



Semester:
Instructor:
E-mail:
Office location:
Office hours:

Spring 2022
Lareen Smith, M.Sc.
lsmith@smccme.edu
Marine Science 107
**TBA and By Appointment*

2 Fort Road, South Portland, Maine 04106

Title: Elements of Oceanography with Lab
Credit hours: 4

Course number and section: OCEA 105 (11)
Contact hours: 75

Course Syllabus

Course Description

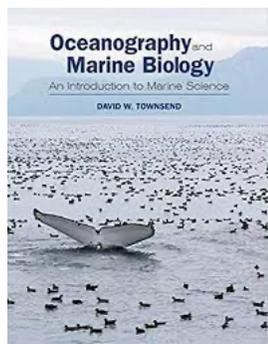
(From the 2021-2022 college catalog) This introductory science course is designed to give students an overview of marine processes and phenomena as a foundation for further learning about the oceans. Many measurable oceanographic parameters are defined and described. Major topics are supported by appropriate laboratory activities.

This course includes the basic disciplinary elements of Oceanography and how they relate to life in the sea.

- **GEOLOGICAL:** The study of the ocean bottom and processes active there.
- **CHEMICAL:** The study of ocean water and the multitude of active organic and inorganic reactions.
- **PHYSICAL:** The study of ocean water in motion at the surface and subsurface levels.
- **BIOLOGICAL - ENVIRONMENTAL:** Life in the ocean and its relationship to environmental interfaces.

Prerequisite(s): ENGL-050 or ENGL-090 and ENGL-075 or ENGL-095 Corequisite(s): MATH-030

Textbook:



Text: Oceanography and Marine Biology, 2018 Oxford University Press.

Author: David W. Townsend

ISBN: 978-0-87893-602-1

Other Required Reading:

Selected published scientific journal articles throughout the semester. References will be provided when the papers become relevant to the lecture material.

Recommended (Not required) Equipment and Supplies:

For our labs at the shore, I highly recommend a pair of mud boots (rain boots) since we will be walking along the shoreline and into the intertidal where you may encounter seawater, mud, sand, rocks or grass.

Course objectives:

After successfully completing the course, the student will be able to:

1. Describe a brief history of human interactions between the ocean and marine science;
2. Apply scientific method as a problem-solving tool;
3. Explain the scientific origins of the Universe, Earth, and life on Earth;
4. Describe the tectonic processes that have created the ocean basins, plus the physical and chemical processes of the water filling these basins;
5. Explain the basic physical oceanography associated with currents, waves and tides, plus their combined effect on the shore and coastal waters;
6. Characterize the diversity of life forms inhabiting ocean waters and the ocean floor;
7. Explain the ecological interrelationships between abiotic and biotic factors;
8. Demonstrate an understanding of the effect human activity has rendered on oceans.

Learning outcomes for science courses at SMCC:

SMCC students recognize the methodology and content of science and its relevance. SMCC students:

1. Apply scientific methodology to the study of the natural world.
2. Participate in hands-on and interactive lab activities.
3. Demonstrate the ability to make scientifically-informed decisions.

***Tentative Course outline of topics:**

- Early Foundations of the Ocean Sciences – Chapter 1
- Origins and Connections: Science, the Universe, Earth and Life – Chapter 2
- The Ocean Floor: Its Formation and Evolution– Chapter 3
- Water: Its Chemical and Physical Properties – Chapter 4
- Atmospheric Circulation and Ocean Currents – Chapter 5
- Waves and Tides – Chapter 6
- Introduction to Life in the Sea – Chapter 7
- The Primary Producers – Chapter 8
- The Zooplankton – Chapter 9
- Marine Environments – Chapter 12
- Marine Reptiles, Birds and Mammals (summary)– Chapter 13
- Marine Fisheries and Aquaculture (summary) – Chapter 14
- Human Impacts – Chapter 15 Note: Human impacts will be discussed, as applicable, throughout the semester. We will not cover chapter 15 in its entirety at the end of the semester.

