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

1. **Textbook**   *Calculus and its Applications, UofM Custom Edition* **o**r

     Calculus and its Applications by Bittinger and Ellenbogen 9th ed.

2. **Description:** Calculus of one real variable related to rational, exponential, and logarithmic functions; derivatives; differentiation; application of derivative; antiderivatives; integration.

3. **Prerequisites**: MATH 1710 or MATH 1730 with a minimum grade of C- or a minimum score of 61 on the ALEKS Math Assessment.

4. **Course materials (VERY IMPORTANT):**
     https://umdrive.memphis.edu/vnikifrv/1830/

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**.

7. **Course outline**:

Jan 21	1.1	Feb 16	2.3	Mar 18	3.1	Apr 13	5.1
Jan 26	1.2	Feb 18	2.4	Mar 23	3.2	Apr 15	5.2
Jan 28	1.3	Feb 23	2.5	Mar 25	3.5	Apr 20	5.3
Feb 2	1.4-1.5	Feb 25	2.7	Mar 30	4.1	Apr 22	5.4
Feb 4	2.1	Mar 02	2.8	Apr 01	4.2	Apr 27	5.5
Feb 9	2.2	Mar 04	2.9	Apr 06	4.5	Apr 29	Test 4
Feb 11	Test 1	Mar 16	Test 2	Apr 08	Test 3		

Final test: Dunn Hall 351, May 6, 1:00 - 3:00 p.m.

8. **Instructor:**   Vlado Nikiforov - Dunn Hall 361, phone: 678-3133,

     Office hours: Dunn Hall 361, MW 1:00 – 2:00 p.m.

     e-mail: vnikifrv@memphis.edu

     NO MAKE UP EXAMS!