COMMON SYLLABUS GUIDELINES:
CALCULUS I, CALCULUS II, CALCULUS III, CALCULUS FOR
BUSINESS AND ECONOMICS, CALCULUS FOR THE LIFE SCIENCES

Across the multiple sections of Math 200: Calculus I, Math 201: Calculus II, Math 202:
Calculus III, Math 262: Calculus for Business and Economics, Math 272: Calculus for
the Life Sciences, delivered on-ground, online synchronously, or online asynchronously, all
syllabi must satisfy the following requirements.

(1) General Guidelines

  uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures-
  uaf-syllabus-requirements/

(2) Content

• For Math 200, 201, 202, the textbook adopted by the department for the
calculus sequence must be used. All of the required (non-optional) sections
listed in the department core topics list (http://www.uaf.edu/dms/core/
LarsonEdwardsSyllabi.pdf) must be covered.

• Content covered in Math 262 and Math 272 should reflect the applications-
driven nature of the course.

(3) Types of assessment

• Exams
  – at least two exams during the semester
  – exams must be timed
  – exams must be majority written answer (not multiple choice)
  – exams must be proctored

• Final Exam
  – must be cumulative
  – must be representative (e.g., a final exam for Calculus I should not simply
  consist of “find the derivative” questions)

Date: April 29, 2014.
* The final exam in Math 262 and Math 272 must contain some application-driven word problems
  – worth at least 20% of the final grade

• Other assessed work
  – there must be regular human-graded assessments (i.e., students should be assessed and receive feedback from a person at times other than the exams)
  – there should be human feedback approximately weekly (e.g., not just WebAssign as feedback)
  – must be human feedback prior to the first exam

(4) Contributions of assessments
• Computer-graded assessments (e.g., WebAssign, Aleks) can count for at most 15% of the final grade
• Mid-semester exams must contribute at least 40% of the final grade.
• The final exam must contribute at least 20% of the final grade.
• Regular, non-exam assessments (e.g., quizzes, online homework, written homework) must contribute at least 15% of the final grade.