

SECONDARY PHYSICS 2 ENDORSEMENT

Application for the Utah State Board of Education

APPLICANT INFORMATION

Name: _____ CACTUS ID#: _____

E-mail: _____

PURPOSE

This endorsement, when attached to a current Secondary Education License, verifies that the individual has the skills and knowledge necessary to teach students in an advanced secondary physical science classroom and is required to teach Advanced Physics (AP, CE, and IB) 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.

PRELIMINARY QUESTIONS

PREREQUISITES: I have met the ALL the following requirements and provided the necessary documentation:

- Has a Secondary Science Core Endorsement
 - Previously Completed - Year _____
 - Additional Application Included
- Has a Secondary Physics 1 Endorsement
 - Previously Completed - Year _____
 - Additional Application Included

Do you have a degree major in Physics, Physics Education, Physical Science Education, or a Physics Variation (e.g., Astrophysics, Theoretical Physics, Nuclear Physics)? A degree major IS NOT required but is one way to demonstrate competency for several requirement areas.

No

Yes University: _____

Major name: _____ Year: _____

ENDORSEMENT REQUIREMENT AREAS

Use the checkboxes below to indicate how each requirement area for the Secondary Physics 2 Endorsement has been met. Only one demonstration of competency is needed per requirement area. For descriptions of the competencies of each requirement area and their approved options, visit: [Secondary Physics 2 Endorsement Specs](#).

1. Advanced Quantitative Physics Reasoning Content Knowledge

University Course in Calculus I

University: _____ Course code: _____

Course name: _____ Semester/Year: _____ Grade: _____

College Major in Physics, Physics Education, Physical Science Education, or a Physics Variation

2. Advanced Physics Content Knowledge

Two University Courses in any two of the following Advanced/Applied Physics course options (In addition to the Waves and Their Applications in Technology Course used to earn the Secondary Physics 1 Endorsement):

- Astronomy or Astrophysics*
- Electricity and Magnetism*
- Mechanical Engineering*
- Mechanics, Statics*
- Modern Physics*
- Thermodynamics*
- Waves, Acoustics, and Sound*
- Optics*

University: _____ Course code: _____

Course name: _____ Semester/Year: _____ Grade: _____

University: _____ Course code: _____

Course name: _____ Semester/Year: _____ Grade: _____

College Major in Physics, Physics Education, Physical Science Education, or a Physics Variation

APPLICANT'S SIGNATURE

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

- I have submitted any required documentation such as original transcripts, MIDAS transcripts, etc.
- Electronic transcripts must be sent directly from the College/University clearinghouse to the USBE Licensing Department at transcripts@schools.utah.gov.

APPLICATION SUBMISSION

Please submit application online in the Utah Educator Licensing Application system, [Survey Monkey Apply](https://usbelicensing.smapply.us) (<https://usbelicensing.smapply.us>)