Math 3705 – Differential Equations **Grading Policy** **Spring 2018**

Classroom & Class Hours: **MWF**: 12:00 – 12:50 p.m. (CRN-21499) **Room:** Lincoln 303

Text: *Fundamentals of Differential Equations and Boundary Value Problems*, 7th edition. Nagle, Saff and Snider. Pearson, 2018.

Course Syllabus: http://mathstat.ysu.edu/ Follow link: Courses and Syllabi (Undergraduate MATH Courses)

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Office hours: MWF: 1:00 – 1:50 p.m.
T: 11:00 – 11:50 a.m.
and by appointment

Attendance: Regular attendance is strongly encouraged. You are responsible for all lecture material, announcements and assignments whether you attend class or not.

Electronic Devices: Use of cell phones and other communication devices are prohibited in class. Calculators may be used on quizzes and test unless prohibited by the instructor in advance.

Homework: Homework problems are listed on a separate page. These or additional homework problems may be assigned in class and collected. **Working these problems is the most useful activities for learning the course material.** The test and quiz problems will be of similar type.

Quizzes and Tests: Tests and quizzes will be given in class, and will be closed book. Make-ups Tests will be allowed only in exceptional cases with a valid written excuse. No make-up quizzes will be permitted. Quiz dates may or may not be announced in advance.

Tentative Test Schedule:

Test 1	between	2/9 – 2/16
Test 2	between	3/16 – 3/23

Final Exam: The Final Exam will be comprehensive, and will be administered on:
Wednesday May 2, 2018 10:30 am – 12:30 pm

Your **Course Grade** will be based on performance in the following:

Quizzes, homework & participation	80 points
Tests (2 at 100 points each)	200 points
Final Exam (comprehensive)	150 points
Maximum Possible Points	430 points

Your **Course Grade** will be assigned on the basis of the total points accumulated during the term according to the following scale:

90 - 100 %	A
80 - 89 %	B
70 - 79 %	C
60 - 69 %	D
below 60 %	F

Any changes or additions to the course syllabus and grading policy will be announced in class.

HOMEWORK PROBLEMS (MATH 3705 - Differential Equations)

Working these problems is the single most useful activity for reinforcing your learning the material. The test and quiz problems will be of similar type. Occasionally, these homework problems may be collected.

Problem Assignments by Section:

Section 1.1 # 1–16
Section 1.2 # 1, 3, 5, 7, 9, 11, 14, 16, 20(a), 23, 28
Section 1.3 # 1, 3, 5, 7
Section 2.2 # 5, 7, 9, 11, 13, 15, 17, 19, 21,23, 29
Section 2.3 # 2, 4, 6, 7, 9, 11, 13, 15, 17, 19, 21
Section 2.4 # 1, 4, 6, 8, 9, 11, 13, 15, 17, 21, 23, 25
Section 3.4 # 2, 8 <optional>
Section 3.5 # 1, 2 <optional>
Section 4.1 # 5, 9
Section 4.2 # 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21
Section 4.3 # 1, 3, 5, 7, 9, 11, 13, 15, 17, 21, 23, 25, 33(a)(b)
Section 4.4 # 1, 3, 5, 9, 11, 13, 15, 17, 19, 21, 27, 29, 31
Section 4.5 # 3, 7, 9, 15, 17, 21, 23, 29, 31, 33, 35
Section 4.6 # 1, 5, 9, 15, 17
Section 6.1 # 7, 9, 11, 15, 19, 21
Section 6.2 # 1, 5, 9, 13, 15, 19
Section 6.3 # 1, 5, 9, 11, 13, 15, 19, 23
Section 6.4 # 1, 5, 7
Section 7.2 # 1, 5, 9, 13, 15, 21, 27
Section 7.3 # 1, 5, 9, 11, 13, 15, 17, 23, 25
Section 7.4 # 1, 5, 9, 11, 15, 23, 31
Section 7.5 # 1, 5, 11, 15, 19, 25, 29
Section 7.6 # 1, 5, 11, 19, 25
Section 9.1 # 1, 3, 5, 7, 9, 11
Section 9.2 # 1, 3, 5, 7, 11
Section 9.3 # 3, 5, 9, 11, 17, 23, 27, 31, 33, 35, 37
Section 9.4 # 1, 5, 9, 13, 17, 19, 21
Section 9.5 # 3, 9, 13, 15, 19, 31, 33
Section 9.6 # 1, 5, 9, 13, 17, 21(a)(c)
Section 9.7 # 1, 7, 11, 13, 17, 21
Section 10.2 # 1, 5, 9, 13, 15, 19, 23
Section 10.3 # 1, 3, 5, 9, 15, 17, 23
Section 10.4 # 1, 5, 9, 11, 15