SYLLABUS
MATH 2173 (20181), Engineering Mathematics B
Spring 2016

General information:

- Lectures: MW 12:40pm-1:35pm in 020 Page Hall
  Instructor: Davide Fusi
  Email: fusi.1(AT)math(DOT)osu(DOT)edu or fusi.1(AT)osu(DOT)edu
  Phone: (614) 292 5912
  Office: MW 530
  Office hours: Monday 1:45pm-2:45pm, Tuesday 1:45pm-2:45pm, Wednesday 1:45pm-2:45pm, or by appointment

- Recitations: Th 11:30am-12:25pm/12:40pm-1:35pm/1:50pm-2:45pm in 422 Bolz Hall
  T.A.: Yeongseong Jo
  Email: jo(DOT)59(AT)osu(DOT)edu
  Phone: (614) 292-7648
  Office: MW 222
  Office hours: Tuesday 9:00am-11:00am

- On-line information are available at:

  https://people.math.osu.edu/fusi.1/Math2173.html

  PLEASE CHECK IT REGULARLY: important information may be posted there, including weekly homework assignment.

- Prerequisite: 1172 or 1544 (154). Not open to students with credit for 2153, or for any Math course 2173 or above, or for any quarter-system Math course 254.xx or above.

- Attendance: is required for all classes. Should you miss a class, it is your responsibility to get notes from your classmates.

Course content:


- Material covered: Multiple integrals, line integrals, vector fields, second order ordinary differential equations.

- NOTE: the course webpage contains a course calendar where you will find the material covered each day of class.

Recitation grade:

The recitation grade includes 80 points for quizzes (top 8 of 11 quiz scores), and 70 points for homework.
There will be weekly homework assignments and weekly quizzes.

MyMathLab Online Homework: this course uses the Carmen (http://www.carmen.osu.edu) course management system, in conjunction with the MyMathLab online homework system. You will receive an access code for
MyMathLab when you purchase your textbook. Alternatively, you can choose to buy MyMathLab access only, which includes the electronic version of the book. MyMathLab access is provided as a link through Carmen, and not through the general MyMathLab website. MyMathLab Online Homework: This course uses the Carmen (http://www.carmen.osu.edu) course management system, in conjunction with the MyMathLab online homework system. You will receive an access code for MyMathLab when you purchase your textbook. Alternatively, you can choose to buy MyMathLab access only, which includes the electronic version of the book. MyMathLab access is provided as a link through Carmen, and not through the general MyMathLab website.

Exams:

There will be two midterms, one final exam. Exams are closed books and closed notes.

General policies: attendance at all exams at the scheduled time and place is required. Students must bring their OSU ID to all exams in order for their exams to be properly recorded.

Exams will most likely NOT be held in your regular classroom. Room assignments will be posted on this website, and announced in class a week before each exam. STUDENTS SHOULD NOT MAKE TRAVEL ARRANGEMENTS THAT CONFLICT WITH THE FINAL EXAM. SUCH A CONFLICT IS NOT A VALID REASON FOR MISSING THE REGULARLY SCHEDULED FINAL EXAM.

Make-up policy: Make-ups on midterms will be allowed only with prior notice and only if an emergency occurs. In this case, official documentation or a doctor’s certificate will be required. If you have provided a suitable justification, I will assign to the missing exam the same grade you will get in the final exam. Alternatively, given sufficient notice, I may be willing to reschedule the exam.

Calculator Policy: Calculators are permitted during exams, except those calculators that have symbolic algebra or calculus capabilities, or that have a QWERTY keyboard. In particular, the following calculators (and their upgrades) are not permitted: TI-86, TI-89, TI-92, TI Voyage 200, HP-40, HP-48, HP-49, Casio FX2.0, Casio CFX 9970G. Also, it is not permitted to use higher memory functions on a calculator to store and read formulae during an exam; this is the electronic equivalent of using notes during exams, which is prohibited. Cell phones and web-enabled devices cannot be used as calculators during exams.

Dates of the exams:

- Final: Tuesday May 3 (12:00pm-1:45pm in 020 Page Hall).
- Midterms: Monday February 22 and Monday March 28

Grading policy:

The final grade is cumulative.

Grade distribution: Recitation: 150 points
Midterms 200 points (2 midterms at 100 points each)
Final Exam: 200 points
TOTAL: 550 points

Grade scale: the standard OSU grading scale will be used. This grading scale will not be raised. In borderline cases the Lecturer will consult with the T.A. to decide the grades. Attendance and class participation will be important factors in such decisions.

Additional Help:

Your lecturer and T.A. will have office hours scheduled for individual help. In addition, the MSLC will have tutoring available for Math 2173 students. Please, visit the MSLC website, http://www.mslc.osu.edu, for more information about these services.

Important remarks:
• **Disability Statement:** Students with disabilities that have been certified by the Office for Disability Services will be appropriately accommodated and should inform the instructor as soon as possible of their needs. The Office for Disability Services is located in 150 Pomerene Hall, 1760 Neil Avenue; telephone 292-3307, TDD 292-0901;

http://www.ods.ohio-state.edu/

• **Academic Misconduct Statement:** It is the responsibility of the Committee on Academic Misconduct to investigate or establish procedures for the investigation of all reported cases of student academic misconduct. The term "academic misconduct" includes all forms of student academic misconduct wherever committed; illustrated by, but not limited to, cases of plagiarism and dishonest practices in connection with examinations. Instructors shall report all instances of alleged academic misconduct to the committee (Faculty Rule 3335-5-487). For additional information, see the Code of Student Conduct:

http://studentlife.osu.edu/csc/

**Resources:**

Questions are most welcome during class. For longer questions, you are invited to discuss with me during office hours. If you cannot come during office hours, please write me an email and we will schedule an appointment at a time which is convenient for you.