

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 <u>53E-10-301</u>).

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 FIEL	D).	
UNIVERSITY:	DEGREE EARNED:	
YEAR:		
GRE MATHEMATICS SUBJECT EXAM	(PASSING SCORE 515)	
DATE TAKEN:	SCORE:	

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 FIEL	D)	
UNIVERSITY:	DEGREE EARNED:	
YEAR:		
GRE MATHEMATICS SUBJECT EXAM	(PASSING SCORE 515)	
DATE TAKEN:	SCORE:	
CALCULUS I OR CALCULUS FOR SECON	DARY MATHEMATICS TEA	CHERS OR

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 FIE	LD)	
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 FIEL	D)
UNIVERSITY:	DEGREE EARNED:
YEAR:	
GRE MATHEMATICS SUBJECT EXAM (PASSING SCORE 515)
DATE TAKEN:	SCORE:

5.	MULTIVARIABLE CALCULUS		
	□ UNIVERSITY COURSE		
	UNIVERSITY:	COURSE CODE:	
		SEMESTER/YEAR:	
	COLLEGE DEGREE		
	MAJOR IN MATHEMATICS (OR RELA	ATED FIELD)	
	UNIVERSITY:	DEGREE EARNED:	
	YEAR:		
	□ GRE MATHEMATICS SUBJE	CT EXAM (PASSING SCORE 515)	
	DATE TAKEN:	SCORE:	
6.	LINEAR ALGEBRA		
	□ UNIVERSITY COURSE		
	UNIVERSITY:	COURSE CODE:	
		SEMESTER/YEAR:	
	□ COLLEGE DEGREE		
	MAJOR IN MATHEMATICS (OR RELA	ATED FIELD)	
	UNIVERSITY:	DEGREE EARNED:	
	YEAR:		
	□ GRE MATHEMATICS SUBJE	CT EXAM (PASSING SCORE 515)	
	DATE TAKEN:	SCORE:	
7.	NON-INTRODUCTORY STATIST		
		D PROBABILITY FOR SECONDAR	-
	STATISTICS OR STATISTICS AND TEACHERS	O PROBABILITY FOR SECONDAR	RY MATHEMATICS
	STATISTICS OR STATISTICS AND TEACHERS UNIVERSITY COURSE UNIVERSITY:		RY MATHEMATICS
	STATISTICS OR STATISTICS AND TEACHERS UNIVERSITY COURSE UNIVERSITY:	O PROBABILITY FOR SECONDAR	RY MATHEMATICS
	STATISTICS OR STATISTICS AND TEACHERS UNIVERSITY COURSE UNIVERSITY: COURSE NAME:	O PROBABILITY FOR SECONDAR	RY MATHEMATICS
	STATISTICS OR STATISTICS AND TEACHERS UNIVERSITY COURSE UNIVERSITY: COURSE NAME: COURSE NAME: COLLEGE DEGREE MAJOR IN MATHEMATICS (OR RELA	O PROBABILITY FOR SECONDAR	RY MATHEMATICS
	STATISTICS OR STATISTICS AND TEACHERS UNIVERSITY COURSE UNIVERSITY: COURSE NAME: COURSE NAME: COLLEGE DEGREE MAJOR IN MATHEMATICS (OR RELA	O PROBABILITY FOR SECONDAR COURSE CODE: SEMESTER/YEAR:	RY MATHEMATICS
	STATISTICS OR STATISTICS AND TEACHERS UNIVERSITY COURSE UNIVERSITY: COURSE NAME: COURSE NAME: COURSE NAME: COLLEGE DEGREE MAJOR IN MATHEMATICS (OR RELA UNIVERSITY: YEAR: GRE MATHEMATICS SUBJECT	D PROBABILITY FOR SECONDAR COURSE CODE: SEMESTER/YEAR: ATED FIELD) DEGREE EARNED: CT EXAM (PASSING SCORE 515)	RY MATHEMATICS
	STATISTICS OR STATISTICS AND TEACHERS UNIVERSITY COURSE UNIVERSITY: COURSE NAME: COURSE NAME: COURSE NAME: COLLEGE DEGREE MAJOR IN MATHEMATICS (OR RELA UNIVERSITY: YEAR: GRE MATHEMATICS SUBJECT	O PROBABILITY FOR SECONDAR COURSE CODE: SEMESTER/YEAR: ATED FIELD) DEGREE EARNED:	RY MATHEMATICS
8.	STATISTICS OR STATISTICS AND TEACHERS UNIVERSITY COURSE UNIVERSITY: COURSE NAME: COURSE NAME: COURSE NAME: COLLEGE DEGREE MAJOR IN MATHEMATICS (OR RELA UNIVERSITY: YEAR: GRE MATHEMATICS SUBJECT	O PROBABILITY FOR SECONDAR COURSE CODE: ATED FIELD) DEGREE EARNED: CT EXAM (PASSING SCORE 515) SCORE:	RY MATHEMATICS
8.	STATISTICS OR STATISTICS AND TEACHERS UNIVERSITY COURSE UNIVERSITY: COURSE NAME: COURSE NAME: AJVANCED CALCULUS OR INT COURSE NAME: ADVANCED CALCULUS OR INT UNIVERSITY: COURSE NAME: COURSE NAME: _	D PROBABILITY FOR SECONDAR COURSE CODE: SEMESTER/YEAR: ATED FIELD) DEGREE EARNED: CT EXAM (PASSING SCORE 515) SCORE: RODUCTION TO ANALYSIS COURSE CODE:	RY MATHEMATICS
8.	STATISTICS OR STATISTICS AND TEACHERS UNIVERSITY COURSE UNIVERSITY: COURSE NAME: COURSE NAME: AJVANCED CALCULUS OR INT COURSE NAME: ADVANCED CALCULUS OR INT UNIVERSITY: COURSE NAME: COURSE NAME: _	D PROBABILITY FOR SECONDAR COURSE CODE: SEMESTER/YEAR: ATED FIELD) DEGREE EARNED: CT EXAM (PASSING SCORE 515) SCORE: RODUCTION TO ANALYSIS	RY MATHEMATICS
8.	STATISTICS OR STATISTICS AND TEACHERS UNIVERSITY COURSE UNIVERSITY: COURSE NAME: COURSE NAME: AJVANCED CALCULUS OR INT COURSE NAME: ADVANCED CALCULUS OR INT UNIVERSITY: COURSE NAME: COURSE NAME: _	D PROBABILITY FOR SECONDAR COURSE CODE: SEMESTER/YEAR: ATED FIELD) DEGREE EARNED: CT EXAM (PASSING SCORE 515) SCORE: RODUCTION TO ANALYSIS COURSE CODE:	RY MATHEMATICS
8.	STATISTICS OR STATISTICS AND TEACHERS UNIVERSITY COURSE UNIVERSITY: COURSE NAME: COURSE NAME: COLLEGE DEGREE MAJOR IN MATHEMATICS (OR REL/ UNIVERSITY: YEAR: GRE MATHEMATICS SUBJEC DATE TAKEN: ADVANCED CALCULUS OR INT UNIVERSITY COURSE UNIVERSITY: COURSE NAME:	D PROBABILITY FOR SECONDAR COURSE CODE: SEMESTER/YEAR: ATED FIELD) DEGREE EARNED: CT EXAM (PASSING SCORE 515) SCORE: RODUCTION TO ANALYSIS COURSE CODE: SEMESTER/YEAR:	RY MATHEMATICS
8.	STATISTICS OR STATISTICS AND TEACHERS UNIVERSITY COURSE UNIVERSITY: COURSE NAME: COURSE NAME: COURSE NAME: YEAR: YEAR: GRE MATHEMATICS (OR RELATION DATE TAKEN: ADVANCED CALCULUS OR INT UNIVERSITY: ADVANCED CALCULUS OR INT UNIVERSITY: COURSE NAME: COURSE NAME: _	COURSE CODE: COURSE CODE: SEMESTER/YEAR: ATED FIELD) CT EXAM (PASSING SCORE 515) CT EXAM (PASSING SCORE 515) COURSE CODE: COURSE CODE: COURSE CODE: ATED FIELD) DEGREE EARNED:	GRADE:

