

**DEPARTMENT OF MATHEMATICAL SCIENCES, UNIVERSITY OF MEMPHIS**  
**MATH 1830 – ELEMENTARY CALCULUS, FALL 2015 SYLLABUS**

1. **Textbook:** *Calculus and its Applications, UofM Custom Edition or*  
1. *Calculus and its Applications* by Bittinger and Ellenbogen 9th ed.
2. **Course materials (VERY IMPORTANT):**  
<https://umdrive.memphis.edu/vnikifrv/1830/>
3. **Description:** Calculus of one real variable related to rational, exponential, and logarithmic functions; derivatives; differentiation; application of derivative; antiderivatives; integration.
4. **Prerequisites:** MATH 1710 or MATH 1730 with a minimum grade of C- or a minimum score of 61 on the ALEKS Math Assessment.
5. **Grading:**  
Four regular tests, of which the worst is ignored                      3X100 = 300 points  
A comprehensive final test    200 points  
The final score = total/5  
90-100                      A  
80-89                      B  
70-79                      C  
60-69                      D  
0-59                      F
6. **Calculator, notes, textbook: permitted on tests.**

**Course outline:**

Aug 25	1.1	Sep 17	2.3	Oct 15	3.1	Nov 10	5.1
Aug 27	1.2	Sep 22	2.4	Oct 20	3.2	Nov 12	5.2
Sep 1	1.3	Sep 24	2.5	Oct 22	3.5	Nov 17	5.3
Sep 3	1.4-1.5	Sep 29	2.7	Oct 27	4.1	Nov 19	5.4
Sep 8	2.1	Oct 1	2.8	Oct 29	4.2	Nov 24	Test 4
Sep 10	2.2	Oct 6	2.9	Nov 3	4.5	Dec 1	Review
Sep 15	Test 1	Oct 8	Test 2	Nov 5	Test 3		

**Comprehensive final test:** 124 Dunn Hall

**Instructor:** Vlado Nikiforov – 361 Dunn Hall, phone 678-3133,  
e-mail: vnikifrv@memphis.edu,  
office hours: TR 12--1 pm.

**NO MAKE UP EXAMS! NO EXTRA CREDIT!**