

### APPLICATION INSTRUCTIONS:

1. Use this template to report all of the PhysTEC Secondary Graduates who have graduated in the past academic year (Part One) as well as the program summary (Part Two).
2. Email the completed form to PhysTEC@aps.org.

### PART ONE: LIST OF PHYSTEC SECONDARY GRADUATES

Name	Physics Content Knowledge	Certification Pathway	Completion date *	
			Month	Year
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

If your institution has more than 10 graduates, complete your list on the following page.

### Definitions and Criteria

#### PhysTEC Secondary Graduate

Any student who has graduated from a PhysTEC member institution and has a major or minor in physics (or has completed equivalent coursework) **AND** has completed a teacher education program leading to certification.

#### Physics Content Knowledge

- a) Physics major
- b) Physics education major
- c) Physics major equivalent
- d) Physics minor
- e) Physics education minor
- f) Physics minor equivalent
- g) Other (explain below).

#### Certification Pathway

- a) Undergrad certification at your institution
- b) Undergrad at your institution and certification elsewhere
- c) Undergrad and post-bac certification at your institution
- d) Undergrad elsewhere and post-bac certification at your institution
- e) Other (explain below).

\*Completion date is the date the student meets the definition of a PhysTEC Secondary Graduate

### Comments regarding Physics Content Knowledge and Certification Pathway (if applicable):

## PART TWO: PHYSICS TEACHER EDUCATION PROGRAM SUMMARY

Provide a 2-3-paragraph summary of the physics teacher education program, with an emphasis on efforts contributing to the large number of graduates. The summary should be suitable for the web and will be placed (subject to editing by PhysTEC staff) on the institution's webpage on [phystec.org](http://phystec.org)

City College offers multiple routes to Teacher Certification in Secondary Physics. Undergraduate Physics majors can complete a minor in Science Education. Those with a Bachelor's Degree with a major in physics can complete a Masters Degree in Science Education, which simultaneously fulfills certification requirements. Those with an advanced degree in Physics can complete a certification only graduate program. In addition, Middle School Science Teacher candidates can pursue certification at City College, where there is support for understanding a cross section of science content knowledge, including physics / physical science. In all programs, in addition to knowing physics content, there is an emphasis on the process of science, how we know what we know, research on how students learn physics, and effective physics pedagogy. With Grant Support from NSF as well as local, state, and national Departments of Education, City College has a long history of supporting in-service and pre-service physics teachers in our urban context.

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## PART ONE (CONT'D): LIST OF PHYSTEC SECONDARY GRADUATES

Name	Physics Content Knowledge	Certification Pathway	Completion date*	
			Month	Year
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				