GRE MATHEMATICS SUBJECT EXAM (PASSING SCORE 515) SCORE: _

DATE TAKEN: _____

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 (F	PASSING SCORE 515)	
DATE TAKEN:	SCORE:	

10. DIFFERENTIAL EQUATIONS OR MATHEMATICAL MODELING

UNIVERSITY:	COURSE CODE:	
COURSE NAME:	SEMESTER/YEAR:	_ GRADE:
□ COLLEGE DEGREE		
MAJOR IN MATHEMATICS (OR RELATED FIEL	D)	
UNIVERSITY:	DEGREE EARNED:	
YEAR:		
□ GRE MATHEMATICS SUBJECT EXAM (PASSING SCORE 515)	
DATE TAKEN:	SCORE:	

11. ADDITIONAL MATHEMATICS COURSES

Choose from: History of Mathematics, Di	screte Mathematics, Geometry,	
Introduction to Proof, Computer Programming, Advanced Probability, Data Science,		
Advanced Statistics, Abstract Algebra, OF	R Mathematical Modeling	
□ UNIVERSITY COURSE		
UNIVERSITY:	COURSE CODE:	
COURSE NAME:	SEMESTER/YEAR: GRADE:	
□ COLLEGE DEGREE		
MAJOR IN MATHEMATICS (OR RELATED FIELD	D)	
UNIVERSITY:	DEGREE EARNED:	
YEAR:		
□ GRE MATHEMATICS SUBJECT EXAM (PASSING SCORE 515)	
DATE TAKEN:	SCORE:	

