SECONDARY MATHEMATICS ENDORSEMENT

Application for the Utah State Board of Education

APPLICANT INFORMATION

Name: _____ CACTUS ID#: _____

E-mail: _____

PURPOSE

This endorsement, when attached to a secondary education license area, verifies that the individual has the skills and knowledge necessary to teach all secondary mathematics courses (qualifications for teaching Concurrent Enrollment (CE) coursework require approval by an LEA's partner Institution of Higher Education as defined by 53E-10-301).

ENDORSEMENT REQUIREMENT AREAS

The Secondary Mathematics endorsement has the following 2 competency areas:

Area #1: Mathematics Content Knowledge
Area #2: Pedagogy, Skills, and Dispositions

For approved courses and their corresponding course numbers from Utah Institutions of Higher Education, please see this document: Secondary Mathematics Endorsement Specifications

1. COLLEGE ALGEBRA
   ☐ *UNIVERSITY COURSE*
   UNIVERSITY: _____ COURSE CODE: _____
   COURSE NAME: _____ SEMESTER/YEAR: _____ GRADE: ___
   ☐ *I'VE TAKEN CALCULUS 1*
   UNIVERSITY: _____ COURSE CODE: _____
   COURSE NAME: _____ SEMESTER/YEAR: _____ GRADE: ___
   ☐ *COLLEGE DEGREE*
   MAJOR IN MATHEMATICS (OR RELATED FIELD).
   UNIVERSITY: _____ DEGREE EARNED: _____
   YEAR: _____
   ☐ *GRE MATHEMATICS SUBJECT EXAM (PASSING SCORE 515)*
   DATE TAKEN: _____ SCORE: _____

2. TRIGONOMETRY
   ☐ *UNIVERSITY COURSE*
   UNIVERSITY: _____ COURSE CODE: _____
   COURSE NAME: _____ SEMESTER/YEAR: _____ GRADE: ___
   ☐ *I'VE TAKEN CALCULUS 1*
   UNIVERSITY: _____ COURSE CODE: _____
   COURSE NAME: _____ SEMESTER/YEAR: _____ GRADE: ___
   ☐ *COLLEGE DEGREE*
   MAJOR IN MATHEMATICS (OR RELATED FIELD)
   UNIVERSITY: _____ DEGREE EARNED: _____
   YEAR: _____
   ☐ *GRE MATHEMATICS SUBJECT EXAM (PASSING SCORE 515)*
   DATE TAKEN: _____ SCORE: _____

3. CALCULUS I OR CALCULUS FOR SECONDARY MATHEMATICS TEACHERS OR
   CONCEPTUAL CALCULUS
   ☐ *UNIVERSITY COURSE*
   UNIVERSITY: _____ COURSE CODE: _____
   COURSE NAME: _____ SEMESTER/YEAR: _____ GRADE: ___
   ☐ *COLLEGE DEGREE*
   MAJOR IN MATHEMATICS (OR RELATED FIELD)
   UNIVERSITY: _____ DEGREE EARNED: _____
   YEAR: _____
   ☐ *GRE MATHEMATICS SUBJECT EXAM (PASSING SCORE 515)*
   DATE TAKEN: _____ SCORE: _____

4. CALCULUS II
   ☐ *UNIVERSITY COURSE*
   UNIVERSITY: _____ COURSE CODE: _____
   COURSE NAME: _____ SEMESTER/YEAR: _____ GRADE: ___
   ☐ *COLLEGE DEGREE*
   MAJOR IN MATHEMATICS (OR RELATED FIELD)
   UNIVERSITY: _____ DEGREE EARNED: _____
   YEAR: _____
   ☐ *GRE MATHEMATICS SUBJECT EXAM (PASSING SCORE 515)*
   DATE TAKEN: _____ SCORE: _____

5. MULTIVARIABLE CALCULUS
   ☐   *UNIVERSITY COURSE*
   UNIVERSITY: _____ COURSE CODE: _____
   COURSE NAME: _____ SEMESTER/YEAR: _____ GRADE: ___
   ☐   *COLLEGE DEGREE*
   MAJOR IN MATHEMATICS (OR RELATED FIELD)
   UNIVERSITY: _____ DEGREE EARNED: _____
   YEAR: _____
   ☐   *GRE MATHEMATICS SUBJECT EXAM (PASSING SCORE 515)*
   DATE TAKEN: _____ SCORE: _____

