

Lesson #9: Electric Fields & Forces

Topics	Frank's Lecture Video	Hewitt Drew It Videos	Khanacademy Videos
Electric Forces & Fields	Intro Charges & Forces - 1 Charges & Forces - 2 Charges & Forces - 3 Forces - 4 / Fields - 1 Fields - 2 Fields - 3 Demos		Electrostatics (part 1): Introduction to Charge and Coulomb's Law Electrostatics (part 2) Proof (Advanced): Field from infinite plate (part 1) Proof (Advanced): Field from infinite plate (part 2)
Flux & Gauss's Law	Gauss's Law - 1 Gauss's Law - 2 Gauss's Law - 3 Gauss's Law - 4 Gauss's Law - 5 Shielding - 1 Using Gauss - 1 Using Gauss - 2 Using Gauss - 3 Using Gauss - 4 PhET & Demos Shielding - 2 Shielding - 3		
Electric Potential xxxxx	Work Review - 1 Work Review - 2 Work Review - 3 Potential Intro - 1 Potential Intro - 2 Potential Intro - 3 Potential - 1 Potential - 2 Potential - 3 Potential - 4 Potential - 5 Potential - 6 Potential - 7 Review Prob - 1 Review Prob - 2 Review Prob - 3 Sawstop Demo Review of Potential		Electric Potential Energy Electric Potential Energy (part 2-- involves calculus) Voltage
Using Electric Forces,	Worksheet 62-63 - 1 Worksheet 62-63 - 2 Worksheet 70-71 - 1		

Fields,
& Potential

[Worksheet 70-71 - 2](#)

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Solution Videos
EM_03B* EM_04B*
EM_11_PART1 EM_11_PART2 EM_11_PART3 EM_14B
EM_21_PART1 EM_21_PART2 EM_23B*
EM_16B EM_24B EM_25B



equires calculus