**This outline of topics may change due to class cancellation for weather, illness, or any other unforeseen factors.*

Methods of Presentation:

Scheduled lectures in this course meet Mondays and Wednesdays, in person, at the South Portland campus – except for the first week of class. Our first week will meet remotely (on Zoom). Lab meets on Mondays once a week, starting the second week. Course material is presented through class activities (lecture and lab), and Brightspace. PowerPoint slides are incorporated. Additional materials, such as scientific articles, podcasts, video clips and TED talks will be utilized as appropriate to supplement presented materials. Discussions and a cooperative learning environment are encouraged. If necessary, due to illness or unforeseen circumstances, the methods of presentation will occur remotely through Zoom. Students will be notified in class and email if/when this occurs.

As a class, we all expect your constructive participation throughout the semester. Don't be afraid to ask questions! I am happy to answer questions about course policies, procedures, and setup, but please be sure you've read through the syllabus (and schedule) carefully first for those answers. (If you still can't find the answer, e-mail me!)

Contacting the instructor:

The best way to contact me outside of class is through e-mail (**Be sure to read the document posted on Brightspace in the Welcome/Start Here module called, *How to Email Your Professor***). I generally check email in the morning, Monday thru Friday, and will respond to your questions within 24 hours, if possible. During the weekend this time frame may be 36-48 hours. Please include your name and the course code in the subject line. Please be professional and clear with your questions. My office hours are listed on the first page and will be updated as the semester continues. Feel free to e-mail me to set up an appointment, I'll be happy to set up a time to meet with you. Questions and discussions are welcomed at any time. *I strongly encourage you to ask questions and discuss with me anything that's on your mind, especially if it's affecting your performance in class. Do not wait until something becomes a problem to get help; by then it's usually too late.*

For correspondence between you and faculty or offices on campus, use your SMCC student e-mail, rather than personal e-mail. Personal e-mails sometimes aren't recognized by the portal and can end up in the recipient's spam or trash folder. Be sure to check your SMCC email on a regular basis.

Student Requirements

- *All students must engage in constructive participation.* That means actively engaging in the learning process by asking questions, contributing to discussions, and participating in class activities (i.e., not sitting on the sidelines while everyone else surveys the beach or collects samples)
- Maintenance of a field/laboratory notebook with detailed records and drawings is required.
- **You are expected to arrive to any labs along the shore with clothes suitable for field work (i.e. boots, extra layers, rain gear).** Flip-flops or other open-toed sandals will not be permitted. Closed-toed shoes are also required in lab.
- Students are responsible for ALL material covered during lecture and lab. *All arrangements for missed work are the responsibility of the student.*
- Classmates will be courteous and respectful to all members of the class; this includes avoiding disruptions by cell phones and not using cell phones during class, Zoom meetings, or discussions, unless otherwise instructed.
- All students should regularly (every day during the work week) check their SMCC email accounts AND Brightspace for class information and updates.

Course Policies:

- No food or drink is permitted in the classroom.
- Students are responsible for all material covered. Students are expected to do their own work. Cheating of any kind will result in a failing grade for this course.
- Specific policies of this course follow those stated in the SMCC Students' Handbook. Students are expected to become familiar with these policies prior to beginning this course.
- Late assignments will be penalized. Assignments must be turned in on time.
- **Late exams will not be accepted in this class.** A zero grade will be given for any exams that are not completed by their scheduled due date.
- Turn in college level work that is respectful. No slang terminology, profanity or abbreviations.
- If you are absent, it is *your* responsibility to find out about missed announcements and lecture notes from someone who attended class. Do not email me and ask me for this material.

Attendance:

*Your future employer will not tolerate unexplained absences; they aren't acceptable here, either. **If you absolutely must be absent, I expect you to notify me by e-mail each time with an explanation at least 24 hours in advance (when possible).** If three absent days are consecutive with no contact or explanation, I will assign a grade of AF (Administrative Failure) to you at the end of class on the third absent day. This essentially drops you from the course. All absences are considered unexcused unless an arrangement has been approved before the start of the semester. Attendance is tracked.*

SMCC requires daily health screenings for students and employees who are on campus:

SMCC requires students who are taking in-person classes to fill out a health screening form on their mobile device before coming to campus. This can be accomplished efficiently if students and faculty are using the health screening app.

Learn how to complete your health screening:

https://my.smccme.edu/ICS/icsfs/SMCC_Health_Screening_App-Sign_24x36.pdf?target=2d31d8d9-bfc9-4464-a21f-1a49567cd80b

For any Zoom meetings this semester, attendance will be tracked. I recommend using your camera during our Zoom meetings, but it is not required. If students do not have their camera in use during our Zoom class meetings, I will check periodically to be sure students are in attendance. This may include a verbal pop quiz, or random questions to verify a student is present. If a student cannot verify that they are present during the periodic checks, they will be marked absent.

