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Required Books:

Howarth, Stephen. *To Shining Sea: A History of the United States Navy, 1775-1998*
Hughes, Wayne P., & Girrier, Robert P. *Fleet Tactics and Naval Operations*, 3rd ed.
Symonds, Craig. *The Naval Institute Historical Atlas of the U.S. Navy*
Mahan, Alfred Thayer. *The Influence of Sea Power upon History, 1660-1783* [instructor-provided pdf]
Mahan, Alfred Thayer. *Naval Strategy* [instructor-provided pdf]
Corbett, Julian Stafford. *Some Principles of Maritime Strategy* [instructor-provided pdf]

Purpose of this Course:

The sea has played two principal roles in the evolution of the United States as a nation. Much of the time these roles have been played out simultaneously. The first role is that of a barrier, working to prevent large-scale invasion from without. The second role is that of a highway, connecting America to the rest of the world for the purposes of trade and power projection. It has been the job of the United States Navy since the late eighteenth century to provide support for both of these roles: strengthening the barrier and maintaining American access to the highway. This course introduces the student to the fundamentals of seamanship, naval tactics, and maritime strategy and then applies these concepts to a study of the origins and development of the United States Navy and the United States Marine Corps. It is hoped that the student will gain thereby a greater appreciation of both the sea and of those who go down to her in ships.

Teaching Philosophy:

My job as an instructor is to provide the student with opportunities to learn and to provide guidance as to how best to take advantage of those opportunities. Learning should be an adventure, and I hope to be able to communicate my love of learning and of history to my students. That being said, it is the responsibility of the student to stay engaged with the material that has been laid out for study. We can, together, make this an interesting and productive semester.

Technical Requirements & Skills:

Minimum Technology Requirements

- Computer
- Reliable internet access
- Microsoft Office Suite
- [Canvas Technical Requirements \(https://clear.unt.edu/supported-technologies/canvas/requirements\)](https://clear.unt.edu/supported-technologies/canvas/requirements)

Computer Skills & Digital Literacy

- Using Canvas
- Using email with attachments

Course Requirements and Grading Policies:

Students will take three (3) major exams and a final. In addition, they will write a 12-page paper. Each will be graded on a strict 100-point scale. The final will not be comprehensive.

Graduate Students:

Graduate students taking this class will meet with the instructor to discuss additional requirements.

The grades will be assigned as follows:

A = 90 - 100 points
 B = 80 - 89 points
 C = 70 - 79 points
 D = 60 - 69 points
 F = 59 and below

Tentative Calendar (Subject to Change)

The major exam and paper schedule is as follows:

Test 1 (20%)	Friday, 17 September
Test 2 (20%)	Wednesday, 13 October
Test 3 (20%)	Monday, 8 November
Paper Due (20%)	Monday, 8 November
Final (20%)	Wednesday, 8 December (10:30 am – 12:30 p.m)

Lectures:

Lecture 1 – Explanation of Syllabus and Introduction to Naval History
 Lecture 2 – The Fundamentals of Seamanship and Naval Tactics
 Lecture 3 – The Fundamentals of Maritime Strategy: Land vs. Sea Warfare
 Lecture 4 – Origins of the U.S. Navy – 1811
 Lecture 5 – War of 1812 – 1860
 Lecture 6 – Civil War
 Lecture 7 – 1865 – 1919
 Lecture 8 – History and Development of the United States Marine Corps: 1775 - 1943
 Lecture 9 – 1920 – 1941
 Lecture 10 – World War II: The Atlantic and Mediterranean
 Lecture 11 – WW II: Origins of the Pacific War – The Neutralization of Rabaul
 Lecture 12 – WW II: The Central Pacific Campaign
 Lecture 13 – WW II: The Southwest Pacific, Okinawa, and The Defeat of Japan
 Lecture 14 – Cold War Overview (including Korea)
 Lecture 15 – Vietnam
 Lecture 16 – 1973 – 2014

Readings Schedule:

