

SYLLABUS FOR MATH 2020B SP25

ZIQUAN YANG

1. INTRODUCTION

This is a continuation of MATH2010. In MATH2010 differentiation of functions of several variables is covered and now it comes to integration. We will go through double and triple integrals in rectangular and other coordinates, formulas of change of variables, vector analysis, line and surface integrals, Green's, Stokes' and divergence theorems.

2. INSTRUCTOR

- Prof. Ziquan Yang
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3. TEACHING ASSISTANTS

- (1) Dr. Stephen Shang Yi Liu
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- (2) Dr. Mandy Hiu Ying Man
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 - Office Hour: To be added
 - Office: Room 223, Lady Shaw Building

4. TIME AND LOCATIONS

- Lectures: Wednesday 11:30am - 12:15pm at Institute of Chinese Studies L1 and Friday 9:30am - 11:15am at William M W Mong Eng Bldg 407
- Tutorials: Wednesday 12:30pm - 13:15pm at Institute of Chinese Studies L1 and Friday 8:30am - 9:15am at William M W Mong Eng Bldg 407
- You only need to attend one of the two tutorials every week. Note however that due to holidays, there are no Friday tutorials on Apr. 4th and Apr. 18th. On those weeks you need to attend the Wednesday tutorials.
- The first half of the tutorials (Jan. 15th - Feb. 28th) will be led by Stephen and the second half (Mar. 10th - Mar. 16th) by Mandy.

5. EVALUATIONS

- There will be weekly homework assignments due each Monday at midnight. The homework should be submitted through Gradescope, which can be accessed through Blackboard. Late submission will not be accepted but you have two free drops.
- There will be an in-class midterm on Mar. 12th.
- Your final grade will be computed by 10% homework, 40% midterm and 50% final.

6. ACADEMIC INTEGRITY

The Chinese University of Hong Kong places very high importance on honesty in academic work submitted by students, and adopts a policy of zero tolerance on cheating and plagiarism. Any related offence will lead to disciplinary action including termination of studies at the University. Although cases of cheating or plagiarism are rare at the University, everyone should make himself/herself familiar with the content of the following website: <http://www.cuhk.edu.hk/policy/academichonesty/> and thereby help avoid any practice that would not be acceptable.