

Errata (Fall 2025)

PHYS 203B: COLLEGE PHYSICS

Department of Physics, Southern Illinois University–Carbondale

Last updated: September 4, 2025

The following is not a complete list. It is being maintained since 2022 Jan 9, and is expected to evolve.

1. 2025 Fall, Solution to Homework No. 01, Problem 1, in the [video](#): Between 4:05 and 5:05 time stamps, for part (a), $0.11 \times 10^{-9+31-3} = 1.1 \times 10^{18}$. This carries over to part (b) and the correct answer is 0.18 C.
2. 2022 Spring, Homework No. 03, Problem 3, part (c), in the [video](#) for Solutions between 9:00 and 11:30 time stamps:
a cube of sidelength 9 cm is enclosed inside a sphere of radius 7 cm when their centers coincide. Thus, the flux across the surface of the cube is 0, because there is no charge enclosed inside the cube.