**Transformed E&M I materials**

**Electric Displacement**

**(Griffiths Chapter 4)**

**TIMELINE**

Prof A covers this in lecture 22.

Prof B. covers this in lecture 22.

Transformed course covered in lectures 24.

**LEARNING GOALS**

1. Students should be able to sketch the direction of D, P, and E for simple problems involving dielectrics
2. Students should be able to calculate the E field inside a dielectric when given epsilon and the free charge on the dielectric.
3. Students should be able to identify the appropriate boundary conditions on D, given its relationship to E.

**CLASS ACTIVITIES**

**None.**