

New Business Item 16-14 Revised

Introduced November 18, 2016

Approved November 18, 2016

Revised March 4, 2022

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TITLE: Requirements for Content Knowledge Verification for a STEM License for Initial Licensure and Adding the Field to an Existing Hawaii License

Effectively immediately, The Hawaii Teacher Standards Board approves the following content knowledge requirements for an initial license in STEM and for adding the STEM field to an existing Hawaii license. A license may be granted to an applicant who meets all other licensure requirements and has completed one of the following methods for verifying content expertise:

To Satisfy Content Knowledge Requirement for Initial licensure in STEM:

- A bachelor's degree or higher in STEM awarded by an accredited institution of higher education;

OR

- A bachelor's degree or higher from an accredited institution of higher education in Science, Technology, Engineering, or Mathematics and a total of thirty (30) semester credit hours that includes six (6) semester credit hours in each of the four STEM disciplines at least three (3) semester hours in each of the disciplines must be upper division level; the remaining 6 semester credit hours may be from any of the four STEM disciplines;

OR

- A bachelor's degree or higher from an accredited institution of higher education in Science, Technology, Engineering, or Mathematics and Passing scores on HTSB's Praxis Technology Education Test and a passing score on either the Praxis science or mathematics area tests.

Note: Teacher Candidates are required to meet all other SATEP requirements for initial licensure

To Satisfy Content Knowledge Requirement for Add a Field in STEM:

- A total of thirty (30) semester credit hours (30) from an integrated STEM education program that includes six (6) semester credit hours in each of the four STEM disciplines at least three (3) semester hours in each of the disciplines must be upper division level; the remaining 6 semester credit hours may be from any of the four STEM disciplines;

OR

- Completion of a minimum of nine (9) professional development credits offered by a private/non-profit organization or school district in integrated STEM education that includes all four STEM disciplines with at least three (3) hours of the engineering design process. During the course of the professional development courses, the individual must develop and deliver a purposeful unit that integrates Science, Technology, Engineering and Math along with other content areas;

OR

- Passing scores on HTSB's Praxis Technology Education Test and a passing score on either the Praxis science or mathematics area tests.

Note: To add the field of STEM applicants are required to meet HTSB's experience requirements for adding a field.

Submitted by: Branden Kawazoe

Referred to: Teacher Education Committee