



**MED 300 Field Experience: Methods in the Teaching of Secondary School Mathematics (1 credit)**

Instructor: Dr. Jane Ries Cushman  
Phone: 878-6218  
e-mail: [cushmajr@buffalostate.edu](mailto:cushmajr@buffalostate.edu)

Office: 343 Bishop Hall  
Office Hours: M, W: 10 - Noon, or by appt.  
Web: [math.buffalostate.edu/~jcushman/](http://math.buffalostate.edu/~jcushman/)

**Co-requisite: MED 308**

**Course Description:**

Supervised field experience at the middle and/or high school level. Emphasis on classroom implementation of knowledge, understanding, and practice consistent with state and national mathematics teaching standards discussed in MED 308.

**Course Objectives:**

- To provide the knowledge, skills, and attitudes necessary for entry into student teaching
- To offer prospective secondary mathematics student teachers an earlier opportunity to find out some of the details of teaching.
- To allow incubation time for teaching ideas, before entry into the professional semester

**Student Outcomes:**

1. Students will develop abilities to be reflective, self-critical educational practitioners.
2. Students will apply specific pedagogical strategies to address specific student needs and specific content difficulties.
3. Students will demonstrate knowledge of NYS and NCTM Mathematics Standards for grades 7-12
4. Students will integrate content knowledge and pedagogical knowledge in the development of lessons

**Attendance:** You are expected to attend **every** class. Since this is a preparatory course for your professional practice experience, it is expected that you will respond professionally and strive for unblemished attendance. Absences from the field experience must be made up since this is a requirement for your teaching certification. Unfortunately, your journal entry for that day cannot be made up for full credit.

**Grading Policy:** Final grades will be calculated based upon the following criteria:

Lesson Development	30%
Teaching and Attendance	40%
Portfolio and Journal	<u>30%</u>
	100%

Final Grading System:

	B+: 87 – 89	C+ 77 – 79	D+ : 67 - 69
A: 95 - 100	B: 83 – 86	C: 73 – 76	D: 60 - 66
A-: 90 – 94	B-: 80 – 82	C-: 70 – 72	E : Below 60

**Lessons:** All lessons must be submitted for review prior to classroom presentation. They must adhere to the format presented in class and be completed on a word processor.

**Teaching:** Teaching will be assessed based on the teacher observation form presented in class.

**Portfolio and Journal:** A portfolio of your representative work and a journal documenting your experiences and reflections on your field experience will be required. The portfolio and journal will be assessed based on the criteria presented in class and the rubric provided separately.

**Academic Integrity:** *The University has a responsibility to promote academic honesty and integrity and to develop procedures to deal effectively with instances of academic dishonesty. Students are responsible for the honest completion and representation of their work, for the appropriate citation of sources, and for respect for others' academic endeavors.\*\* By placing their name on academic work, students certify the originality of all work not otherwise identified by appropriate acknowledgments.*

No credit shall be awarded in situations where it has been determined that this policy has not been followed.

\*\* Adapted from the University of Wisconsin's *Student Disciplinary Guidelines*.

**Statement on Students with Disabilities:** If you have a diagnosed physical disability, learning disability, or psychological disability which will make it difficult for you to carry out the course work outlined above or which requires accommodations such as assistance from note takers and/or readers, extended time on assignments, and so on, please advise the instructor during the first week of the course and contact the Office of Special Services for Students with Disabilities (878-4500) to discuss possible arrangements for reasonable accommodations.

**Classroom Etiquette:** Please turn off all cell phones so as not to interrupt the environment in the classroom. Similarly, you are expected to arrive on time for every class.