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

1.	ALGEBRA FOR SECONDARY MATHEN	IATICS TEACHING		
	UNIVERSITY COURSE			
	UNIVERSITY:	COURSE CODE:		
	COURSE NAME:			
	COLLEGE DEGREE			
	MAJOR IN MATHEMATICS EDUCATION			
	UNIVERSITY:	DEGREE EARNED:		
	YEAR:			
	ADOLESCENCE & YOUNG ADULT	HOOD NATIONAL BOARD	<u>CERTIFIED TEACHER</u> (AYA	
	NBCT MATH)			
	YEAR COMPLETED:			
	PRESIDENTIAL AWARD FOR EXCEN	LLENCE IN MATHEMATICS	<u>AND SCIENCE</u>	
	<u>TEACHING</u>			
	FINALIST OR AWARDEE:	YEAR:		
	□ <u>ALGEBRA FOR SECONDARY MATH</u>	IEMATICS TEACHING MICK	ROCREDENTIAL STACK (A	
	SET OF SIX MICROCREDENTIALS)			
	MONTH/YEAR POSTED IN MIDAS:			
2.	GEOMETRY FOR SECONDARY MATHI	EMATICS TEACHING		
	□ UNIVERSITY COURSE			
	UNIVERSITY:			
	COURSE NAME:	SEMESTER/YEAR:	GRADE:	
	□ COLLEGE DEGREE			
	MAJOR IN MATHEMATICS EDUCATION			
	UNIVERSITY:	DEGREE EARNED:		
	YEAR:			
	ADOLESCENCE & YOUNG ADULT	HOOD NATIONAL BOARD	<u>CERTIFIED TEACHER</u> (AYA	
	NBCT MATH)			
	YEAR COMPLETED:			
	PRESIDENTIAL AWARD FOR EXCEN	LLENCE IN MATHEMATICS	<u>AND SCIENCE</u>	
	<u>TEACHING</u>			
	FINALIST OR AWARDEE:			
	GEOMETRY FOR SECONDARY MA	THEMATICS TEACHING MI	<u>CROCREDENTIAL STACK</u>	
	(A SET OF SIX MICROCREDENTIALS)			
	MONTH/YEAR POSTED IN MIDAS:			

3.	STATISTICS AND PROBABILITY FOR S	ECONDARY MATHEMAT	ICS TEACHING
	□ UNIVERSITY COURSE		
	UNIVERSITY:	COURSE CODE:	
	COURSE NAME:	SEMESTER/YEAR:	GRADE:
	COLLEGE DEGREE		
	MAJOR IN MATHEMATICS EDUCATION		
	UNIVERSITY:	DEGREE EARNED:	
	YEAR:		
	ADOLESCENCE & YOUNG ADULTH	IOOD NATIONAL BOARD CE	<u>ERTIFIED TEACHER</u> (AYA
	NBCT MATH)		
	YEAR COMPLETED:		
	PRESIDENTIAL AWARD FOR EXCEL	LENCE IN MATHEMATICS A	ND SCIENCE
	<u>TEACHING</u>		
	FINALIST OR AWARDEE:	YEAR:	
	STATISTICS AND PROBABILITY FOR	R SECONDARY MATHEMATI	<u>CS TEACHING</u>
	MICROCREDENTIAL STACK (A SET OF SIX I	MICROCREDENTIALS)	
	MONTH/YEAR POSTED IN MIDAS:		
4.	SECONDARY MATHEMATICS TEACHIN	NG METHODS	
	□ UNIVERSITY COURSE		
	UNIVERSITY:	COURSE CODE:	
	COURSE NAME:		
	COLLEGE DEGREE		
	MAJOR IN MATHEMATICS EDUCATION		
	UNIVERSITY:	DEGREE EARNED:	
	YEAR:		
	ADOLESCENCE & YOUNG ADULTH	IOOD NATIONAL BOARD CE	<u>ERTIFIED TEACHER</u> (AYA
	NBCT MATH)		
	YEAR COMPLETED:		
	EXPERIENCE (3+ YEARS OF EXPERI	 ENCE TEACHING SECONDA	RY MATHEMATICS)
	SUBJECT(S) TAUGHT:		
	PRESIDENTIAL AWARD FOR EXCEL		
	TEACHING		_

____YEAR: ____

FINALIST OR AWARDEE: _____ 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)