

The Math TLC Master’s in Mathematics for Secondary Teachers Program

Printed Application Form

Instructions

This is the printed version of the (preferred) electronic application form. See www.mathtlc.org for a link to the electronic application form.

Information about You

Name: _____

Preferred Email Address: _____

Home Mailing Address: _____

Preferred Phone Number: _____

Information about Your Educational Background

Information about the Degree(s) You Earned

Undergraduate Degree(s) Earned

Degree (e.g., BS)	Year	Major(s)	Institution

Graduate Degree(s) Earned

Degree (e.g., MA)	Year	Major(s)	Institution

Information about Your Mathematics Background

Our expectation for math content preparation is that participants will have completed at least 30 semester credits of undergraduate mathematics courses at the calculus level or above. Please compile from your transcripts and list in the table below information about all the math courses you have taken at the undergraduate and graduate levels. Also, please determine your grade point average of the mathematical sciences courses listed below.

Prefix	Course Number	Course Title	Credit Hours*	Grade
				Grade point average:

*Semester Credit Hour Equivalent

Information about Your Mathematical Sciences Background

Although the program is intended for current secondary mathematics teachers, related coursework in statistics and computer science is often part of this background. Please compile from your transcripts and list in the table below information about all the statistics and computer science courses you have taken at the undergraduate and graduate levels. Also, please determine your grade point average of the courses listed below.

Prefix	Course Number	Course Title	Credit Hours*	Grade
				Grade point average:

*Semester Credit Hour Equivalent

Information about Your Teaching Background

Information about Your Teaching History

How many years have you taught mathematics? _____

How many years have you taught mathematics at the following levels?

_____ years at the elementary level (K-5)

_____ years at the middle school level (6-8)

_____ years at the high school level (9-12)

At which level(s) have you taught for the past five years?

Information about What You Currently Teach

Are you teaching full time? Part time? _____

What percent of your teaching load is mathematics? _____ %

What course(s) and grade level(s) are you currently teaching in 2009-2010?

Information about Your Teaching Credentials

Colorado Teaching License/Endorsements You Currently Hold:

Options include: secondary education (7-12), elementary education (K-6), mathematics endorsement, emergency certification, in the process of obtaining alternative certification, other (specify), none

Wyoming Teaching License/Endorsements You Currently Hold:

Options include: secondary mathematics (6-12), middle level mathematics (5-8), elementary teacher (K-6), emergency certification, in the process of obtaining alternative certification, other (specify), none

Information about the School and School District Where You Currently Teach

Information about Your Position within the School District

Your School District: _____

Your School: _____

Principal's Name: _____

School Phone Number: _____

School Address: _____

Years in Your District: _____ years

Years in Your School: _____ years

Your Total Years Teaching: _____ years

Information about Your School's Demographics/Disaggregated Groups

Ethnicity:

_____ % American Indian or Alaskan Native

_____ % Asian or Pacific Islander

_____ % Black

_____ % Hispanic/Latino

_____ % White

Gender:

_____ % Female

_____ % Male

Additional Information:

_____ % Economically Disadvantaged/Free and Reduced Lunch

_____ % English Language Learners

_____ % Gifted and Talented

_____ % Migrant

_____ % Students with Disabilities

Other Information about You

List and briefly describe up to 5 mathematics professional development programs in which you have participated.

List any related Honors, Awards, and Professional Associations of which you are a member.

How did you hear about the Math TLC and the Master's in Mathematics for Secondary Mathematics Teachers?

- Website
- School district personnel
- Other (please specify):

Anything else?

Please feel free to add any additional comments or thoughts here about your application.

Essays

Your typed responses to the following three prompts are an important part of the evaluation of your application. Responses should be thoughtful, clear, and reflect who you are as a teacher. Please write a 500-750 word response to each prompt.

Note: Save the responses as one document with page breaks between each prompt and a filename of the form “*LastName-FirstName-MP-Essays.doc*”.

1. Describe your ideal mathematics classroom and how you would structure that class if you had ultimate control. What would a student experience in this class? What would a visitor see if they came to this class?
2. Describe your professional goals, your interest in pursuing a master’s in math, and how that supports your goals. Also describe how one of the goals of the Math TLC (listed below) could support your goals.
3. Describe why you decided to study the field of mathematics and describe yourself as a learner of mathematics.

Math TLC Goals for the Master’s in Mathematics for Secondary Teachers

Upon completion of the master’s degree, teachers will have

- M1: Extended their content knowledge beyond the content they customarily teach to students and what they learned in their undergraduate mathematics courses.
- M2: Developed skills to actively build their pedagogical content knowledge, enabling them to enlarge their repertoire of pedagogical methods, skills and knowledge congruent with *NCTM Principles and Standards for School Mathematics*, the *Colorado Model Content Standards* and the *Wyoming Mathematics Content and Performance Standards*.
- M3: Evaluated and improved their teaching practice by regular engagement in action research projects.
- M4: Developed their knowledge, skills and disposition to effectively teach math in diverse classroom settings.