Lecture 1	no readings
Lecture 2	Hughes & Girrier, pp. 1-75
Lecture 3	Hughes & Girrier, pp. 163-247
Lecture 4	Howarth, Book 1, chapters 1-8
Lecture 5	Howarth, Book 1, chapters 9-14
Lecture 6	Howarth, Book 1, chapters 15-17
Lecture 7	Howarth, Book 1, chapter 18 – Book 2, chapter 6
Lecture 8	no readings
Lecture 9	Howarth, Book 2, chapters 7-10
Lecture 10	Howarth, Book 2, chapters 11-17; Hughes & Girrier, pp. 76-122
Lecture 11	Howarth [same]; Hughes & Girrier [same]
Lecture 12	Howarth [same]; Hughes & Girrier [same]
Lecture 13	Howarth [same]; Hughes & Girrier [same]
Lecture 14	Howarth, Book 2, chapters 18-20; Hughes & Girrier, pp. 123-162
Lecture 15	Howarth, Book 2, chapter 21
Lecture 16	Howarth, Book 2, chapters 22-25; Hughes & Girrier, pp. 248-332

The instructor reserves the right to make determinations concerning the granting of extra credit.

Course Evaluation:

Student Perceptions of Teaching (SPOT) is the student evaluation system for UNT and allows students the ability to confidentially provide constructive feedback to their instructor and department to improve the quality of student experiences in the course. SPOT evaluations will be open 15 November – 2 December during this Fall 2021 semester.

Structure of Exams:

A review for each of these major exams will be given out two (2) weeks prior to the date on which each exam will be given. Four (4) of the questions on the review will be chosen by the instructor to include in the exam upon which the review is based. The chosen questions will be divided into two (2) pairs. The instructor will determine the pairings. Each student must select one question from each of the two pairs of questions for a total of two essays. Students are expected to use the list of possible essay questions on each review as a study guide for the particular test for which that review has been prepared.

Papers:

The body of the paper will be twelve (12) pages in length.

Papers will be double-spaced with margins (left, right, top, and bottom) of one inch.

Students will use 12-point Times Roman typeface.

Students will cite sources using the style described in Turabian/Chicago Manual handout.

Failure to use the specified style will result in a deduction of points.

A grading rubric will be supplied to students shortly after the beginning of the semester.

Wikipedia is not acceptable as a source.

Students must turn in a draft of their complete paper by Monday, 11 October, 2021. This will allow the instructor time in which to give students feedback as to the adequacy and competency of their efforts. Students will upload an electronic copy of the final version of their paper to this course's CANVAS site and will hand in a paper copy to the instructor, both by the date indicated above (Monday, 8 November, 2021).

This paper, for all undergraduate students, will be a comparison and contrast of the books by Mahan and Corbett that are assigned for this course. This is not a book report in which student retells the historical examples provided by the authors. Rather, students will compare and contrast the naval philosophies espoused by these two naval historians/strategists.

Punctuality and attendance:

Students are expected to be on time for all class meetings and examinations. Attendance will be taken at each class meeting. Attendance will be used, at the instructor's discretion, to determine whether or not the student receives the instructor's "benefit of the doubt" when grades are assigned at the end of the semester. Students with better than 80% attendance will have their final grade bumped up to the next higher letter grade, at the instructor's discretion, if their final average comes within 2 points of that next higher letter grade.

It is important that you communicate with the professor and the instructional team prior to being absent, so you, the professor, and the instructional team can discuss and mitigate the impact of the absence on your attainment of course learning goals. Please inform the professor and instructional team if you are unable to attend class meetings because you are ill, in mindfulness of the health and safety of everyone in our community.

If you are experiencing any [symptoms of COVID-19](https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html) (<https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>) please seek medical attention from the Student Health and Wellness Center (940-565-2333 or askSHWC@unt.edu) or your health care provider PRIOR to coming to campus. UNT also requires you to contact the UNT COVID Team at COVID@unt.edu for guidance on actions to take due to symptoms, pending or positive test results, or potential exposure.

Office Hours:

MW 1-4 pm in Wooten Hall Rm 228.

Contacting Your Instructor:

It is best to contact your instructor via email. I am not in my office outside of office hours very often, but I check my email regularly. I will get back with you as soon as possible. Also, communication via email ensures that there is a written record of the information passed between student and instructor.

