

Navigation and Naval Operations II
Fall 2023

NSC 3214C
Monday and Wednesday
1250 - 1445
Room NSC 0102A (Classroom)
Tolbert Hall Basement (Simulator Room)

Instructor

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Office Location: 20 Van Fleet Hall
Office Hours: Appointment Only

Course Description

A continuation of navigation and naval operations. Relative motion theory and the use of a maneuvering board. An understanding of the force, techniques, and concepts associated with ship handling, including shipboard watch organization, communication systems, and environmental considerations. The role of leadership ethics is discussed while developing an understanding of the process of command and control, dealing specifically with information exchange, conflict resolution, and crisis decision-making.

Prereq: NSC 3214C.

Textbooks and Navigation Tools

- Marine Navigation Workbook, 4th Edition
- Marine Navigation, 4th Edition
- Navigation Rules And Regulations Handbook (W/ Notice Updates Through 2018)
- Strategy And Tactics, Ns300
- Watch Officers Guide, 16th Edition
- Seamanship: Fundamentals Of The Deck Officer
- Dividers/Compass (Ultralight) Set
- Nautical Slide Rule
- Parallel Plotter

All textbooks and tools are issued to students at the beginning of class and returned at the end of the semester.

Classroom Procedures and Policies

- **Attendance is mandatory.** If you have ONE unexcused absence, we will formally meet to discuss NROTC requirements and to resolve future possibilities of tardiness. If you have TWO unexcused absences, you will be dropped a complete letter grade and formally counseled. If another class runs late or an emergency comes up the day of class, you may text me and let me know that you will be late/absent. I will only accept these messages until five minutes before the start of class. State your name in the message or leave a voicemail if I do not answer.

Maintain professionalism in all correspondence. On project development and quiz days will be handled outside of class utilizing resources outside the classroom to prepare for the next weeks class.

- **Professionalism and participation** are required to succeed as a Naval Officer and to succeed in this class. I expect you to collaborate, engage in discussions, request help early, and help each other gain a firm understanding of the NROTC Core Competencies specific to this course.
- **Extension requests** will be granted on a case-by-case basis. In general, acceptable reasons for extension requests include serious illness or family emergencies.
- **Late Assignments** - Ten points will be deducted from the assignment for each day it is late. All assignments are due before class commencement. One second past 0825 is late.
- **Make-up quizzes and exams** will be determined on a case-by-case basis for legitimate reasons such as a serious family emergency or significant illness.
- **Assignment submissions** will be submitted either in person or through Canvas.
- **Cell phones and computers** - Laptop computers are permitted for notetaking in class. However, this privilege will be lost after the first occurrence of a student being caught using a laptop inappropriately (Facebook, browsing the internet, etc). Cell phones must be silent (vibration also turned off).
- **Eating and drinking** in class are allowed if it does not distract.

Communicate

Communicate early and often. Please come talk to me if you start to fall behind due to the overall course load or you do not understand the material in this course. Identifying problems early will allow us to strategize the way to success.

Grading Scale, Assessments, and Descriptions

Grading Scale	
A	93.50-100
A-	89.50-93.49
B+	86.50-89.49
B	83.50-86.49
B-	79.50-83.49
C+	76.50-79.49
C	73.50-76.49
C-	69.50-73.49
D+	66.50-69.49
D	64.50-66.49
E	0-64.49

- **I will not curve or round grades. A 93.49 is an A- and a 93.50 is an A. This is final.**

- Letter grades correspond to grade points as outlined in the UF policy found here:
<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Course Assessments	
Participation Status Email	10% 100pts (6 total at 16.6 pts)
Quizzes	50% 500pts (4 Quiz at 125 pts each)
Email Practical(s)	20% 200 pts (2 emails at 100pts)
Presentation	20% (200 pts)

Assessment Descriptions

Participation (10%) – These assignments will require full effort through discussion emails and inside the classroom. For all classes for “Project development days” will require a status email. Each student will email progress utilizing PESTO.

Quizzes (50%) – Quizzes will be given throughout the course to highlight major concepts, to check your understanding of the content, and to ensure consistent recall throughout the course.

Email Practical’s (20%) – Students will apply concepts and naval operations through email. These sessions will be conducted throughout the semester to demonstrate effective planning. Students MUST come prepared by knowing the concepts and requirements.

Presentation (20%) – This presentation will encompass major concepts listed in the course to demonstrate to the class.