Student evaluation and grading: **This breakdown may change to reflect scheduling or other unforeseen factors*

Exams:

- Four equally weighted lecture exams are given during the semester over material in the weekly modules and your textbook. One final lab exam is given at the end of the semester. Each 100-point exam is individually worth 9% of the semester grade. These are high-value tests, so you will want to be well prepared. **Together, all five exams are worth 45% of the semester average.**

Lab Assignments:

- **Lab Assignments** consist of in-class, field, virtual or independent exercises, which will be assigned at the start of the week (Mondays at 9:30 am unless it is a school holiday). Due dates will vary, depending on the assignment. Some assignments will be due at the end of the lab meeting and others that require additional work/research outside of the classroom, will be due the following Monday - either handed in, written up in the lab notebook, or submitted on Brightspace at a specific time. Detailed instructions will be given with each assignment. Think of these as "homework" assignments. As a group, the lab homework and your lab write-up will be worth **10%** of the semester average.
- **Laboratory Notebook:** will be worth **15%** of the semester average. Bring your lab notebook to every in-person lab. You are required to keep a detailed notebook that contains the date, title, rationale (objective), observations, protocol (methods), data, results, and interpretation. You will be given lab notebook instructions during the first lab meeting. The purpose of these lab assignments is to help you focus your thinking and your observations as you do the laboratory work. I will outline the assignment at the beginning of the laboratory period. I will be providing the lab notebook to each student in the class. Each student must maintain the lab same lab notebook in order to receive a grade, so **be sure you do not lose your notebook.** **There will be an in-person lab exam at the end of the semester based on the in-person lab assignments this semester. It will be held during our last lab meeting, the last week of class.**

Note: I expect answers to any assignment or exam questions to be legible, correctly spelled and grammatically correct. Use complete sentences. If your English writing is not done well I cannot understand what you are trying to say and may have to count your answers as wrongs on assignments and exams. The study questions

will help you relate lecture and lab material and will give good practice in answering the sorts of written-response questions likely to appear on exams.

- **Oceanography Project.** Each student will select (with the approval by me) an oceanic current, water mass, or body of water, to research for a 10-minute presentation, and written abstract. Your research and presentation should include the physical and chemical characteristics of the water, origin of the water mass, relationship with adjacent currents or water masses, significance in terms of biological productivity, heat transfer, climate, global cycling, and human economics or society, and anything else of significance. Your research must be chiefly from the primary scientific literature (professional journal articles, conference proceedings, reports, theses, special publications, etc.) and may include some information from research institute websites. It should not include information from textbooks or summaries on websites. Topics must be selected and approved by 2/9/22 (Wednesday of the 4th week). PowerPoint presentations will be given in person, during scheduled lab meetings. Specific dates are listed on the schedule. In addition to your presentation, a written, conference-style abstract will be completed. The professionally written abstract of your findings, key figures, and annotated bibliography of your references along your PowerPoint file, must be submitted to me by 5:00pm the day before your presentation. This project is worth **20%** of the semester average.

Discussions:

- **Participation in online discussions:** Most (but not all) weeks, you will be presented with a topic, question (or multiple questions) to discuss pertaining to the course material. The question(s) will require you to do some research and you will need to cite your sources (including the textbook), using APA format. Please carefully review the information on Plagiarism, available on the Welcome/Start Here module on Brightspace. To earn credit for your original written discussions, you must post them first, before responding to others. No credit will be given for plagiarized posts, late posts, posts that are disrespectful or include profanity, or posts containing quoted material (since that is not your own work).

For the graded discussions, you will need to craft a well-written post. Aim for approximately 100 to 150 words for your initial post. I strongly advise keeping a copy of your work. Pay attention to grammar and punctuation. Make sure you have addressed the question(s). Once you have posted your initial response, you will be able to read the responses posted by other students. Please respond to **at least two** other students. Please be respectful.

Grading will be based on the following (Accounts for **10%** of the semester average):

Relevance and completeness: Extent to which the initial post addresses the question(s), encourages further discussion, and falls within the suggested word count.

Writing: Extent to which the post displays college-level writing (including proper grammar and punctuation) and careful proof-reading (minimal to no typos or misspellings).

