

TECP80C : Methods/Student Teaching for Middle/Secondary School Mathematics

Prepares prospective teachers with the methods 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 student teaching placement. This course requires a full-time placement in an educational setting appropriate for the intended certification area. Students work toward mastery of attitudes, techniques, and professional practice for successful teaching. Supervision is provided by a college supervisor and a field-based professional. This course addresses specific N.H. state standards for certification in the following content areas: Mathematics 5-8 and Secondary Mathematics 7-12 and Professional Education Standards (N.H. Standard Ed 610).

Credits 12

Lab/Practicum/Clinical Hours 30

Lecture Hours 2

Prerequisites

Students are required to pass prerequisite courses with a grade of C or higher. Exceptions apply; please consult your department chair.

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 instructional design and teaching practices on student learning with attention to students' diverse cultural, language, and socio-economic backgrounds and learning needs.