Office hours are provided so that students can meet with the instructor when there is an issue that needs to be addressed. If the student is concerned about his or her grade in the course, please see the instructor as soon as possible so that the issue can be addressed while there is still time. Please, do not wait until it is too late to do something about a problem or to address a concern before meeting with the instructor.

Communicating via Email:

- Check the syllabus before asking a question about the course and let the instructor know you checked the syllabus before asking. Instructors put a lot of time into making syllabi as comprehensive as possible for students.
- Use a descriptive subject line to get the instructor's attention. Instructors receive a lot of emails and a descriptive subject line helps them identify student inquiries more efficiently.
- Be concise and to the point.

General Communication Guidelines:

- Remember that college communication is still professional communication. Use correct spelling and grammar and always double-check your response before hitting send or reply. Do not use slang and limit the use of emoticons.
- Use standard, readable fonts, sizes, and colors and avoid writing in all caps.
- Use your instructor's title of "Dr." or "Professor," or if you don't know use "Mr." or "Ms." Do not use "Mrs." to address female instructors unless told otherwise by said instructor.
- Be mindful of tone in online communication as it lacks the nonverbal cues of face-to-face communication that provide clarity and context to conversations.
- Respect the personal identities of others based on gender, sexuality, race, ethnicity, class, and/or culture.
- Respect the privacy of yourself, your instructor, and your peers. Keep in mind what you reveal and do not reveal, particularly if this information involves personal health and/or classroom performance, such as grades.
- Give people the benefit of the doubt. Though there may be a computer between you, there are people on the other side of the screen.
- Do not make assumptions about others' technological skills. Technological skills vary across a variety of factors, including experience, age, culture, etc.

Getting Help:

Technical Assistance

Part of working in the online environment involves dealing with the inconveniences and frustration that can arise when technology breaks down or does not perform as expected. Here at UNT we have a Student Help Desk that you can contact for help with Canvas or other technology issues.

UIT Help Desk: [UIT Student Help Desk site](http://www.unt.edu/helpdesk/index.htm) (<http://www.unt.edu/helpdesk/index.htm>)

Email: helpdesk@unt.edu

Phone: 940-565-2324

In Person: Sage Hall, Room 130

Walk-In Availability: 8am-9pm

Telephone Availability:

- Sunday: noon-midnight
- Monday-Thursday: 8am-midnight
- Friday: 8am-8pm
- Saturday: 9am-5pm

Laptop Checkout: 8am-7pm

For additional support, visit [Canvas Technical Help](https://community.canvaslms.com/docs/DOC-10554-4212710328) (<https://community.canvaslms.com/docs/DOC-10554-4212710328>)

Student Support Services

UNT provides mental health resources to students to help ensure there are numerous outlets to turn to that wholeheartedly care for and are there for students in need, regardless of the nature of an issue or its severity. Listed below are several resources on campus that can support your academic success and mental well-being:

- [Student Health and Wellness Center](https://studentaffairs.unt.edu/student-health-and-wellness-center) (https://studentaffairs.unt.edu/student-health-and-wellness-center)
- [Counseling and Testing Services](https://studentaffairs.unt.edu/counseling-and-testing-services) (https://studentaffairs.unt.edu/counseling-and-testing-services)
- [UNT Care Team](https://studentaffairs.unt.edu/care) (https://studentaffairs.unt.edu/care)
- [UNT Psychiatric Services](https://studentaffairs.unt.edu/student-health-and-wellness-center/services/psychiatry) (https://studentaffairs.unt.edu/student-health-and-wellness-center/services/psychiatry)
- [Individual Counseling](https://studentaffairs.unt.edu/counseling-and-testing-services/services/individual-counseling) (https://studentaffairs.unt.edu/counseling-and-testing-services/services/individual-counseling)

