584-220-0020
Advanced Mathematics

(1) Purpose: An Advanced Mathematics endorsement indicates that an educator is qualified to teach prekindergarten through grade 12 assignments in advanced mathematics as provided by the TSPC Licensure Guide for Advanced Mathematics.

(2) An Advanced Mathematics endorsement permits the holder to teach all levels of single subject mathematics, including foundational mathematics courses. (Foundational Mathematics courses are a subset of the full Advanced Mathematics endorsement.)

(3) An educator is not authorized to teach in the endorsed area unless and until the endorsement is officially added to the license, except as provided in as provided in OAR 584-210-0170, Atypical Assignments and OAR 584-210-0160 License for Conditional Assignment.

(4) Adding to existing Preliminary Teaching License: To be eligible to add an Advanced Mathematics endorsement to an existing Preliminary Teaching License, an applicant must meet the following content and pedagogy requirements:

(a) Meet one of the following content knowledge requirements:

(A) Provide documentation of a passing score on the Commission-approved subject mastery test for Advanced Mathematics; or

(B) Complete Commission-approved advanced mathematics coursework of at least fifty-seven quarter or thirty-eight semester hours designed to develop competence in:

(i) Mathematical Processes and Number Sense:

(ii) Patterns, Algebra and Functions;

(iii) Measurement and Geometry;

(iv) Trigonometry and Calculus; and

(v) Statistics, Probability and Discreet Mathematics.

(C) At least fifty percent (50%) of the Advanced Mathematics coursework must have been completed within five years prior to the date of application for the endorsement.

(b) Meet one of the following Advanced Mathematics pedagogy requirements:

(A) Admission to and completion of a Commission-approved Advanced Mathematics preparation program as verified by the approved program in accordance with OAR 584-420-0300; or

(B) Complete an Advanced Mathematics pedagogy course of at least three quarter or two semester hours acceptable to the Commission. The course must include the word pedagogy or methods in the
course title or must be acceptable to the Commission upon evaluation of course syllabi or other evidence; or

(C) Complete a supervised practicum in an advanced mathematics assignment in a public school setting. To verify the practicum, a school district must submit a PEER form and a statement verifying that:

(i) The applicant completed at least 60 hours of a supervised practicum in advanced mathematics courses above Algebra I;

(ii) The practicum was supervised by a teacher holding a Professional, Teacher Leader or Legacy Teaching license with an Advanced Mathematics endorsement. If the school or school district is unable to provide a teacher with an Advanced Mathematics endorsement, the school or school district may permit a teacher holding a Professional, Teacher Leader or Legacy Teaching license with an alternate endorsement as approved by the Director of Licensure. The reason for using a supervisor with an alternate endorsement must be noted on the verification statement for the practicum;

(iii) The applicant has obtained the required pedagogy skills to teach advanced mathematics.

Note: The district must indicate in the statement that the supervisory teacher supports the verification of applicant skill level.

(iv) At the Executive Director’s or Licensure Director’s discretion, other Advanced Mathematics teaching experience such as teaching in at a post-secondary institution or in a private school setting may qualify to satisfy the practicum experience. In these settings, verification from the employer of satisfactory completion of the supervised teaching experience with at least 60 clock hours of Advanced Mathematics above Algebra I instruction is required to qualify as a suitable practicum to add the endorsement.

(c) Submit a complete and correct application to obtain the endorsement in the form and manner required by the Commission, including payment of all required fees as provided in OAR 584-200-0050.

Note: Adding the endorsement at the time of renewal will not require an additional cost to add the licensure renewal process.

(5) Adding to Advanced Math to Other Licenses: To be eligible to add an Advanced Mathematics endorsement to an existing Professional, Teacher Leader or Legacy teaching license, an applicant must:

(a) Meet one of the following content knowledge requirements:

(A) Provide documentation of a passing score on the Commission-approved subject mastery test for Advanced Mathematics; or

(B) Complete Commission-approved advanced mathematics coursework of at least fifty-seven quarter or thirty-eight semester hours designed to develop competence in:

(i) Mathematical Processes and Number Sense:

(ii) Patterns, Algebra and Functions;
(iii) Measurement and Geometry;

(iv) Trigonometry and Calculus; and

(v) Statistic, Probability and Discreet Mathematics.

(C) At least fifty percent (50%) of the Advanced Mathematics coursework must have been completed within five years prior to the date of application for the endorsement.

(b) Submit a complete and correct application to obtain the endorsement in the form and manner required by the Commission, including payment of all required fees as provided in OAR 584-200-0050.

Note: Adding the endorsement at the time of renewal will not require an additional cost to add the licensure renewal process.

Statutory/Other Authority: ORS 342
Statutes/Other Implemented: ORS 342.120 - 342.430, 342.455 - 342.495 & 342.553
History:
TSPC 1-2016, f. & cert. ef. 2-10-16
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