Math 307
Course Information and Policies

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

Course web-site
http://orion.math.iastate.edu/lhogben/math307.html

Text

Instructors
Prof. Leslie Hogben
Dr. Andrew Ylvisaker

E-mail
(please put math 307 in subject header)
LHogben@iastate.edu
andrewy@iastate.edu

Instructor general web-sites
http://lhogben.public.iastate.edu/
andrewy.public.iastate.edu

Telephone
294-8168
(messages will not be received; e-mail or in person is better)
294-0027

Office
488 Carver
456 Carver

Office Hours
(these office hours begin Monday Aug. 27 and end Dec. 7; finals week is different)
MW 10-10:50 AM
F 11-11:50 AM
and by appointment
Monday 2:10-3:00
Tuesday 12:10-1:00
Wednesday 1:10-2:00
Thursday 12:10-1:00
Friday 2:10-3:00
and by appointment

Which Instructor do I ask?

• For administrative matters, including excused absences and disability accommodations: Prof. Hogben
• For math questions: Dr. Ylvisaker or Prof. Hogben (Prof. Hogben does not make appointments for this purpose).
• For questions on how your work was graded: Dr. Ylvisaker
• For questions on how your final grade is determined: Prof. Hogben
Lectures
T TH 2:10-3:25 PM in Carver 205

Content  Topics include vectors & matrices, systems of linear equations, determinants, vector spaces, linear transformations, eigenvalues/eigenvectors, orthogonality and inner product spaces, and applications of these topics; see also Syllabus

Assessment  Your grade will be based on:
2 one hour exam 50 points each
final examination 100 points
quizzes 50 points (11 quizzes, 5 points each, lowest scored is dropped)
homework 50 points (11 assignments, 5 points each, lowest scored dropped)
total 300 points
See web-site for dates.

Your grade will not be worse than that obtained from an 90, 80, 70, 60 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.

Attendance  It is your responsibility to attend all classes. Although attendance is not formally part of the grade, there is a high correlation between missing classes and failing the course.

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

Tests  Bring ISU Card, clean paper, pencil, and eraser to each test. In-class test dates will be announced later. If you need to miss a test due to a foreseeable approved excuse (e.g., mandatory field trip for another class or athletic trip) you need to arrange this with Prof. Hogben preferably one week ahead, but at least one class period before the test. For unforeseen excuses, e.g., illness, you need to notify Prof. Hogben of the reason for missing the exam as soon as possible (send an e-mail; this should be sent prior to the exam unless a verifiable emergency prevents this and should include a way to contact you; if e-mail is unavailable, call you can leave a message on 294-8168 but it may not be received until you notify Prof. Hogben as message left there are not routinely retrieved). Students missing a test with an approved excuse will have the results from their comprehensive final weighted more heavily in determination of their final grade. Approved excuses include a university excuse that Prof. Hogben approves in advance or a documentable emergency such as illness serious enough to require a visit to a doctor, or inclement weather (other than heat) sufficient to close the public schools. Unapproved absences will result in a score of zero.

Electronic devices  Cellular telephones, pagers, and other disruptive devices should be silent and out of sight during class. Possession of a wireless communication device that is turned on during an examination (regardless of use or ring setting) is a violation of course policy and constitutes academic misconduct. A wireless communications device is any electronic device capable of
communicating without physical connection or proximity, including but not limited to cell phone, pager, PDA, wireless computer, etc.

**Calculators during exams** Calculators are not needed for the exams. If you wish to use a calculator, you must preregister it with Dr. Ylvisaker and it must be a very simple arithmetic calculator only (not able to have text or matrices entered, not able to communicate with another device).

**Homework** Homework will be assigned in each class; ungraded homework will be discussed in each class. Graded homework assignments given the previous week will be due at the beginning of class each Tuesday but will be accepted until 3:25 PM Thursday without penalty; you may wish to keep your homework until Thursday to use on the quiz. Assignments should include all graded (starred) problems and may include ungraded problem if desired, but in any case the problems should be in order, should be legible, and should be stapled. Assignments will not be accepted late (any excuse will need to cover more than 2 days since the assignment was due Tuesday, and cover at least two assignments since the lowest grade is dropped and that is assumed to be for a day you are sick). Assignments are not collected the first week and any week in which a test is given (eleven assignments will be collected). Selected problems will be graded. The assignment will also be graded as to completeness regarding the graded (starred) problems. In case of emergency, a homework assignment may be submitted electronically by e-mail to andrewy@iastate.edu with “307 homework” in the subject and a reason you cannot submit a paper copy in the message.

**Quizzes** Quizzes will be given in class on Thursday or as announced on the website [http://orion.math.iastate.edu/lhogben/math307.html](http://orion.math.iastate.edu/lhogben/math307.html); quiz problems will be taken from homework. You may use your personal handwritten notes for quizzes but no text nor anything printed. The lowest quiz score will be dropped and that is assumed to be for a day you are sick. For more extensive excused absence see Prof. Hogben (test excuse rules apply).

**Collaboration and outside resources** You are encouraged to work together, ask us questions, and/or utilize the library or internet, using whatever method helps you learn, except that the following restrictions apply to graded work:

- You may discuss graded homework assignments with other students enrolled in this class and/or with us, but should not take any notes from these discussions. You must write up your own work and we should not be able to determine with whom you discussed it when we read it.

**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.