Announcement of MATH2010D

Welcome to the course MATH2010D!

1) Course information

* Lecturer: Dr. Kai Leung CHAN (LSB 202A, [klchan@math.cuhk.edu.hk](mailto:klchan@math.cuhk.edu.hk))
* Lecture: Tu 2:30pm - 4:15pm@LHC103; Th 1:30pm - 2:15pm@LHC 104
* Tutorial: Tu 4:30pm - 5:15pm@LHC103; Th 12:30pm - 1:15pm@LHC 104

2) Assessment scheme

* Homework (6 sets) and WeBWorK Assignments (3-4 sets) 12%
* Midterm 36%
* Final Examination 52%

3) Course webpage

<https://www.math.cuhk.edu.hk/course/1920/math2010d>

4) MATH2010 midterm

* Date: ~~12 Mar, 2020~~ Time clash with quiz of another course (To be decided)
* Time: 19:00-20:30
* Venue: To be arranged
* Please reserve time.

5) About the course

* Single variable calculus knowledge, such as limits of functions, differentiation, integration, Taylor series and etc. will be **required** in the course.
* Basic knowledge on matrices and determinants will also be necessary.
* This course is compulsory for students major in Mathematics. Therefore, apart from computations, **this course also emphasizes conceptual ideas**.

6) Textbooks and References

* Thomas Kwok-Keung AU, Differential Multivariable Calculus, Asian Customized Edition, McGraw Hill Education
* Thomas, Weir & Hass, Thomas' Calculus, 12th Ed., Pearson
* S. Lang, Calculus of Several Variables, 3th Ed., Springer

Hope you will enjoy the course.

Dr. CHAN Kai Leung  
Department of Mathematics