

Network Optimization (Fall 2008) — Homework 2

- AMO stands for the text (Ahuja, Magnanti, and Orlin).
- Exercises and page numbers are listed from AMO.
- Exercises marked with a [G] target the graduate students (Math 566), but undergrads can attempt them for extra credit.
- The total points (given in parentheses) add up to 120. Math 566 students will be graded for 110 points, and Math 466 students for 95 points.
- **This homework is due in class on Thursday, September 11.**

1. (15) AMO 2.5 (page 48).
2. (20) AMO 2.8 (page 49).
3. (20) AMO 2.14 (page 49).
4. (20) AMO 2.31 (b) (page 50).
5. (20) AMO 2.34 (page 50).
6. (25) [G] AMO 2.36 (page 51).