

SYLLABUS FOR MATH 710-01 (3550)

Weighted Complementarity Problems and Applications

Spring 2017

MoWe 5:30PM - 6:45PM (MP 102)

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Office Hours: MoWe 3:00 PM – 4:00 PM.

COURSE OUTLINE

Equilibrium problems
Complementarity problems
Interior point methods for complementarity problems
Weighted complementarity problems
Interior point methods for weighted complementarity problems
Fisher's competitive market equilibrium model
Solving Fisher's competitive market equilibrium model by interior-point methods

GRADING POLICY

Your grade in this course will be based on class activity, on a project, and on a take home final exam.

Letter grades for the course will be based on your total score(S) which is the average of scores for class activity, project and the final exam:

Score (S)	$85 < S \leq 100$	$75 < S \leq 85$	$65 < S \leq 75$	$50 < S \leq 65$	$0 \leq S \leq 50$
Grade	A	B	C	D	F

By enrolling in this course, each student assumes the responsibilities of an active participant in UMBC's scholarly community in which everyone's academic work and behavior are held to the highest standards of honesty. Cheating, fabrication, plagiarism, and helping others to commit these acts are all forms of academic dishonesty, and they are wrong. Academic misconduct could result in disciplinary action that may include, but is not limited to, suspension or dismissal. To read the full Student Academic Conduct Policy, consult the UMBC Student Handbook, the Faculty Handbook, or the UMBC Policies section of the UMBC Directory.
<http://www.umbc.edu/provost/integrity/faculty.html>