Math 470/470G – Introduction to Operations Research
Fall 2008
Instructor: Di Wu, Ph.D.
Class Times: TR, 12:45 am-2:05 am
Meeting Place: TCCW 0369
Office: TCCW 0337
Office Hours: MTWR 4pm-5pm and other time by appointment. If you want to set up a
different time, please feel free to let me know.
E-mail: di.wu@wku.edu
Phone: 745-7048
Class Materials and Grade Information: Some class materials are posted in
blackboard (http://ecourses.wku.edu/).
Textbook: Introduction to Operations Research (Frederick S Hillier and Gerald J
Prerequisites: MATH 307 or MATH 327.
Course Description: Students will study Operation Research, Mathematical Modeling,
Simplex Methods, Linear Programming and Integer Programming. Students will be able
to use mathematical principles or theories to solve practical problems.
Attendance: Students are expected to attend every class as scheduled. It is your
responsibility to obtain any missed work. Be aware that your punctual attendance is
very essential for your success in this course. Students having more than three
unexcused absences will receive “F”.
Homework: Homework will be given every two weeks. Each homework is worth 50
points. There will be 4 homework sets in the semester.
Exams: There is only one midterm exam that is worth 100 and the Final Exam is worth
150. The midterm exam is on Thursday Oct 23rd 2008 and the final exam is on Tuesday,
Dec 9 2008 from 10:30pm to 12:30pm.
Make-up Policies: Late
homework will NOT be accepted or allowed.
Project and Presentation: Each student will be requested to finish a class project by
the end of the semester and give a presentation on the project.
470G Students: In addition to a presentation, you also need to write up your class
project and submit your report by the day of final exam.
Grading Policy: Your overall grade for this course will be based on 4 homework sets
and the final exam.
Midterm Exam 100points
Final Exam 150 points
4 Homework Sets 200 points
Project and Presentation 100 points
Total 550 points
Study Suggestions: You should always study homework questions in addition to the
lecture. It is always good to preview or review lecture content before or after each class.

Forming study groups is recommended and visiting my office frequently is highly
encouraged.
Cheating & Plagiarism: Cheating or Plagiarism will not be tolerated. If you are caught
in cheating or plagiarism, you will receive an “F” in the course.
Grading Scale:

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<tr>
<th>Grade</th>
<th>Percentage</th>
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<tr>
<td>A</td>
<td>90 – 100%</td>
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<td>B</td>
<td>80 – 89%</td>
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<td>C</td>
<td>70 – 79%</td>
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<td>D</td>
<td>60 – 69%</td>
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<td>F</td>
<td>0 – 59%</td>
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Disabilities Statement: If a student has a disability that qualifies under the Americans with Disabilities Act and Section 504 of the Rehabilitation Act and requires accommodations, he/she must contact the Office for Student Disability Services (OFSDS), located in Garrett Conference Center, Room 101, (270) 745-5004. Please DO NOT request accommodations directly without a letter of accommodation from the Office for Student Disability Services.

Course Schedule: Most Sections in chapter 1-5, 7-8 will be covered in the semester.

This syllabus is subject to future revision.