

**SPRINGFIELD COLLEGE GRADUATE LEVEL INITIAL LICENSURE PROGRAM
SUBJECT MATTER KNOWLEDGE TRANSCRIPT REVIEW
MATHEMATICS**

Candidate's Name

Undergraduate Institution

_____/_____/_____
Date of Graduation

Undergraduate Major

G.P.A.

This form is to be used when reviewing candidates' transcripts who are seeking entrance into the Graduate Level Initial Teaching Licensure Program. The transcript review process allows Springfield College faculty the opportunity to determine whether the student meets the Massachusetts Department of Education subject matter knowledge requirements.

Note: Students must pass all required MTEL tests to be eligible to do a practicum.

THE EFFECTIVE TEACHER OF MATHEMATICS DEMONSTRATES KNOWLEDGE OF:

Subject Matter Knowledge	Documented Courses, Work Experience or Tests	Still needed
Childhood & Adolescent Development		
Algebra		
Euclidean geometry		
Trigonometry		
Discrete/finite mathematics		
Introductory calculus through integration		
History of mathematics		
The following is applicable for grades 8-12 only:		
Abstract algebra		
Number theory		
Calculus through differential equations		
Probability and statistics		
Non-Euclidean and transformational geometries		
Applied mathematics or mathematics modeling		

Comments:

Education Department Advisor

Date: ____/____/____

Arts and Sciences Faculty Reviewer (if necessary)

Date: ____/____/____

Director, Educator Preparation & Licensure

Date: ____/____/____