Research: Extent to which the student has gone beyond simply relying on the textbook and has included other scientific sources (**not** WIKIPEDIA); all sources (including the textbook) are properly cited (APA format is fine).

Responses: Extent to which responses to other students are well-considered and well-written (minimum of two responses).

Your *initial* response to any weekly discussion must be posted **before Friday at 5:00 pm** that same week (exception: discussion #1 initial response must be posted by Friday of week 2). **You will receive a 10-point deduction from your total for each day past the deadline of your initial post.** Two additional responses must be posted on other students' posts before **Monday at 5:00 pm the following week.** The discussions will only be accessible for students to post responses during the week they are available. Some discussion posts require more research. The more involved discussions will be worth more than the simpler discussion posts.

Calculating your own grade:

A final course grade should NEVER BE A SURPRISE. Use the formula below to calculate your semester average. To calculate your grade at any time during the semester, average your exam scores and then multiply by 0.45. Take the sum of your lab assignment points and divide it by all the possible points for those lab assignments, then multiply by 10. Take your lab notebook points and divide it by the possible points for the notebook, then multiply by 15. Take

your Oceanography project points and divide it by the possible points for the project, then multiply by 20. Take the sum of all your discussions and divide it by all the possible points for those discussions, then multiply by 10. Add the four numbers together. This calculation is performed as a running score in Brightspace under “Grades”, but it’s a good idea to calculate your grade average yourself, periodically. *Official final grades are posted on the SMCC portal*

Semester Average = [average of exam scores x 0.45] + [(your lab assignment points) / (possible lab assignment points) x 10] + [(your lab notebook points) / (possible notebook points) x 15] + [(your Oceanography project points) / (possible project points) x 20] + [(your discussion points) / (possible discussion points) x 10].

**This breakdown may change to reflect scheduling or other unforeseen factors*

Grading Breakdown	Percentage
Exams (5 @ 100 points each)	45%
Oceanography Project	20%
Lab Notebook	15%
Lab Assignments	10%
Discussions	10%
Total:	100%

Grading scale: Letter grades are assigned following the policy in the SMCC handbook:

93 & higher = A	80 – 82 = B-	67 – 69 = D+
90 – 92 = A-	77 – 79 = C+	63 – 66 = D
87 – 89 = B+	73 – 76 = C	Below 63 = F
83 – 86 = B	70 – 72 = C-	

Policies regarding missed or late assignments and incompletes:

A zero will be given for any work not handed in. Late assignments or discussions will result in a **10-point deduction per day, after the due date**. Exams must be completed on time. **Late exams will not be accepted.** Partial credit will be given for incomplete work that is submitted on time.

School cancellation the last week:

If classes are cancelled for any reason during the last week of the semester (*i.e.*, inclement weather, emergency situation, *etc.*), this may impact how your final course grade is determined. If the cancellation occurs on a day when any in-class or in-lab work is scheduled to be done or handed in, and there is no other scheduled opportunity to meet that week, that work will be cancelled, and those points deducted from the overall total possible points. Those points will not be part of your course grade.

If the cancellation affects internet access area-wide, online work may be postponed or cancelled, depending on the situation.

Late Start:

In the event of a late start due to adverse weather, *etc.*, classes scheduled to begin earlier than the late start time, but which run past that time will start late but will meet. For example, if the College has a 10:00 a.m. late start, a class scheduled to meet from 8 AM until noon will now meet from 10 AM to noon.

End-of-Course Evaluation:

Students complete evaluations for each course attended at SMCC. Evaluations are submitted online and can be accessed through the student portal. Students can access the course evaluations beginning one week before the end of classes. The deadline for submission of evaluations occurs Monday at 5 p.m. following the last day of the class. You will receive an e-mail to your student e-mail account when course evaluations are available.

For Classes with any Face-to-Face Component:

While the syllabus represents current plans, there may be changes during the semester in response to the on-going Covid-19 pandemic. Depending on the progression of the virus, it is possible that the College may have to suspend face-to-face instruction for part of the semester. If we must stop face-to-face instruction anytime during the semester, your instructor will contact you via your SMCC email or the Brightspace course homepage to discuss next steps for the course.

