

**Committee on Instruction Five Year Course Review
Mathematics**

Courses in Mathematics undergo comprehensive reviews by the Faculty Senate Committee on Instruction in Spring of years ending in 0 or 5. The comprehensive review serves as justification for a course's continued inclusion in the General Education Core curriculum. A course review packet consists of (1) this completed form and (2) a copy of the most recent syllabus for this course. Once you have assembled the review packet, submit the packet to the current Chair of the Faculty Senate Committee on Instruction and to Stephanie Kolitsch (styler@utm.edu). The Faculty Senate web page lists the current committee chairs and committee memberships (see the "Faculty Senate and Committee Memberships" link). Packets are due by January 31 of the review year.

Course: _____ Date Submitted: _____

Department: _____ Contact Person: _____

The tables below list the student learning outcomes for Mathematics. The first table lists outcomes through the 2017-18 academic year. The second table lists the outcomes effective with the 2018-19. In some cases, departments may have chosen to assess the newer outcomes in 2017-18.

For each outcome, indicate whether assessment benchmark(s) have been MET or NOT MET for each of the five previous years. If assessments for an outcome were not conducted during a particular year, indicate so by typing NA.

Outcome (through 2017-18 catalog)	Results from:			
	2014-15	2015-16	2016-17	2017-18 (if applicable)
1. Students will build on (not replicate) the competencies gained through the study of high school mathematics.				
2. Students will use mathematics in problem solving.				
3. Students will use mathematics to solve real-world problems.				
4. Students will connect mathematics to other disciplines.				
5. Students will use technology for mathematical reasoning and problem solving.				
6. Students will apply mathematical and/or basic statistical reasoning to data analysis and graphs.				

Outcome (beginning with 2018-19 catalog)	Results from:	
	2017-18 (if applicable)	2018-19
1. Students will use appropriate notation and vocabulary to communicate mathematics.		
2. Students will use symbolic and numerical methods to perform calculations.		
3. Students will solve problems with real-world applications.		

Summarize any efforts to enhance student learning that have been implemented in this course during this five-year time period. Where feasible, discuss evidence of how these efforts have impacted student learning. (This narrative should not simply be cut-and-pasted from annual assessment reports. Instead, the narrative should represent the cumulative examination of the past five years of annual assessment and should reflect a broader analysis of the longitudinal results of efforts to enhance student learning in this course.)

Attach a copy of the most recent syllabus for this course. Submit the completed review packet to the Chair of the Faculty Senate Committee on Instruction and to Stephanie Kolitsch (styler@utm.edu) by January 31 of the review year.