

PHYS 1312, Fall 2022
Computational Modeling Projects

Final reports and codes due Nov. 11.

Assignments and presentation dates:

Date	Group	Topic	Chapter	Problem No.
10/25	1	Dipole electric field	13	P68
10/25	2	Antiproton-charge interaction	13	P69
10/27	8	Rod electric field I	15	P66
10/27	6	Square loop electric field	15	P68
11/1	4	Ring electric field	15	P69
11/1	7	Electric field near uniformly charged disk	15	(see me)
11/3	11	Ring potential difference	16	P90
11/3	9	Square loop magnetic field	17	P63
11/3	13	Ring magnetic field	17	P64
11/8	5	Proton in B-field	20	P81
11/8	12	Electric field in wires	18	(see me)
11/10	10	Electric flux	21	P30
11/10	3	Proton in a loop	22	Similar to P35