

Physics/Ocean Sciences 2300

Introduction to Physical Oceanography

General Information

Instructor: Dr. Joe Fitzgerald

Office: C4062

Email: jgfitzgerald@mun.ca (Note: Please do not use Brightspace messenger, and when emailing me please include PHYS/OCSC 2300 in the email subject line)

Course time and location: Slot 6 - M-T-R 1:00-1:50 PM (Room C2045)

Office hours: Monday 3-5PM (C4062)

Course website: Brightspace

Prerequisites and co-requisites: 6 credit hours in first-year Physics

Evaluation Scheme

- 4 Assignments: 5% each (Total 20%)
- 2 Term tests: 15% each (Total 30%)
- Term paper: Topic + Reference 2.5%, Annotated Bibliography 5%, Final paper 12.5% (Total 20%)
- Final exam: 30%

For **tentative** distribution and due dates, see below. Students are encouraged to collaborate on assignments but must write up their own solutions.

Evaluation Schedule

- **Assignments**
 - Assignment 1: Distributed Sept. 15, Due Sept 29
 - Assignment 2: Distributed Sept. 29, Due Oct. 13
 - Assignment 3: Distributed October 20, Due Nov. 3
 - Assignment 4: Distributed Nov. 14, Due Nov. 28
- **Term Tests**
 - Term test 1: Oct. 20
 - Term test 2: Nov. 14
- **Term Paper**
 - Topic + 1 Reference: Due Sept. 22
 - Annotated Bibliography: Due Oct. 27
 - Final Paper: Due Dec. 1

Textbook

The course textbook will be

Essentials of Oceanography, 13th Edition by Trujillo and Thurman, 2020.

Older editions of the book, especially the 11th Edition and beyond, should be fine for the course and there is no need to buy a new copy if you can find a used version. Readings will be assigned from the text.

Students with Disabilities

Memorial University of Newfoundland is committed to fostering equitable and accessible learning environments for all students. Accommodations for students with disabilities are provided in accordance with the Accommodations for Students with Disabilities Policy (www.mun.ca/policy/site/policy.php?id=239) and its related procedures. Students who feel that they may require formal academic accommodations to address barriers or challenges they are experiencing related to their learning are encouraged to contact Accessibility Services (the Blundon Centre) at the earliest opportunity to ensure any required accommodations are provided in a timely manner. You can contact Accessibility Services (Blundon Centre) by emailing blundon@mun.ca.

Academic Integrity

Students are expected to adhere to those principles which constitute proper academic conduct. A student has the responsibility to know which actions, as described under Academic Offences in the University Regulations, could be construed as dishonest or improper. Students found guilty of an academic offence may be subject to a number of penalties commensurate with the offence including reprimand, reduction of grade, probation, suspension or expulsion from the University. For more information regarding this policy, students should refer to the University Regulations for Academic Misconduct (Section 6.12) in the University Calendar.

Land Acknowledgement

We acknowledge that the lands on which Memorial University's campuses are situated are in the traditional territories of diverse Indigenous groups, and we acknowledge with respect the diverse histories and cultures of the Beothuk, Mi'kmaq, Innu, and Inuit of this province.