Math 507X/407X
Course Information and Policies

Updated version(s) (if any) will be posted on the course website when available.

Course website http://orion.math.iastate.edu/lhogben/math507.html
Text: lecture notes and other supplementary material (posted at URL given in class)
Instructor: Leslie Hogben
E-mail: Hogben@aimath.org, LHogben@iastate.edu (when I am traveling the aimath e-mail is more reliable)
Personal web-site http://lhogben.public.iastate.edu/
Telephone: 294-8168 (messages will not be received; e-mail or in person is better)
Office: 488 Carver
Office Hours: MW 10-10:50 AM, F 11-11:50 and by appointment (beginning Aug. 27 and ending Dec. 7; final week OH schedule is different)
Lectures: 9 - 10 AM in Black 1071

Content See separate syllabus, which will be updated as needed.

507 vs. 407 Lectures are the same. 407 homework problems are shorter and usually different from 507 homework problems; 407 problems de-emphasize the more theoretical aspects. Only 1 project is expected for 407 vs. 2 for 507.

Assessment Your grade will be based on 100 point scale 507, 90 point scale 407 (will be converted to % at the end)
6 graded homework assignments (10 points each 507, 10 points each 407)
2 projects for 507, 1 project for 407 (20 points each 507, 30 points 407)
1st project (both 407 and 507) is written and may involve implementation of linear algebra algorithms in software.
2nd project is exploration of a topic of your choice related to the content of 507 that will be presented in class during the last week (there may also be a written component).

Due dates:
Graded homework due at the beginning of class on the day due. Tentative due dates:
Fri Sept 7, Fri Sept 21, Fri Oct 5, Mon Nov 5, Fri Nov 16, Fri Nov. 30 (but may be handed in until 9 A Mon Dec. 3)
1st project: Oct. 31
2nd project (507 only): Dec 3-7.

Your grade will not be worse than that obtained from an 85, 75, 60, 50 scale applied to the above total, and may be better. There is no curve in the traditional sense, in that you are not competing against each other, but against an objective standard- the goal is to have everyone succeed.

In addition to the graded homework, you should work additional problems to aid your understanding.

Collaboration and outside resources You are encouraged to work together, ask me questions, and/or utilize the library or internet, using whatever method helps you learn, except that the following restrictions apply to graded work:
• You should not use outside sources (books, internet, people not involved in this course) for any graded work.
• You may discuss graded homework assignments with other students enrolled in this class and/or with me, but should not take any notes from these discussions. You must write up your own work and I should not be able to determine with whom you discussed it when I read it.
• Your project(s) should be solely your own work, no outside sources or other people except you can consult with me as needed.

Late homework/projects policy All assignments are given well in advance and should be completed several days before due. Assignments (except presentations) may be submitted electronically in advance of the due date (I send e-receipts- if you do not get one check with me). Permission to hand in homework or a project late will require documentation, such as a note from a doctor documenting illness (which must cover a period of 3 days or more).

Disability Information Iowa State University complies with the American with Disabilities Act and Section 504 of the Rehabilitation Act. If a student has a disability that qualifies and requires accommodations, he/she should contact the Disability Resources (DR) office for information on appropriate policies and procedures. DR is located on the main floor of the Student Services Building, Room 1076; their phone is 515-294-6624. Any student who requires an accommodation under such provisions should contact Leslie Hogben privately as soon as possible and no later than the end of the second week of class or as soon as documentation of the need for accommodation is obtained. Contact may be made by e-mail (LHogben@iastate.edu) or in person (office 488 Carver). No retroactive accommodations will be provided in this class.

All audible ringers of cell phones, pagers, etc. must be turned off during class.

Any change to these policies will be announced in class, by e-mail and on WebCT.