STA 4618 Linear Programming and Game Theory (Yiu) Fall 2010

Website: http://math.fau.edu/Yiu/LPGT2010/LPGT2010.html
Please check the website regularly for updates.
Email: yiu@fau.edu
Office: SE 200.
Office Hours: MW 3:00–3:45 pm.

A course on linear programming and its applications including elementary game theory.


Topics
- Geometric linear programming
- The simplex algorithm
- Noncanonical linear programming problems
- Duality theory
- Matrix games
- Transportation and assignment problems
- Other topics as time permits

Assessment of this course is based on the following.
1. **Final Examination** on December 6, Monday (25%).
2. **Midterm tests** on September 22, October 27, and November 22 (45 %).
3. **Weekly quizzes** on every Wednesday except the first week and the weeks with a midterm test (30%).

Grading Criteria: 90–100 A; 85–89 A-; 80–84 B+; 75–79 B; 70–74 B-; 65–69 C+; 60–64 C; below 60 F.

In compliance with the Americans with Disabilities Act (ADA), students who require special accommodations due to a disability to properly execute coursework must register with the Office for Students with Disabilities (OSD) located in Boca Ration - SU 133 (561-297-388).

Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty, including cheating and plagiarism, is considered a series breach of these ethical standards, because it interferes with the University mission to provide a high quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the University community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see http://www.fau.edu/regulations/chapter4/4/001_Honor_Code.pdf