Policies for all courses at Southern Maine Community College:

1. ADA (Americans with Disabilities Act):

Southern Maine Community College is an equal opportunity/affirmative action institution and employer. For more information, please call 207-741-5798. If you have a disabling condition and wish to request accommodations in order to have reasonable access to the programs and services offered by SMCC, you must register with the Disability Services Coordinator, Sandra Lynham, who can be reached at 741-5923. Further information about services for students with disabilities and the accommodation process is available upon request at this number. Course policies about online testing are modified to suit each individual's accommodations.

2. SMCC Pay-for-Print Policy:

Each semester students receive a \$20 printing credit. The balance resets at the end of the semester and any remaining credits are removed. The College's pay-for-print system monitors printing on all printers (including those in general access labs, library printers, Tutoring Services, Campus Center Lounge and technology labs). Be sure to log OUT of the system when you've finished your printing, to prevent unauthorized access to your account. Students can check the number of pages they have printed by using the Printing Balance tool available on SMCC computers (located in the lower right corner of the screen, near the clock). Departments with work study students who need to print documents for the department should contact the Help Desk at 741-5696 to have a special account set up. To find ways to reduce your printing charges, please go to the IT Help tab on My SMCC. If you have questions about the payfor-printing policy or your printing charges, please contact the Help Desk at 741-5696 or send an e-mail to helpdesk@smccme.edu.

Refunds

Print jobs are eligible for a refund in the event of mechanical or electronic error on the part of the printer, print server, or software used to submit the job. Jobs are not eligible for a refund in cases where the job was not set up correctly, was submitted multiple times, or the student is not satisfied with the result. To request a refund, please bring the offending print to the IT Department in the basement of the Ross Technology Center. Refunds will be granted in the form of a credit to the student's account.

Be sure to log OUT of the system when you've finished your printing, to prevent unauthorized access to your account.

3. Add/Drop Policy:

Students who drop a course during the one-week "drop/add" period in the fall and spring semesters, and the first three days of summer sessions, receive a 100% refund of the tuition and associated fees for that course. Please note any course that meets for less than the traditional semester length, i.e., 15 weeks, has a pro-rated drop/add period. There is no refund for non-attendance.

REMEMBER: Remaining enrolled after Add/Drop week means you understand and accept the requirements, policies, and instructions spelled out here, and in Brightspace.

4. Withdrawal Policy:

A student may withdraw from a course only during the semester in which s/he is registered for that course. The withdrawal period is the second through twelfth week of the fall and spring semesters and the second through ninth week of twelve-week summer courses. This period is pro-rated for shorter-length courses, usually 75% of the course meeting times; please check with the Registration Office. To withdraw from a course, a student must complete and submit the appropriate course withdrawal form, available at the Registration Office. The process must be completed either in person or by using SMCC e-mail accounts. The designation "W" will appear on the transcript after a student has officially withdrawn. A course withdrawal is an uncompleted

course and may adversely affect financial aid eligibility. Failure to attend or ceasing to attend class does not constitute withdrawal from the course. There is no refund associated with a withdrawal.

5. Plagiarism and other forms of cheating:

If an instructor suspects that a student has knowingly committed a violation defined in the Maine Community College System Policy on Student Grade Appeals and Academic Misconduct, the instructor has the authority to review the alleged misconduct and determine the grade that the student should receive for the assignment and the course. **The instructor may assign a failing grade for the assignment or course and may require the student to complete additional work for the course.** The instructor may consult with the department chair and/or the College's chief academic officer prior to making such decisions. If a student seeks to challenge an instructor's determination, the student should submit a grade appeal. Grade appeal forms are available in the Advising Office on the South Portland Campus or in the administrative offices in the Learning Commons on the Midcoast Campus. An instructor may also refer the matter to the College's disciplinary officer for review under the procedures of the MCCS Student Code of Conduct.

6. Mid-Term Grades:

Students will receive a mid-term grade at 10 weeks (60%) into the course. This grade will follow the grading scale posted above. The grade will be based on the assignment(s) that have been completed by week 10. This replaces the "Early Alert" period and the "Academic Alert" period. Student progress however continues to be monitored during the entire semester. This system is intended to raise students' awareness about their performance. Grades below a C at 10 weeks are sent to your advisor who will notify you about scheduling a meeting to discuss strategies for improvement. Think about specific ways you can improve your performance and take these ideas with you to the meeting. If you are performing unsatisfactorily at mid-term, it may be very difficult to earn a passing grade.