Other student support services offered by UNT include

- [Registrar](https://registrar.unt.edu/registration) (https://registrar.unt.edu/registration)
- [Financial Aid](https://financialaid.unt.edu/) (https://financialaid.unt.edu/)
- [Student Legal Services](https://studentaffairs.unt.edu/student-legal-services) (https://studentaffairs.unt.edu/student-legal-services)
- [Career Center](https://studentaffairs.unt.edu/career-center) (https://studentaffairs.unt.edu/career-center)
- [Multicultural Center](https://edo.unt.edu/multicultural-center) (https://edo.unt.edu/multicultural-center)
- [Counseling and Testing Services](https://studentaffairs.unt.edu/counseling-and-testing-services) (https://studentaffairs.unt.edu/counseling-and-testing-services)
- [Pride Alliance](https://edo.unt.edu/pridealliance) (https://edo.unt.edu/pridealliance)
- [UNT Food Pantry](https://deanofstudents.unt.edu/resources/food-pantry) (https://deanofstudents.unt.edu/resources/food-pantry)

Academic Support Services

- [Academic Resource Center](https://clear.unt.edu/canvas/student-resources) (https://clear.unt.edu/canvas/student-resources)
- [Academic Success Center](https://success.unt.edu/asc) (https://success.unt.edu/asc)
- [UNT Libraries](https://library.unt.edu/) (https://library.unt.edu/)
- [Writing Lab](http://writingcenter.unt.edu/) (http://writingcenter.unt.edu/)
- [MathLab](https://math.unt.edu/mathlab) (https://math.unt.edu/mathlab)

Information Concerning Grades:

FERPA rules require that information concerning grades be communicated to the person who has a legal right to see and know that information. This means that I will not communicate information concerning a student's grades via email or telephone. The instructor and student must meet face-to-face.

Handout and Test Return Policy:

Those students missing class when instructional items and graded tests are distributed can pick up missed materials and graded tests during office hours.

Class Notes:

Special circumstances excepted, the instructor will not furnish class notes or copies of the presentations to students. If you miss a lecture, get the notes from one of your fellow students in the class.

Cell Phones:

Cell phones should be turned off or on vibrate.

During tests, cell phones and all other electronic devices must be put away so that they are not visible to the student. No text messaging allowed. Sending or receiving text messages during an exam will be considered prima facie evidence of cheating and will be handled accordingly.

Use of Computers in Class:

Students may use computers to take notes in class. However....

While the instructor understands the popularity and convenience of laptops for this purpose, he also knows that far too often students use their computers to play games and surf the Internet. The misuse of a computer during class in this manner not only harms the student engaged in the activity, but it also is a distraction to others around the student who might actually be in class for the purpose of taking notes in preparation for the tests. To protect

the studios, students who misuse their computers in this way will, when caught, be told to shut off their computer.

Make-up Policy for Major Exams:

A student missing the First, Second, or Third Exam must make up that exam within a week. This means, for instance, that if the exam is given on a Monday, then, if missed, it must be made up by the beginning of class on the following Monday. A make-up exam will be placed in the History Help Center for students who meet with the instructor and arrange to take the make-up. Make-up exams will not be automatically placed in the Help Center. It is the student's responsibility to make sure that a missed exam is made up within the specified one-week period. Unless other arrangements are made with the instructor, all students who do not make up a test within the one-week make-up period will receive a "0" ["zero"] for that exam. The make-up is one question chosen from the possible essay questions on the review. The student will write an essay in answer to that question for a total of 100 pts.

Face Coverings:

UNT encourages everyone to wear a face covering when indoors, regardless of vaccination status, to protect yourself and others from COVID infection, as recommended by current CDC guidelines. Face covering guidelines could change based on community health conditions.

History Help Center:

Located in Wooten Hall, Room 220, the History Help Center provides assistance to students enrolled in history courses at UNT.

Syllabus Change Policy:

The instructor reserves the right to make changes in the syllabus if necessary. Any changes that are necessary will be communicated to students via an Announcement and via the students' official UNT email account.

UNT Policies:

Academic Integrity Policy

Academic Integrity Standards and Consequences. According to UNT Policy 06.003, Student Academic Integrity, academic dishonesty occurs when students engage in behaviors including, but not limited to cheating, fabrication, facilitating academic dishonesty, forgery, plagiarism, and sabotage. A finding of academic dishonesty may result in a range of academic penalties or sanctions ranging from admonition to expulsion from the University. [Insert specific sanction or academic penalty for specific academic integrity violation.]

