

SYLLABUS
MTH 4553/MTS 5053
Winter 2018
MWF 1:20 – 2:27 pm, 376 MSC

Instructor: Dr. Anna Maria Spagnuolo

Office: 345 MSC, (248) 370-4032

Office Hours: MW 9:30-10:20 pm, or by appointment

E-mail: spagnuol@oakland.edu

Prerequisite: MTH 4552 (or equivalent) with grade of at least 2.0.

Course Description: Improper integrals, derivatives and integrals in n-dimensional Euclidean space, implicit and inverse function theorems, differential geometry and vector calculus, and Fourier series. Offered every winter.

Textbook: Advanced Calculus, Second Edition by Patrick M. Fitzpatrick

Exams: There will be 2 in-class exams worth 100 points each and a final exam worth 200 points.

Homework: Homework will be assigned regularly. Some homework problems will be assigned and graded while others will be recommended assignments. Homework is worth 100 total course points.

Final Exam: The final exam will be held on **Monday, April 23 from 3:30 – 6:30 pm.**

Final Grades: Grades earned will be computed based on the following scale: 95% -> 4.0, 90% -> 3.6, 80% -> 3.0, 65% -> 2.0, 50% -> 1.0. A relaxation of this scale might be considered.

Homework Pts	Exam #1	Exam #2	Final Exam	Total Points
100	100	100	200	500

Make-up Policy: No make-up exams will be given (by department policy), unless you miss an exam due to university business. If you miss an exam and have a valid documented excuse, your final exam will be used to calculate the score of the excused exam; otherwise, the missed exam will count as a 0.

Academic Honesty: Cheating is a serious academic offense. Oakland University policy requires that all suspected instances of cheating be reported to the Academic Conduct Committee for adjudication. Anyone found guilty of cheating in this course will receive a course grade of 0.0, in addition to any penalty assigned by the Academic Conduct Committee.

Veteran Support Services: The Office of Veteran Support Services (VSS) is the campus office responsible for supporting student veterans and military families. Through VSS, veterans and their dependents can be connected to campus and community resources to help ensure they are receiving the benefits they have earned. Student veterans and military dependents who wish to learn more about the services afforded to them should contact VSS, by visiting 116 North Foundation Hall, emailing VSS@oakland.edu, by phone at 248-370-2010 or visiting our website at <http://www.oakland.edu/veterans/>.

Important Dates: Important dates can be found on the following web site:
<http://www.oakland.edu/important-dates>