

TECP 84C : Practicum and Methods for Teaching Middle/Secondary School Mathematics

Prepares prospective teachers for teaching mathematics at the middle/secondary school level. Developmentally appropriate content, strategies, and methods of instruction will be discussed with emphasis on the implementation in the teaching placement. This course also requires placement in an educational setting appropriate for the intended certification area. Students work toward mastery of attitudes, techniques, and professional practices for successful teaching. A college supervisor and a field-based professional provide supervision. This course addresses specific N.H. state standards for certification in the following content areas: Mathematics grades 5-8 and mathematics grades 7-12 and Professional Education Standards (N.H. Standard Ed 610).

Credits 7

Lab/Practicum/Clinical Hours 15

Lecture Hours 2

Prerequisites

Completion of previous coursework in TECP and permission of TECP director.

Learning Outcomes

- Demonstrate strategies used to make mathematics accessible to students.
- Support students in learning to read, write, and use academic language in mathematics.
- Analyze the strategies used to connect students with the mathematics content.
- Examine the effects of one's instructional design and teaching practices on student learning with attention to students' diverse cultural, language and socio-economic backgrounds and learning needs.