ADA Policy

UNT makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide a student with an accommodation letter to be delivered to faculty to begin a private discussion regarding one's specific course needs. Students may request accommodations at any time, however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the ODA website (<https://disability.unt.edu/>).

Emergency Notification & Procedures

UNT uses a system called Eagle Alert to quickly notify students with critical information in the event of an emergency (i.e., severe weather, campus closing, and health and public safety emergencies like chemical spills, fires, or violence). In the event of a university closure, please refer to Blackboard for contingency plans for covering course materials.

Retention of Student Records

Student records pertaining to this course are maintained in a secure location by the instructor of record. All records such as exams, answer sheets (with keys), and written papers submitted during the duration of the course are kept for at least one calendar year after course completion. Course work completed via the Blackboard online system, including grading information and comments, is also stored in a safe electronic environment for one year. Students have the right to view their individual record; however, information about student's records will not be divulged to other individuals without proper written consent. Students are encouraged to review the Public Information Policy and the Family Educational Rights and Privacy Act (FERPA) laws and the University's policy. See UNT Policy 10.10, Records Management and Retention for additional information.

Acceptable Student Behavior

Student behavior that interferes with an instructor's ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to the Dean of Students to consider whether the student's conduct violated the Code of Student Conduct. The University's expectations for student conduct apply to all instructional forums, including University and electronic classroom, labs, discussion groups, field trips, etc. Visit UNT's Code of Student Conduct (<https://deanofstudents.unt.edu/conduct>) to learn more.

Access to Information - Eagle Connect

Students' access point for business and academic services at UNT is located at: my.unt.edu. All official communication from the University will be delivered to a student's Eagle Connect account. For more information, please visit the website that explains Eagle Connect and how to forward e-mail Eagle Connect (<https://it.unt.edu/eagleconnect>).

Student Evaluation Administration Dates

Student feedback is important and an essential part of participation in this course. The student evaluation of instruction is a requirement for all organized classes at UNT. The survey will be made available 15 November – 2 December 2021 to provide students with an opportunity to evaluate how this course is taught. Students will receive an email from "UNT SPOT Course Evaluations via IASystem Notification" (no-reply@iasystem.org) with the survey link. Students should look for the email in their UNT email inbox. Simply click on the link and complete the survey. Once students complete the survey they will receive a confirmation email that the survey has been submitted. For additional information, please visit the SPOT website (<http://spot.unt.edu/>) or email spot@unt.edu.

Sexual Assault Prevention

UNT is committed to providing a safe learning environment free of all forms of sexual misconduct, including sexual harassment sexual assault, domestic violence, dating violence, and stalking. Federal laws (Title IX and the Violence Against Women Act) and UNT policies prohibit discrimination on the basis of sex, and therefore prohibit sexual misconduct. If you or someone you know is experiencing sexual harassment, relationship violence, stalking, and/or sexual assault, there are campus resources available to provide support and assistance. UNT's Survivor Advocates can assist a student who has been impacted by violence by filing protective orders, completing crime victim's compensation applications, contacting professors for absences related to an assault, working with housing to facilitate a room change where appropriate, and connecting students to other resources available both on and off campus. The Survivor Advocates can be reached at SurvivorAdvocate@unt.edu or by calling the Dean of Students Office at 940-565- 2648. Additionally, alleged sexual misconduct can be non-confidentially reported to the Title IX Coordinator at oeo@unt.edu or at (940) 565 2759.