Mid-term grades do not change. They DO NOT become part of your permanent record and no other schools have access to them. They only reflect your performance during the first 10 weeks of the semester. However, these grades DO affect your final course grade, obviously, because your course grade continues to change as the semester progresses and you complete more work. Your final course grade may be different from your mid-term grades, i.e., higher, lower, or the same, depending on your performance. You should calculate your grade often and know where you stand (see "Calculating your own grade"). If your course grade continues to stay at C or above (satisfactory), keep up the good work! If your performance is falling below a C please make sure to discuss the situation and all available options with your instructor and your advisor.

7. Administrative Failure (grade of "AF"):

Face-to-face classes:

An Administrative Failure (a final grade of AF) identifies students who have stopped attending class and who have had no contact with the faculty member for a period in excess of one week. A student may be administratively failed after missing one more consecutive class meeting than the number of class meetings per week (4 for a class that meets three times a week, three for a class that meets twice a week, two for a class that meets once a week).

Students earning an AF or W are still financially responsible for the course.

8. The Learning Commons:

The library, tutoring and writing centers, and reference/research assistance (typically located on the second floor of South Portland's Campus Center and in the Midcoast's LL Bean Learning Commons and Health Science Center) should be fully available during the spring 2022 semester.

Here you can find free academic support through individually scheduled and drop in, online tutoring. You can also find information literacy/research librarians, and professional academic strategy/planning mentoring online. While the physical space of the Learning Commons will be available at this time, we can also work with you to set up zoom classrooms for small group study. Services are offered by appointment or as drop-in assistance.

To access services:

- Visit My Learning in My Maine Guide or
- Select the "tutoring needed" button if it appears inside your Brightspace course.

Whether On Site or Online, students have consistently reported that the Learning Commons is a friendly, risk-free, and helpful place to seek academic support. It has also been shown that those who make use of the Learning Commons do better in a course than those who do not. We strongly encourage you to take advantage of this valuable and enjoyable resource.

Tentative Oceanography Schedule Spring 2022

Week/ Meetings	Weekly Lecture topics Check the Weekly Module in Brightspace.	Weekly Lab topics, Assignments and Discussions Check Brightspace for due dates.	Notes
1 Jan 19	Orientation (Welcome, Brightspace, Introductions)	<u>Online work:</u> -Discussion #1	- This is Drop/Add week. - We will meet in-person starting week 2.
2 Jan 24 Jan 26	<i>Ch. 1: Early Foundations of the Ocean Sciences</i>	<u>Online work:</u> TBA <u>lab:</u> - Geography and Mapping	- Drop/Add ends Jan 25 at 5 pm.
3 Jan 31 Feb 2	<i>Ch. 2: Origins and Connections: Science, the Universe, Earth, and Life</i>	<u>Online work:</u> TBA <u>lab:</u> - Seawater chemistry	
4 Feb 7 Feb 9	<i>Finish Ch. 2</i> <i>Start Ch. 3: The Ocean Floor: Its Formation and Evolution</i>	<u>Online work:</u> - Discussion #2 <u>lab:</u> -Beach Profiling (low tide: 0.6 ft @ 9:43am)	- Oceanography Project topic due no later than Feb 9th at 5pm.
5 Feb 14 Feb 16	<i>Finish Ch. 3</i>	<u>Online work:</u> - Exam 1 (Covers material from Week 2 through week 4). <u>lab:</u> - water sample and microscope use	
6 Feb 21 Feb 23	Monday Holiday: No Class <i>Wednesday: Chapter 4: Water: Its Chemical and Physical Properties</i>	<u>Online work:</u> - Discussion #3 <u>lab:</u> No lab this week: school holiday – but it is a reeeally low tide at 8am! Check it out if you can.	- No classes, Feb 21, Presidents’ Day.
7 Feb 28 Mar 2	<i>Finish Ch. 4</i> <i>Start Ch. 5: Atmospheric Circulation and Ocean Currents</i>	<u>Online work:</u> <u>lab:</u> Class Presentations	- Advising Month: Contact your advisor to discuss your path to graduation. Registration for Summer/Fall 2022 starts: - Mar 1 for students with > 30 credits - Mar 3 for students with <30 credits. Register ASAP!
8 Mar 7 Mar 9	<i>Finish Ch. 5</i>	<u>Online work:</u> - Discussion #4 <u>lab:</u> Class Presentations	- New student registration (Summer/Fall 2022) begins Monday, Mar 7. Tell your friends!
9 Mar 14 Mar 16	Spring Break	Spring Break	- Spring Break March 14-19 - No Classes - Open registration for Summer 2022 begins Mar 14.
10 Mar 21 Mar 23	<i>Chapter 6: Waves and Tides</i>	<u>Online work:</u> - Exam 2 (Covers material from Week 5 through week 9). <u>lab:</u> Finish Class Presentations	- Spr/Sum 2021 incomplete grade changes due to Registrar, Mar 21.

