

**SPRINGFIELD COLLEGE GRADUATE LEVEL INITIAL LICENSURE PROGRAM
SUBJECT MATTER KNOWLEDGE TRANSCRIPT REVIEW
MIDDLE SCHOOL: MATHEMATICS / SCIENCE**

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 GENERAL SCIENCE DEMONSTRATES KNOWLEDGE OF:

Subject Matter Knowledge	Documented Courses, Work Experience or Tests	Still needed
Childhood & Adolescent Development		
Intermediate knowledge of biology, chemistry, physics, earth/space science, and related mathematics		
History and philosophy of science		
Methods of research in the sciences, including laboratory techniques and the use of computers		
Algebra		
Euclidean geometry		
Trigonometry		
Discrete/finite mathematics		
Introductory calculus through integration		
History of mathematics		
Reading theory, research, and practice at the middle school level		

Comments:

Education Department Advisor

Date: ____/____/____

Arts and Sciences Faculty Reviewer (if necessary)

Date: ____/____/____

Director, Educator Preparation & Licensure

Date: ____/____/____