Nautical / Naval Terms

1. Aback – a term applied to a vessel whose yards are so trimmed that the wind is on their forward side and tending to drive her astern
2. Abaft – towards the stern of a ship, relative to some other object or position.
3. Aboard – on or in a vessel. Close aboard is to be in close proximity to a ship or obstruction.
4. About – across the wind in relation to the bow of a sailing vessel.
5. Adrift – a term denoting floating at random, as of a boat or ship broken away from its moorings and at the mercy of winds and waves.
6. Afloat – the condition of resting buoyantly upon the water, the upward pressure being equal to that of gravity.
7. Aft – at or near the stern or after part of a ship (opposite of fore).
8. Astern – behind a vessel.
9. Athwart – something which is directly across the line of a ship's course.
10. Awash – the condition when the seas wash over a wreck or shoal, or when a vessel is so low that water is constantly washing aboard in quantities.
11. Away – an order to shove off or to lower a boat or draft of cargo.
12. Aweather – towards the direction of the wind; to windward.
13. Aweigh – the situation of the anchor at the moment it is broken out of the ground. When this situation occurs, the ship is no longer secured to the ground and will drift unless under sail or power.
14. Ballast – additional weight carried in a ship to give it stability and/or to provide a satisfactory trim.
15. Batten Down – to secure the openings in the decks and sides of a vessel when heavy weather is forecast.
16. Beam – the transverse measurement of a ship at its widest part. It is also a term used in indicating direction in relation to a ship.
17. Bearing – the direction or point of the compass in which an object is seen, or the direction of one object from another, with reference to (1) the nearest cardinal point of the compass, or (2) true north, measuring clockwise.
18. Beating – working to windward by successive tacks.
19. Becalm – to blanket a sail or vessel by intercepting the wind with other sails or with another vessel. A vessel unable to make progress through the lack of wind is *becalmed*.
20. Bend, to – to secure a sail to a yard or other spar. Also, to shackle the chain to the anchor.

21. Binnacle – a wooden box or non-magnetic metallic container for the compass.
22. Boatswain – (pron. *bō'sun*) in the U.S. Navy, a warrant officer whose major duties are related to deck and boat seamanship.
23. Boatswain's Mate – in the U.S. Navy, a petty officer who supervises the deck force in seamanship duties.
24. Bollards – two vertical heads of iron or wood to which mooring lines are made fast.
25. Boom Out a Sail, to – to extend a corner of a sail with a spar.
26. Bow – the foremost end of a ship.
27. Bowditch, Nathaniel (1773-1838) – the author of the *American Practical Navigator*, the great American epitome of navigation, known popularly among seafarers as *Bowditch*. It is published by the U.S. Naval Oceanographic Office.
28. Bowline – (pron. *bō'lin*) the line leading forward from the bow chock when a vessel is tied up to a wharf.
29. Bowsprit – (pron. *bō'sprit*) a large spar projecting from the stem of sailing vessels.
30. Boxing the Compass – to name the points (and quarter points) of the compass from north through south to north and return backwards and to be able to answer any question respecting it divisions.
31. Break – a sudden rise or drop in a vessel's deck line.
32. Bridge – an elevated athwartship platform from which a vessel is navigated and all activities on deck are in plain view.
33. Bring To, to – to heave a vessel to the wind.
34. Broadside – the full weight of metal which can be fired simultaneously from all the guns on one side of a warship.
35. Bulkhead – a vertical partition dividing the hull into separate compartments.
36. Bulwark – the planking or woodwork, or steel plating in the case of steel ships, along the sides of a ship above its upper deck to prevent seas washing over the gunwales.
37. By the Head – when a vessel is deeper than her normal draft forward.
38. By the Lee – the situation when a square-rigged vessel running free on one tack is thrown off by a sea or bad steering sufficiently to bring her sails aback on the other tack.
39. By the Stern – when a vessel is deeper than her normal draft at the stern, out of trim by an excess of weight aft.
40. By the Wind – sailing close-hauled.
41. Capstan – a cylindrical barrel fitted in larger ships on the forecastle deck and used for heavy lifting work, particularly when working anchors and cables.