11 Mar 28 Mar 30	Chapter 7: Introduction to Life in the Sea	<u>Online work:</u> - Discussion #5 <u>lab:</u> TBA	- Midterm grades due to Registrar by 10 pm, Apr 1.
12 Apr 4 Apr 6	Finish Ch. 7 Start Ch. 8: Primary Productivity	<u>Online work:</u> TBA <u>lab:</u> -primary productivity	- Open registration for Fall 2022 begins Apr 4. - SMCC Open House (S. Portland) Sat, Apr 9, 9am-12pm.
13 Apr 11 Apr 13	Finish Ch. 8 Ch. 9: The Zooplankton (summary)	<u>Online work:</u> - Discussion #6 <u>lab:</u> TBA	
14 Apr 18 Apr 20	Monday Holiday: No Class Wednesday: Start Ch. 12: Marine Environments	<u>Online work:</u> - Exam 3 (Covers material from Week 10 through week 13). <u>lab:</u> -no lab: School holiday	- Apr 18 Patriot's Day – No Classes - Last day to withdraw is Apr 19 by 5 pm.
15 Apr 25 Apr 27	Finish Ch. 12 Ch. 13: Marine Reptiles, Birds, and Mammals (summary)	<u>Online work:</u> - Discussion #7 (Last One!) <u>lab:</u> -Life in the Sea	
16 May 2 May 4	Ch. 14: Marine Fisheries and Aquaculture (Summary)	<u>Online work:</u> <u>lab:</u> - Lab Exam (in person) - Notebooks due at the end of lab!	- Online evaluations are available starting this week. Please be sure to complete one for each of your courses. Your opinions are important to us! Find the link on your My SMCC page.
17 May 9 May 11	Wrap-up	- Exam 4 (covers material from week 14 through week 16) closes on Friday, Dec 17 at 11:59 pm <u>Lab: return notebooks</u>	- Course ends Fri, May 13. - Semester ends Sat, May 14. - Final grades reported NLT Tue, May 17 at 10:00pm.

Lab meeting times: Every Monday 9:30am – 11:20 am. Lecture meeting times every Monday and Wednesday 11:30 am to 12:45pm

- **Blue** items represent important information (some of which is not course-related).
- **Yellow highlighted** items have important specific days, dates, or time periods related to them.

Disclaimers:

Please note that the above schedule is **TENTATIVE**. It may change based on weather, illness, COVID, laboratory supplies and the pace of our class. This same schedule can also be found on **BRIGHTSPACE**. **ALL necessary changes will be posted there during the semester**. Make sure that you refer to Brightspace for the most up-to-date information and schedule for the class.

Some elements of the syllabus may be changed at the instructor's discretion. The changes will be communicated via in-class announcement, Brightspace announcement and/or official email. Students will be given at least 48 hours notice of changes *whenever possible*.

Instructor errors: Please let me know, promptly and courteously, if I have made a mistake in class, or if I have

made a mistake in grading. I appreciate the feedback, because I want to correct errors as soon as possible. If there is any aspect of this syllabus that you do not understand, or to which you take exception, please let me know within the first week of class.

Fairness and Respect:

No matter who you are, what you do, or where you come from outside our class, you have entered an environment (our classroom) that is fair, where everyone begins and works on the same level playing field. I will show no favoritism for any reason. If you ever feel that I have treated you unfairly or have disrespected you in ANY way, please let me know so we can quickly fix the problem. My job is to work with you so that you will learn as much as possible in our class. Your success and future is solely *your* responsibility.

Your continued attendance in this course constitutes an acknowledgement and acceptance of the requirements delineated in this syllabus.

** A shift to regular in-office hours is dependent on the progression of Covid-19 variants and reported case data by the Maine CDC. An email notification will be sent to students in the event that regular office hours are reinstated.*