

**FINAL EXAM INFO – MATH 6310**  
**FALL 2017**

The exam will be on Tuesday, December 12th, 1-3pm in the usual classroom.

- (1) The first page will be short answer questions.
- (2) The second page will be short answer questions.
- (3) The third page will be on of the problems from the midterm, verbatim.
- (4) The fourth page will be a question involving modules over PIDs and/or Jordan/rational canonical form.
- (5) The final page will be a page either on:
  - (a) exact sequences, including potentially Tor and / Ext, or
  - (b) Sylow theorems and applications.