

Oberlin College Physics 411, Electrodynamics, Fall 2021

## Assignment 4

Friday, 17 December

*Reading:* Within Griffiths chapter 10 on “Potentials”, read sections 10.1 and 10.2.

Also *Notes on Electrodynamics* chapter 6, “Potentials and Gauges”.

*Problems:* Due Friday, 7 January 2022.

- Griffiths 9.12: *Time averages*
- Griffiths 9.13: *Maxwell stress tensor for light*
- Griffiths 9.23: *Water waves and quantal waves*