

UNIVERSITY OF TECHNOLOGY SYDNEY
School of Mathematical and Physical Sciences

37457 Advanced Bayesian Methods

FINAL EXAMINATION INFORMATION

Spring Semester, 2026

Examination Date and Time

The examination will take place within the time window

2:30pm to 5:00pm Monday 2nd November 2026.

Examination Location

The examination location is Room 430, Level 5, Building 4.

Please note the following about this location:

- The examination room entrance is near the lifts (elevators) entries on Level 5 of Building 4.
- Getting to Room 430 requires entry through glass security doors just south of the lifts area.
- Staff members and students with swipe card access routinely enter and exit these doors. During normal work hours it is anticipated that the waiting time for the doors to be used after your arrival is less than 2 minutes.
- If the swipe card holder questions you (which is unlikely during normal work hours) then please explain that you are entering the doors to attend an examination in Room 430.
- After entering the glass doors then proceed towards a small kitchen on the left. Room 430 is located behind the kitchen and can be reached by turning left just before the kitchen area.
- Your table and sitting position in the examination will be marked with a label containing your name. (Any unclaimed graded assignments will also be on the table.)

Examination Format

The examination has 4 questions of equal value. Each question represents approximately 30 minutes of work. The allowed time for the examination is

10 minutes reading time followed by 2 hours writing time.

Examinable Material

All material covered in the *Graph Theory and Statistics* notes is examinable.

All material covered in the slide presentations is examinable.

The readings corresponding to *Penalized Splines* (Chapter 2 of the 2018 book by Harezlak, Ruppert & Wand) and leave-one-out cross-validation model selection criteria (the journal article by Vehtari, Gelman & Gabry) are not examinable.

Any further clarification can be obtained from Professor Wand at the help session to be held as follows:

Final Examination Help Session
3pm–4pm Friday 30th October 2026 Room 006, Level 7, Building 7

or by e-mailing him (matt.wand@uts.edu.au).

Examination Permitted Items

The following items are permitted to be on your table during in the final examination:

- pens,
- ruler,
- your copy of the *Graph Theory and Statistics* notes (which may have your markings on them).

Booklets for writing your solutions will be provided.

Examination Forbidden Items

The following items are forbidden to be on your table during the final examination:

- calculators (but note that no complicated arithmetic is required),
- laptop computers,
- mobile telephones.

If you bring a mobile telephone to the final examination then please keep it with your other belongings, off the table and switched off.

NOTE: Clocks will be projected to allow participants to keep track of the available time.

