Course at a Glance

Plan

The course at a glance provides a useful visual organization of the AP Physics C: Electricity and Magnetism curricular components, including:

- Sequence of units, along with approximate weighting and suggested pacing.
 Please note, pacing options are provided for teaching the course in a single semester or a full year.
- Progression of topics within each unit.
- Spiraling of the big ideas and science practices across units.

Teach

SCIENCE PRACTICES



	-	
ACT	Force Interactions	CONV Conservation

Assess

Assign the Personal Progress Checks—either as homework or in class—for each unit. Each Personal Progress Check contains formative multiplechoice and free-response questions. The feedback from the Personal Progress Checks shows students the areas where they need to focus.



2 Conductors, Capacitors, Dielectrics				
~9/	~18	Class Periods	14–17 [%] AP Exam Weighting	
<u>аст</u> +	2.1 Conductors, Capacitors, Dielectrics: Electrostatics with Conductors			
снv +	2.2	Condu Capac Capac	ictors, citors, Dielectrics: citors	
FIE +	2.3	Condu Capac Dielec	ictors, citors, Dielectrics: ctrics	

Personal Progress Check 1

Multiple-Choice: ~35 questions Free-Response: 1 question

Personal Progress Check 2

Multiple-Choice: ~30 questions Free-Response: 1 question





UNIT 5 **Electromagnetism** ~10/~20 Class Periods 14–20% AP Exam Weighting FIE CNV ACT 5.1 Electromagnetism: Electromagnetic Induction (Including Faraday's Law and ÷ Lenz's Law) CNV **5.2** Electromagnetism: Inductance (Including ÷ LR circuits) CNV 5.3 Electromagnetism: Maxwell's Equations ÷

Personal Progress Check 3

Multiple-Choice: ~35 questions Free-Response: 1 question

Personal Progress Check 4

Multiple-Choice: ~30 questions Free-Response: 1 question

Personal Progress Check 5

Multiple-Choice: ~25 questions Free-Response: 1 question