6. LINEAR ALGEBRA
   ☐   *UNIVERSITY COURSE*
   UNIVERSITY: _____ COURSE CODE: _____
   COURSE NAME: _____ SEMESTER/YEAR: _____ GRADE: ___
   ☐   *COLLEGE DEGREE*
   MAJOR IN MATHEMATICS (OR RELATED FIELD)
   UNIVERSITY: _____ DEGREE EARNED: _____
   YEAR: _____
   ☐   *GRE MATHEMATICS SUBJECT EXAM (PASSING SCORE 515)*
   DATE TAKEN: _____ SCORE: _____

7. NON-INTRODUCTORY STATISTICS OR NON-INTRODUCTORY PROBABILITY AND
   STATISTICS OR STATISTICS AND PROBABILITY FOR SECONDARY MATHEMATICS
   TEACHERS
   ☐   *UNIVERSITY COURSE*
   UNIVERSITY: _____ COURSE CODE: _____
   COURSE NAME: _____ SEMESTER/YEAR: _____ GRADE: ___
   ☐   *COLLEGE DEGREE*
   MAJOR IN MATHEMATICS (OR RELATED FIELD)
   UNIVERSITY: _____ DEGREE EARNED: _____
   YEAR: _____
   ☐   *GRE MATHEMATICS SUBJECT EXAM (PASSING SCORE 515)*
   DATE TAKEN: _____ SCORE: _____

8. ADVANCED CALCULUS OR INTRODUCTION TO ANALYSIS
   ☐   *UNIVERSITY COURSE*
   UNIVERSITY: _____ COURSE CODE: _____
   COURSE NAME: _____ SEMESTER/YEAR: _____ GRADE: ___
   ☐   *COLLEGE DEGREE*
   MAJOR IN MATHEMATICS (OR RELATED FIELD)
   UNIVERSITY: _____ DEGREE EARNED: _____
   YEAR: _____
   ☐   *GRE MATHEMATICS SUBJECT EXAM (PASSING SCORE 515)*
   DATE TAKEN: _____ SCORE: _____

9. EUCLIDEAN AND NON-EUCLIDEAN GEOMETRY OR GEOMETRY FOR SECONDARY MATHEMATICS TEACHING
    ☐ *UNIVERSITY COURSE*
    UNIVERSITY: _____ COURSE CODE: _____
    COURSE NAME: _____ SEMESTER/YEAR: _____ GRADE: ___
    ☐ *COLLEGE DEGREE*
    MAJOR IN MATHEMATICS (OR RELATED FIELD)
    UNIVERSITY: _____ DEGREE EARNED: _____
    YEAR: _____
    ☐ *GRE MATHEMATICS SUBJECT EXAM (PASSING SCORE 515)*
    DATE TAKEN: _____ SCORE: _____

10. DIFFERENTIAL EQUATIONS OR MATHEMATICAL MODELING
    ☐ *UNIVERSITY COURSE*
    UNIVERSITY: _____ COURSE CODE: _____
    COURSE NAME: _____ SEMESTER/YEAR: _____ GRADE: ___
    ☐ *COLLEGE DEGREE*
    MAJOR IN MATHEMATICS (OR RELATED FIELD)
    UNIVERSITY: _____ DEGREE EARNED: _____
    YEAR: _____
    ☐ *GRE MATHEMATICS SUBJECT EXAM (PASSING SCORE 515)*
    DATE TAKEN: _____ SCORE: _____

11. ADDITIONAL MATHEMATICS COURSES
    Choose from: History of Mathematics, Discrete Mathematics, Geometry, Introduction to Proof, Computer Programming, Advanced Probability, Data Science, Advanced Statistics, Abstract Algebra, OR Mathematical Modeling
    ☐ *UNIVERSITY COURSE*
    UNIVERSITY: _____ COURSE CODE: _____
    COURSE NAME: _____ SEMESTER/YEAR: _____ GRADE: ___
    ☐ *COLLEGE DEGREE*
    MAJOR IN MATHEMATICS (OR RELATED FIELD)
    UNIVERSITY: _____ DEGREE EARNED: _____
    YEAR: _____
    ☐ *GRE MATHEMATICS SUBJECT EXAM (PASSING SCORE 515)*
    DATE TAKEN: _____ SCORE: _____

Area #2: Secondary Mathematics Dispositions, Skills, and Pedagogy (P.1-4, D.1-5, S.1-6)

