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:

_____ Date:_____/_____/_____
Education Department Advisor

_____ Date: _____/_____/_____
Arts and Sciences Faculty Reviewer (if necessary)

_____ Date:_____/_____/_____
Director, Educator Preparation & Licensure