Algebraic Topology (PMH1), Semester 1, 2015

General Information

Lecture Time:
Wednesday and Thursday, 10AM–11AM, Weeks 1–13.

Lecture Room: Carslaw 830.

Instructor: Zhou Zhang (zhangou@maths.usyd.edu.au).
Office: Carslaw 620.

Consultation:
Wednesday 1–2PM, Weeks 1–13;
special arrangement by email.

Assessment

• Assignment: two assignments of 10% each.
  Assigned in Weeks 3 and 9, due in Weeks 5 and 11.

• Take-home Midterm: one in Week 6 or 7 of 20%.

• Final Exam: 60%.

   Inform the instructor at least 2 weeks before the original due
time for any special arrangement.

Course Content

Text: Algebraic Topology, by Allen Hatcher, available at
http://www.math.cornell.edu/~hatcher/AT/ATpage.html
[Chapters 0, 1 (Fundamental Group) and 2 (Homology)]

Other References:
i) Jonathan Hillman’s lecture notes;
ii) Instructor’s lecture notes.
Both available at course website:

[You still need to take in-class notes to fill in gaps.]