Instructor.
Federico Ardila
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Meetings.
**bog.** Mondays, Wednesdays, Fridays 4:10-5:00.
**sf.** Mondays, Wednesdays, Fridays 10:10-11:00. Thornton 211.

Office hours.
Mondays 2:00-3:00, Wednesdays 11:00-12:00

Course website.
http://math.sfsu.edu/federico/coxeter.html
You are expected to visit this website often, and participate actively on the online discussion forum, which will be a very useful source of projects. On the website you will find, among others:
• the homework assignments,
• some suggested final projects,
• the lecture notes,
• links to the lecture videos, and
• a link to the online discussion forum.

Textbook.
The following books would be useful but none are required. In order of relevance:
• A. Björner and F. Brenti. Combinatorics of Coxeter groups.
• R. Kane. Reflection groups and invariant theory.
• J. Humphreys. Reflection groups and Coxeter groups.

Prerequisites.
Modern Algebra 1 (SFSU) / Algebra Abstracta 1 (Los Andes).

Grading.
50%: Homework assignments due on 2/6, 2/20, 3/5, 3/19. Due by e-mail. LaTeX preferable.
50%: Final project in pairs due on 5/16. Proposal is due on 4/9. LaTeX mandatory.
10%: Possible bonus for very active and valuable participation in the online forum.
10%: Incentive for projects by a Bogotá and a San Francisco student.