42. Careen – to list; a vessel is hove down by careening her, when in a light trim, by use of tackles to a dock or trees on a river bank for the purpose of cleaning her bottom.
43. Cat o’Nine Tails – an implement of punishment in the old navy. It consisted of nine cords each with three knots, all lashed to a short heavy piece of rope. To be so punished was to be *introduced to the gunner’s daughter*.
44. Celo-navigation – the science of finding a ship’s position by means of observations of heavenly bodies and the mathematical calculation attending them.
45. Close-hauled – the condition of sailing when a vessel sails as close to the wind as possible with her sails full and drawing.
46. Come To, to – to turn toward the wind.
47. Coxswain – (pron. *coxs ’n*) the helmsman of a ship’s boat and the senior member of its crew who has permanent charge of it.
48. Davits – small cranes from which a ship’s boats are slung.
49. Dismasted – to lose a mast.
50. Draft – the depth of water a ship draws.
51. Ensign – the flag carried by a ship as insignia of her nationality, usually hoisted on a staff over the railing about her stern.
52. Fall Off, to – to deviate from the course to which the head of a ship was previously directed.
53. Fathom – a nautical measure equal to six feet.
54. Flag Officer – naval officer above rank of captain. So called because the officer is authorized to fly a personal flag.
55. Flagstaff – a pole on which a flag is hoisted and displayed.
56. Forecastle – (pron. *fō ’c ’sul*) forward section of weather deck.
57. Freeboard – the distance, measured at the center of the ship, from the waterline to the uppermost complete deck that has permanent means of closing all openings in its weather portions.
58. Gaff – a spar that stands or hoists on the after side of the mast and supports the head of the sail.
59. Gunwale – (pron. *gunnūl*) the upper edge of a vessel’s or boat’s side.
60. Halliards – the ropes, wires, or tackles used to hoist or lower sails.
61. Hatch – an opening in a ship’s deck affording access into the compartment below.
62. Haul, to – to pull (nothing is ever “pulled” aboard ship)
63. Haul the Wind, to – to bring a sailing vessel nearer to the wind after she has been running before the wind.

64. Head – toilet facilities.
65. Heave To, to – to operate a sailing ship or powered vessel in such a way as to make no headway (the vessel remains relatively stationary). [syn. “to lie to”]
66. Heel, to – to lean over to one side, though not permanently.
67. Helm – the steering mechanism of a ship.
68. Hull – the body of a vessel exclusive of masts, yards, sails, rigging, machinery, and equipment.
69. Hull-down – a ship so far distant that only its masts, and/or sails, funnels, etc., are visible above the horizon.
70. Hull a Ship, to – to penetrate a vessel’s hull with shot.
71. Inboard – towards midships.
72. Jackstaff – flagpole at the bow from which the union jack is flown when a ship is not under way.
73. Keel – the main center-line structural member, running fore and aft along the bottom of a ship.
74. Keel-haul – a punishment in which a man was hauled down one side of a vessel under the keel and up the other side.
75. Knot – a measure of speed, not distance, in nautical miles per hour (equivalent to app. 1.1508 statute miles per hour)
76. Larboard – left (now referred to as “port”) side of a ship when looking forward.
77. Larboard (or Port) Tack – the situation of a sailing vessel with her sails trimmed for a wind which comes over her larboard (or port) side.
78. Lee – the side of a ship, promontory, or other object away from the wind.
79. Leeward, to – (pron. *loo’ard*) being situated, or having a direction, away from the wind.
80. List – the inclining of a ship to one side or the other due usually to a shift in the cargo or the flooding of some part of the hull. It is a longer-term situation than a heel.
81. Magazine – compartment aboard ship or ashore fitted for the stowage of ammunition.
82. On the Beam – the direction at right angles to a ship’s heading or line of her keel.
83. Outboard – away from a vessel; away from the center fore and aft line.
84. Overhaul – to overtake another vessel.
85. Patent Log (also, Taffrail Log) – a mechanical device used for the purpose of measuring the distance a vessel has sailed.
86. Plimsoll Mark – a figure marked on the sides of cargo carriers indicating the depth to which the vessel can be loaded under given weather and water conditions.