Course Schedule			
Day	Month	Date	Topic
W	Aug	23	Syllabus Expectations
M	Aug	28	Lesson 2: Rules of the Road Review
W	Aug	30	Lesson 2: Rules of the Road Review
M	Sept	4	Labor Day (Federal/UFL Holiday). No class today.
W	Sept	6	(Quiz 1)**
M	Sept	11	Lesson 3: – CPA, Tracking and Intercept
W	Sept	13	Email Practical 1
M	Sept	18	Lesson 1: UNCLOS/FON/Maritime Strategy, Lesson 8: Visual Comms and Signals Lesson 9: External Comms/Radiotelephone

Syllabus is subject to change. Last updated: 01 AUG 2023

W	Sept	20	(Quiz 2)
M	Sept	25	Project Development (Project Status Email DUE)
W	Sept	27	Project Development (Project Status Email DUE)
M	Oct	2	Lesson 11: Watch standing Lesson 7: Celestial Navigation Review
W	Oct	4	Lesson 6: Shiphandling (Forces/Tugs/Equip) Familiarization
M	Oct	9	Columbus Day (Federal Holiday). No class today.
W	Oct	11	Lesson 12: Underway Replenishment /Anchoring / Man Overboard Standard Command Initial Assessment and Practice
M	Oct	16	Man Overboard Recovery /Underway Replenishment, Anchoring
W	Oct	18	(Quiz 3)**
M	Oct	23	Project Development (Project Status Email DUE)
W	Oct	25	Project Development (Project Status Email DUE)
M	Oct	30	Lesson 14: FITZGERALD/JSM Collision Case Study Lesson, Lesson 15: Naval Command and Control Lesson 16: NWDS Introduction
W	Nov	1	Lesson 17: NWDS – Surface/Air Warfare* Lesson 18: NWDS – Special Ops/Special Warfare/Undersea Warfare*
M	Nov	6	Lesson 19: NWDS – Cyber Warfare Lesson 20: NWDS – Amphib Warfare/Employment of Naval Forces
W	Nov	8	(Quiz 4)
M	Nov	13	Project Development (Project Status Email DUE)
W	Nov	15	Project Development (Project Status Email DUE)
M	Nov	20	Thanksgiving Break. No class today.
W	Nov	22	Thanksgiving Break. No class today.
M	Nov	27	Lesson 21: Intro to Operational and Administrative Chain of Command Lesson 22: Joint Organization and Warfare in the 21st Century
W	Nov	29	Group Presentations
M	Dec	4	Email Practical 2
W	Dec	6	Make-up Presentations

University of Florida Policies

Academic Honesty

UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.” The Honor Code specifies a number of behaviors that are in violation of this code and the possible sanctions. [Click here to read the Honor Code or visit: https://sccr.dso.ufl.edu/process/student-conduct-code/](https://sccr.dso.ufl.edu/process/student-conduct-code/). Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

Students with Disabilities

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the disability Resource Center. [Click here to get started with the Disability Resource Center or visit: https://disability.ufl.edu/get-started/](https://disability.ufl.edu/get-started/). It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

Discrimination (Title VII)

UF Regulation 1.006 expressly prohibits discrimination on the basis of: race, creed, color, religion, age, disability, sex, sexual orientation, gender identity and expression, marital status, national origin, political opinions or affiliations, genetic information and veteran status as protected under the Vietnam Era Veterans’ Readjustment Assistance Act.

Sexual Assault, Harassment, or Misconduct (Title IX)

The University of Florida is committed to providing a safe educational, working, and residential environment that is free from sexual harassment or misconduct directed towards any and all members of the community. To achieve this goal, no behavior of this nature will be tolerated and, if discovered, the procedure for investigation and potential adjudication, as outlined in this policy, will be followed. Similarly, retaliation against an individual who has filed a complaint regarding alleged sexual harassment or misconduct is also against University policy and may result in disciplinary action. Students, faculty, staff, contracted workers and visitors are urged to promptly report any such behavior to the Office of Title IX Compliance. Additional information may be found at <https://titleix.ufl.edu/full-sexualharassment-and-misconduct-policy/>

Course Evaluations

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.ua.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluer.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.ua.ufl.edu/public-results/>.

