THE CHINESE UNIVERSITY OF HONG KONG
Department of Mathematics
MATH2040A (First Term, 2022-23)
Linear Algebra II
Homework 2
Due Date: Friday 23th September 2022

All problems are selected from the textbook. You need to <u>hand in</u> your answers to the **Compulsory Part only**. Some of the problems in the Optional Part may be discussed in the tutorials. Submit your answers in a single PDF file **online via Blackboard**. The late submission will not be accepted. Reference solutions to both parts will be provided after grading.

Compulsory Part

Sec. 1.4: 10, 11, 13, 14, 15.

Sec. 1.5: 9, 13, 15.

Optional Part

Sec. 1.4: 1, 4, 5.

Sec. 1.5: 1, 2, 8, 10, 16, 18, 20.