87. Poop – the raised deck and after structure at the stern of a vessel.
88. Press of Sail – said of a vessel which carries an extraordinary spread of canvas for some special purpose such as to avoid stranding, to escape an enemy, etc....
89. Purchase – general term for any mechanical arrangement of blocks and line for multiplying force.
90. Quarterdeck – ceremonial area of the main deck. In sailing vessels, it is abaft the mainmast. It was from the quarterdeck that the captain or master commanded a sailing vessel.
91. Rake, to – to maneuver a warship so that it can fire down the length of an adversary.
92. Rigging – all the rope, chain, metalwork, and associated fittings used to support and operate the masts, spars, flags, sails, booms, and derricks of sailing vessels, and the masts, booms, and derricks of powered vessels.
93. Rudder – a flat vertical surface astern by which a ship or boat may be steered.
94. Scuppers – draining holes cut through the bulwarks to allow any water on deck to drain away down the ship's side.
95. Sheave – (pron. *shĭv*) the revolving wheel (or pulley) in a block.
96. Shoal – a patch of water in the sea with a depth less than that of the surrounding water.
97. Spanker – the fore and aft sail set from the after mast of a sailing vessel.
98. Spars – a term applied to all masts, yards, gaffs, booms, etc.
99. Starboard – right side of a ship when looking forward.
100. Starboard Tack – the situation of a sailing vessel with her sails trimmed for wind which comes over her starboard side.
101. Steerage Way – to have sufficient headway for the rudder to grip the water so that a vessel will answer to her helm.
102. Stem – the foremost timber or steel member forming the bow of a vessel.
103. Stern – the after end of a vessel.
104. Strake – line of planks or plates running the length of a vessel.
105. Superstructure – all construction above the main deck of a ship.
106. Tack, to – the operation of bringing a sailing vessel's head to wind and across it so as to bring the wind on the opposite side of the vessel.
107. Tackle – (pron. *tākle*) name used for a purchase after a line has been rove through the sheaves and the standing part has been made fast to one of the blocks. Essentially synonymous with "purchase" in everyday usage.
108. Taffrail – the upper part of a ship's stern.

109. Tiller – lever that turns the rudder on a boat. Synonymous with “helm” in a larger vessel.
110. Van – the forward part or group of a formation of ships.
111. Waterline – the line indicated along the side of a vessel by the plane of the surface of the water.
112. Weather – towards the point from which the wind blows.
113. Weather Deck – an uncovered deck exposed to the weather.
114. Weather Gage – the advantage of the wind. It refers to the position of a ship under sail when she is windward of another ship.
115. Weigh – to raise or lift the anchor.
116. Windward, to – in the direction from which the wind blows.
117. Yards – long, nearly cylindrical spars, tapering toward the ends, used for supporting and extending sails.

Compass points

#	Compass point	Abbr.	Traditional wind point	True heading
1	<u>North</u>	N	Tramontana	0.00° or 360.00°
2	North by east	NbE		11.25°
3	North-northeast	NNE		22.50°
4	Northeast by north	NEbN		33.75°
5	<u>Northeast</u>	NE	Greco or Bora	45.00°
6	Northeast by east	NEbE		56.25°
7	East-northeast	ENE		67.50°
8	East by north	EbN		78.75°
9	<u>East</u>	E	Levante	90.00°
10	East by south	EbS		101.25°
11	East-southeast	ESE		112.50°
12	Southeast by east	SEbE		123.75°
13	<u>Southeast</u>	SE	Sirocco	135.00°
14	Southeast by south	SEbS		146.25°
15	South-southeast	SSE		157.50°
16	South by east	SbE		168.75°
17	<u>South</u>	S	Ostro	180.00°
18	South by west	SbW		191.25°
19	South-southwest	SSW		202.50°
20	Southwest by south	SWbS		213.75°
21	<u>Southwest</u>	SW	Libeccio	225.00°
22	Southwest by west	SWbW		236.25°
23	West-southwest	WSW		247.50°
24	West by south	WbS		258.75°
25	<u>West</u>	W	Poniente or Zephyrus	270.00°
26	West by north	WbN		281.25°
27	West-northwest	WNW		292.50°
28	Northwest by west	NWbW		303.75°
29	<u>Northwest</u>	NW	Mistral	315.00°
30	Northwest by north	NWbN		326.25°
31	North-northwest	NNW		337.50°
32	North by west	NbW		348.75°



