



# Secondary Physics 2 Endorsement Application for the Utah State Board of Education

## Applicant Information:

Name: \_\_\_\_\_ CACTUS ID#: \_\_\_\_\_

E-mail: \_\_\_\_\_

## Purpose

This endorsement may be attached to a current Educator License with a Secondary Education area of concentration and is required to Advanced Physics (AP, CE, and IB) and high school physics elective courses. Those with this endorsement can also teach all the courses a Physics 1 endorsed educator can teach. **NOTE:** *Advanced physics (AP, CE, and IB) courses may also include additional requirements in order to be approved by the university or college board to teach.*

## Select Endorsement Type: Please check one

- This application is for a Professional Secondary Physics 2 Endorsement.
- This application is for an Out of State Licensure Applicant.
- This application is for an Associate Secondary Physics 2 Endorsement. I have completed the following requirement(s):
  - Hold a Professional Secondary Physics 1 Endorsement
  - Completed at least 2 of the 4 Requirement Areas for the endorsement

## Instructions for Completing the Application:

1. Complete the Secondary Physics 2 Endorsement Application by filling in the table demonstrating how you have completed at least one option for each of the 4 requirement areas.
2. Email completed application and any non-transcript documentation (e.g., MIDAS Transcript, certificates) to [licensing@schools.utah.gov](mailto:licensing@schools.utah.gov). Submit necessary university transcripts to [transcripts@schools.utah.gov](mailto:transcripts@schools.utah.gov).

## Endorsement Requirements:

The Secondary Physics 2 Endorsement has the following 4 requirement areas:

- 1) Science Core (6-8) Endorsement
- 2) Secondary Physics 1 Endorsement
- 3) Advanced Quantitative Physics Reasoning Content Knowledge
- 4) Advanced Physics Content Knowledge

**Prerequisite Endorsements:** The Science Core (6-8) and Physics 1 Endorsements are requirement in order to earn this endorsement

Competency in each of the 4 requirement areas may be demonstrated by completing at least one of the following options: taking university courses, having a university Major in content area, or other experiences that demonstrates knowledge, skills, and dispositions as approved by the USBE Secondary Science Specialist.

# Endorsement Requirement Areas Checklist

Use the Following table to demonstrate how each requirement area for the Physics 2 Endorsement has been met. **Each row must be met by at least one of the column options** - cells that are greyed out are not available options. For a list of approved evidence of competency options that meet the endorsement requirements, please visit: [Secondary Physics 2 Endorsement Options](#)

<b>Requirement Area(s)</b> (Aligned Area Competency hyperlink to more details below)	<b>University Course</b> <u>Evidence:</u> If this option is used the application must include a transcript for each course below	<b>College Major</b> <u>Evidence:</u> If this option is used the application must include a transcript with the Major is posted	<b>Prerequisite Endorsement Requirements</b> <u>Evidence:</u> Prerequisite Endorsement must be posted in CACTUS or an Additional Application for prerequisite endorsement must included with this application
<b>Science Core (6-8) Endorsement</b> <a href="#">SC.1-4</a>			<b>Science Core (6-8) Endorsement</b> <input type="checkbox"/> Previously Completed Year Completed _____ <input type="checkbox"/> Additional Application Included
<b>Secondary Physics 1 Endorsement</b> <a href="#">P1.1-4</a>			<b>Physics 1 Endorsement</b> <input type="checkbox"/> Previously Completed Year Completed _____ <input type="checkbox"/> Additional Application Included
<b>Advanced Quantitative Physics Reasoning Content Knowledge</b> <a href="#">P2.1.A-B</a>	<p style="text-align: center;"><b>Calculus I</b></p> University _____ Course Code _____ Year _____ Grade _____		
<b>Advanced Physics Content Knowledge</b> <a href="#">P2.2.A-E</a>	<p style="text-align: center;"><b>Choose two Advanced/Applied Physics course options:</b> (In addition to the Advanced/Applied Course used to earn the Secondary Phys 1 Endorsement)</p> <ul style="list-style-type: none"> <li>● Astronomy or Astrophysics</li> <li>● Electricity and Magnetism</li> <li>● Mechanical Engineering</li> <li>● Mechanics, Statics</li> <li>● Modern Physics</li> <li>● Thermodynamics</li> <li>● Waves, Acoustics, and Sound</li> </ul> University _____ Course Code _____ Year _____ Grade _____  University _____ Course Code _____ Year _____ Grade _____	<p style="text-align: center;"><b>College Major in Physics, Physics Education, or a Physics Variation</b> (e.g., Astrophysics, Theoretical Physics, Nuclear Physics)</p> Major _____  University _____  Year _____	

Specific Competencies for each Secondary Physics 2 Endorsement Requirement Area are described below

## Applicant's Signature

I, \_\_\_\_\_, certify that the information contained in this application is true.

- I have submitted any required documentation (e.g., transcripts).
- Any submitted University transcripts meet the following guidelines.
  - Electronic transcripts:
    - Official electronic transcripts must be sent directly from the College/University clearinghouse to the USBE Licensing Department at [transcripts@schools.utah.gov](mailto:transcripts@schools.utah.gov).
    - Electronic transcripts sent from the applicant will not be accepted.

### ***For Office Use Only***

- The application is complete and approved.
- The application is incomplete, but the applicant qualifies for an associate endorsement.  
Applicant is qualified by:  Holds a Professional Physics 1 Endorsement  2 of 4 Requirement Areas met
- The application is incomplete and not approved for the following reason(s):

ENDORSEMENT SPECIALIST: \_\_\_\_\_ Date Reviewed and Returned to Licensing: \_\_\_\_\_