

## Math Department Minimum Standards for RSI

**Assurance of Regularity.** In online math classes, as in onsite classes, instructors and students are in a (virtual) classroom and regular and substantive instruction and interactions will occur. Your math class will have a minimum of 12 instructor-initiated RSI activities, distributed throughout the term.

**Core RSI Activities.** The types of assignments or activities that provide RSI are academic in nature rather than administrative. Core RSI activities involve the entire class, either as a group (such as a discussion) or involve individual students receiving personalized feedback (from the instructor as opposed to a computer). The goal is to require students to explain their thinking, justify their answers, demonstrate content knowledge, critique the reasoning of others and communicate mathematically, just as we do in the classroom. The instructor should assign and participate in activities that promote authentic collaboration and increase student-to-student interaction; encourage critical thinking; highlight important points; determine how well students are or are not learning the material; question students about their understanding or ask them to clarify remarks they have made or expand upon certain ideas; to clear misconceptions/misunderstandings; and provide direct instruction if students appear to be struggling or need help.

**Volume, Type and Response Time for RSI:** Instructor participation will take place in a timely manner and on a regular basis, throughout the semester, equal to the minimum 20% of the total number of student posts or personalized feedback on an assignment. Instructor responses will be posted preferably within 48 hours but at most 72 hours not including weekends or holidays. Some forms of substantive responses might include:

- Providing guidance or answering a student question relating to content
- Correcting a student error in fact or theory related to content
- Requesting confirmation or feedback that the student understands the content
- Asking following up questions to redirect the conversation to areas that haven't been covered or to more deeply explore a topic
- Giving additional information or explanation which helps further student understanding of the content
- Providing personalized comments on quizzes, exams and other assessments