

#	Requirements	Buffalo State Assessment	Course	When Assessed?
1	Content based licensure assessment	CST	NYSTCE exam (after med307)	Students take this exam when ready –it is given each semester
2	Content knowledge in secondary mathematics	Course Grades	Courses: 9 MAT and 3 MED: MAT161: Calculus I MAT162: Calculus II MAT202: Introduction to Linear Algebra MAT263: Calculus III MAT270: Discrete Mathematics I MAT300: Techniques of Proof MAT301: Fundamentals of Abstract Algebra MAT322: Modern Geometry MAT325: Probability and Statistics MED200: Foundations of Teaching Mathematics 7-12 and Field Experience MED307: Uses of Technology in the Teaching of Mathematics MED383: Learning and Teaching Problem Solving	Each of these courses are taught every semester (Fall, Spring). The data is collected on each student as they enter MED 300/308
3	Candidate ability to plan instruction	Portfolio Project part 1: Lesson Plan Cycle <ul style="list-style-type: none"> <li>○ Lesson plan(s) and associated documentation</li> <li>○ Video clip (not to exceed 10 minutes must be continuous)</li> <li>○ Critical Reflection referencing design and implementation video</li> <li>○ Justification Reflection in support of chosen materials</li> <li>○ Assessment plan including brief descriptions and associated documents</li> </ul>	MED300	Every semester
4	Student teaching	Student teaching evaluation rubric	MED407/8	Every semester
5	Candidate effect on student learning	Portfolio Project part 2: Assessment Cycle <ul style="list-style-type: none"> <li>○ Learning Outcomes</li> <li>○ Formative Assessment with Narrative</li> <li>○ Summative Assessment with Narrative</li> <li>○ Three scored assessments for students who demonstrate varying ability levels with associated feedback</li> <li>○ Summary Statistics</li> <li>○ Summary Statistics Reflection</li> </ul>	MED300	Every semester
6	Content knowledge in secondary mathematics	Content Test based on TIMSS	MED200	Every semester

