

New Business Item 16-14

Introduced 11/18/2016

Approved 11/18/2016

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

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:

1. Thirty credit hours from an integrated STEM education program that includes all four STEM disciplines and at least three hours of coursework in the engineering design process.

OR

2. A combination of the following coursework:
 - A major of thirty semester hours in at least one STEM field; and
 - A minimum of six semester hours in at least one non-major STEM field; and
 - At least three semester hours of coursework that include the engineering design process.

OR

3. Completion of a minimum of nine 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 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

4. Passing scores on Praxis Technology Education Test 5051 and a passing score on either the Praxis science or mathematics area tests.

Submitted by: Terry Lynn Holck

Referred to: Teacher Education Committee