sex discrimination, sexual misconduct and sexual violence. Individuals who are found to 
have committed such acts will be subject to disciplinary action up to and including separation 
from the University. Sexual harassment of students and employers at Prairie View A&M 
University is unacceptable and will not be tolerated. Any member of the university community 
violating this policy will be subject to disciplinary action. See the Student Handbook for additional 
information. Sexual harassment of students and employers at Prairie View A&M University is 
unacceptable and will not be tolerated. Any member of the university community violating this 
policy will be subject to disciplinary action.

Counseling Services
In keeping with Student Affairs mission, Student Counseling Services assist students in 
overcoming obstacles to their personal and academic goals that may impede their development. 
We accomplish this by offering individual, couples, academic skills, and group counseling for 
students and through outreach presentations, referrals, crisis intervention, training and 
consultation for the campus community. Our goal is to create a learning environment where our 
clients feel safe, respected and valued as they address difficult concerns and learn alternative 
ways of coping that will be beneficial beyond their collegiate years. As a result, we will do our part 
in improving the motivation, performance, and success of students in need.

Attendance Policy
Prairie View A&M University requires regular class attendance. Excessive absences will result in 
lowered grades. Excessive absenteeism, whether excused or unexcused, may result in a 
student's course grade being reduced or in assignment of a grade of "F". Absences are 
accumulated beginning with the first day of class.

Student Academic Appeals Process
Authority and responsibility for assigning grades to students rests with the faculty. However, in 
those instances where students believe that miscommunication, errors, or unfairness of any kind 
may have adversely affected the instructor's assessment of their academic performance, the 
student has a right to appeal by the procedure listed in the Undergraduate Catalog and by doing 
so within thirty days of receiving the grade or experiencing any other problematic academic event 
that prompted the complaint.

TECHNICAL CONSIDERATIONS

Minimum Recommended Hardware and Software:
- Intel PC or Laptop with Windows 7; Mac with OS X; Smartphone or iPad/Tablet with Wi-Fi
- High speed Internet access
- 8 GB Memory
• Hard drive with 320 GB storage space
• 15” monitor, 800x600, color or 16 bit
• Sound card w/speakers
• Microphone and recording software
• Keyboard & mouse
• Most current version of Google Chrome, Safari, Internet Explorer or Firefox

**Note:** Be sure to enable Java & pop-ups

**Participants should have a basic proficiency of the following computer skills:**
• Sending and receiving email
• A working knowledge of the Internet
• Proficiency in Microsoft Word (or a program convertible to Word)
• Proficiency in the Acrobat PDF Reader
• Basic knowledge of Windows or Mac O.S.

**Netiquette (online etiquette):**
Students are expected to participate in all discussions and virtual classroom chats as directed. Students are to be respectful and courteous to others on discussions boards. Foul or abusive language will not be tolerated.

**Technical Support:**
Students should go to https://mypassword.pvamu.edu/ if they have password issues. The page will provide instructions for resetting passwords and contact information if login issues persist. For other technical questions regarding eCourses, call the Office of Distance Learning at 936-261-3283

**Communication Expectations and Standards:**
Emails or discussion postings will receive a response from the instructor, usually in less than 48 hours. Urgent emails should be marked as such. Check regularly for responses.

**Discussion Requirement:**
Online courses often require minimal to no face-to-face meetings. However, conversations about the readings, lectures, materials, and other aspects of the course can take place in a seminar fashion. This will be accomplish by the use of the discussion board. The exact use of discussion will be determined by the instructor.

It is strongly suggested that students type their discussion postings in a word processing application and save it to their PC or a removable drive before posting to the discussion board. This is important for two reasons: 1) If for some reason your discussion responses are lost in your online course, you will have another copy; 2) Grammatical errors can be greatly minimized by the use of the spell-and-grammar check functions in word processing applications. Once the post(s) have been typed and corrected in the word processing application, it should be copied and pasted to the discussion board.