PROBLEMS AND ASSESSMENT

Tutorials

There are eleven sets of tutorial questions.

While these are not compulsory and are not part of the formal assessment, it is difficult to imagine mastering the material without attempting enough exercises. I strongly suggest you attempt at least the tutorial questions. Sample solutions to the tutorial questions will be released during the trimester.

Assignments

There are six assignments.

You must submit your solutions to all of the assignments in order to complete the unit.

The preferred mode of submitting your solutions is by post, hand-written, single-sided and leaving room for comments.

The assignment cover sheets can be obtained from the “Moodle” site.

You may also submit electronically through “Moodle”, but be aware that this does not save any time and has been less reliable than posting solutions.

If you insist on printed solutions, you must use some variant of \TeX, with \LaTeX probably the most convenient.

Attempting the assignments is not only compulsory, it is crucial to mastering the material. They provide you with an opportunity to do mathematics, rather than read mathematics or watch mathematics being done in front of you.

Treat the assignments as (miniature) research projects, ones “with trainer wheels”, because you know that all the questions can be answered using only the material in your lecture notes (together with what you have learnt earlier) and thinking.

By all means discuss the problems with colleagues, look up material in decent mathematics books, work together, etc., but make sure the work you submit is your own. Anyone who provides you with complete solutions is doing you a great disservice.

When you get stuck, contact me for assistance.

The assignments also serve a diagnostic purpose. The errors you make are helpful, for they indicate where you have not yet understood the material. You shall not be “penalised” for committing them.
It would be preferable if the assignments did not count as part of the formal assessment, but UNE’s policies do not allow this. The marking scheme has been designed to ensure that you do not need to worry about “losing marks”.

For each assignment you submit, you will receive a grade of

- **D** if it is “unsatisfactory”,
- **C** if it is “borderline”,
- **B** if it is “sound”, and
- **A** if it is “good”.

If you prefer to think in terms of a mark out of 100, think of a **D** as less than 40, **C** as 40–60, **B** as 60–80 and **A** as more than 80.

At the end of the semester, you will be awarded a mark out of 30 to reflect your overall performance in the assignments.

**Examination**

The examination will be an “open book” examination. You may take in with you five A4 sheets — ten pages if you write on both sides — of hand-written notes. **No** printed notes, **no** photocopied material, **no** scanned material will be allowed into the examination room.

No calculators are permitted in the examination. This is to your advantage, for the moment you think you need a calculator, you know that you are either on the wrong track or have made a mistake.

**Final Assessment**

Your final mark derives from your grades for the assignments and the examination.

Of the 100 marks, 70 are for the examination and 30 for the assignments.

The examination is by far more the more important.

You must pass the examination to pass the course, so that to pass PMTH213, at least 35 marks of your total must come from the examination. You must receive a distinction on the examination to receive a distinction for the course, so that to obtain a distinction in PMTH213, at least 53 marks of your total must come from the examination.

The assignment marks may help you improve your final assessment from a pass to a credit, or a distinction to a high distinction.