Campus Resources for Health and Wellness

- *U Matter, We Care*: If you or someone you know is in distress, please contact umatter@ufl.edu, 352-392-1575, or visit [U Matter, We Care website](#) to refer or report a concern and a team member will reach out to the student in distress.
- *Counseling and Wellness Center*: [Visit the Counseling and Wellness Center website](#) or call 352392-1575 for information on crisis services as well as non-crisis services.
- *Student Health Care Center*: Call 352-392-1161 for 24/7 information to help you find the care you need, or [visit the Student Health Care Center website](#).
- *University Police Department*: [Visit UF Police Department website](#) or call 352-392-1111 (or 91-1 for emergencies).
- *UF Health Shands Emergency Room / Trauma Center*: For immediate medical care call 352733-0111 or go to the emergency room at 1515 SW Archer Road. Gainesville, FL 32608; [Visit the UF Health Emergency Room and Trauma Center website](#).

• **Academic Resources**

- E-learning technical support: Contact the UF Computing Help Desk at 352-392-4357 or via email at <https://helpdesk.ufl.edu/>.
- Career Connections Center: Reitz Union suite 1300, 352-392-1601. Career assistance and counseling services: <https://career.ufl.edu/>.
- Library Support: <https://uflib.ufl.edu/> ask various ways to receive assistance with respect to using the libraries or finding resources.
- Teaching Center: Broward Hall, 352-392-2010 or to make an appointment 352392-6420. General study skills and tutoring: <https://teachingcenter.ufl.edu/>.
- Writing Studio: 2215 Turlington Hall, 352-846-1138. Help brainstorming, formatting, and writing papers: <https://writing.ufl.edu/writing-studio/>.
- Student Complaints On-Campus: <https://registrar.ufl.edu/complaint.html>
- On-Line Students Complaints: <https://distance.ufl.edu/getting-help/student-complaintprocess/#:~:text=If%20an%20issue%20cannot%20be,%40dce.ufl.edu>.
- Course materials will be provided to you with an excused absence, and you will be given a reasonable amount of time to make up work. [Find more information in the university attendance policies](#).

Online Class Privacy

Our class sessions may be audio visually recorded for students in the class to refer back and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

Santa Fe College Policies

College Academic Integrity

The very nature of higher education requires that students adhere to accepted standards of academic integrity. Therefore, SF has adopted a Code of Student Conduct that outlines general guidelines. Students are encouraged to discuss issues related to academic integrity with instructors. For more information go to http://dept.sfcollege.edu/rules/content/media/PDF/Rule_7/7_23.pdf The following statement may be used:

It is YOUR responsibility to read and abide by the SF Code of Student Conduct that outlines general guidelines pertaining to academic integrity. This can be found at the following site:

http://dept.sfcollege.edu/rules/content/media/PDF/Rule_7/7_23.pdf

Americans with Disabilities Act (ADA)

If you are a student with a disability: In compliance with Santa Fe College policy and equal access laws, I am available to discuss appropriate academic accommodations that you may require as a student with a disability. Requests for academic accommodations need to be made during the first week of the semester (except for unusual circumstances) so arrangements can be made. You must be registered with Disabilities Resource Center (DRC) in S-229 for disability verification and determination of reasonable academic accommodations. For more information, see

http://www.sfcollege.edu/student/drc/index.php?section=faculty_resources/rights_responsibilities

Discrimination/Harassment Policy

SF prohibits any form of discrimination or sexual harassment among students, faculty and staff. For further information, refer to College Rule 2.8 at

http://dept.sfcollege.edu/rules/content/media/PDF/Rule_2/2_8.pdf

Student Rights & Responsibilities

The purpose of this document is to provide students with a general overview of both their rights and responsibilities as members of the Santa Fe College community. For a complete list of students' rights and responsibilities go to

http://www.sfcollege.edu/studentaffairs/index.php?section=policies/student_rights

Santa Fe College Counseling Center

Santa Fe College recognizes that there may be times, as a college student, when personal stressors interfere with your academic performance and your daily life. The Santa Fe Counseling Center supports students by addressing mental and emotional well-being, and provides FREE and confidential short-term individual, couples, and group counseling, crisis intervention, outreach and referral services. To schedule an appointment, call 352-395-5508 or email counseling@sfcollege.edu with your SFID# and a telephone number where you can be reached. Our Counseling Center is located in Building R, Room 227 on the Northwest Campus. Visit <http://www.sfcollege.edu/counseling> to learn more about services and resources.