1. ALGEBRA FOR SECONDARY MATHEMATICS TEACHING
   ☐ *UNIVERSITY COURSE*
   UNIVERSITY: _____ COURSE CODE: _____
   COURSE NAME: _____ SEMESTER/YEAR: _____ GRADE: ____
   ☐ *COLLEGE DEGREE*
   MAJOR IN MATHEMATICS EDUCATION
   UNIVERSITY: _____ DEGREE EARNED: _____
   YEAR: _____
   ☐ *ADOLESCENCE & YOUNG ADULTHOOD NATIONAL BOARD CERTIFIED TEACHER (AYA NBCT MATH)*
   YEAR COMPLETED: _____
   ☐ *PRESIDENTIAL AWARD FOR EXCELLENCE IN MATHEMATICS AND SCIENCE TEACHING*
   FINALIST OR AWARDEE: _____ YEAR: _____
   ☐ *ALGEBRA FOR SECONDARY MATHEMATICS TEACHING MICROCREDENTIAL STACK (A SET OF SIX MICROCREDENTIALS)*
   MONTH/YEAR POSTED IN MIDAS: _____

2. GEOMETRY FOR SECONDARY MATHEMATICS TEACHING
   ☐ *UNIVERSITY COURSE*
   UNIVERSITY: _____ COURSE CODE: _____
   COURSE NAME: _____ SEMESTER/YEAR: _____ GRADE: ____
   ☐ *COLLEGE DEGREE*
   MAJOR IN MATHEMATICS EDUCATION
   UNIVERSITY: _____ DEGREE EARNED: _____
   YEAR: _____
   ☐ *ADOLESCENCE & YOUNG ADULTHOOD NATIONAL BOARD CERTIFIED TEACHER (AYA NBCT MATH)*
   YEAR COMPLETED: _____
   ☐ *PRESIDENTIAL AWARD FOR EXCELLENCE IN MATHEMATICS AND SCIENCE TEACHING*
   FINALIST OR AWARDEE: _____ YEAR: _____
   ☐ *GEOMETRY FOR SECONDARY MATHEMATICS TEACHING MICROCREDENTIAL STACK (A SET OF SIX MICROCREDENTIALS)*
   MONTH/YEAR POSTED IN MIDAS: _____

3. STATISTICS AND PROBABILITY FOR SECONDARY MATHEMATICS TEACHING
   ☐   *UNIVERSITY COURSE*
   UNIVERSITY: _____ COURSE CODE: _____
   COURSE NAME: _____ SEMESTER/YEAR: _____ GRADE: ____
   ☐   *COLLEGE DEGREE*
   MAJOR IN MATHEMATICS EDUCATION
   UNIVERSITY: _____ DEGREE EARNED: _____
   YEAR: _____
   ☐   *[ADOLESCENCE & YOUNG ADULTHOOD NATIONAL BOARD CERTIFIED TEACHER](#) (AYA NBCT MATH)*
   YEAR COMPLETED: _____
   ☐   *[PRESIDENTIAL AWARD FOR EXCELLENCE IN MATHEMATICS AND SCIENCE TEACHING](#)*
   FINALIST OR AWARDEE: _____ YEAR: _____
   ☐   *[STATISTICS AND PROBABILITY FOR SECONDARY MATHEMATICS TEACHING MICROCREDENTIAL STACK](#) (A SET OF SIX MICROCREDENTIALS)*
   MONTH/YEAR POSTED IN MIDAS: _____

4. SECONDARY MATHEMATICS TEACHING METHODS
   ☐   *UNIVERSITY COURSE*
   UNIVERSITY: _____ COURSE CODE: _____
   COURSE NAME: _____ SEMESTER/YEAR: _____ GRADE: ____
   ☐   *COLLEGE DEGREE*
   MAJOR IN MATHEMATICS EDUCATION
   UNIVERSITY: _____ DEGREE EARNED: _____
   YEAR: _____
   ☐   *[ADOLESCENCE & YOUNG ADULTHOOD NATIONAL BOARD CERTIFIED TEACHER](#) (AYA NBCT MATH)*
   YEAR COMPLETED: _____
   ☐   *[EXPERIENCE](#) (3+ YEARS OF EXPERIENCE TEACHING SECONDARY MATHEMATICS)*
   SUBJECT(S) TAUGHT: _____
   ☐   *[PRESIDENTIAL AWARD FOR EXCELLENCE IN MATHEMATICS AND SCIENCE TEACHING](#)*
   FINALIST OR AWARDEE: _____ YEAR: _____
   ☐   *[SECONDARY MATHEMATICS METHODS MICROCREDENTIAL STACK](#) (A SET OF SIX MICROCREDENTIALS)*
   MONTH/YEAR POSTED IN MIDAS: _____

INSTRUCTIONS FOR COMPLETING THE APPLICATION

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