

RECEIVED FEB 27 1957

10. **COMPLETE CATALOG DESCRIPTION** including dept., number, title, credits, credit distribution, cross-listings and/or stacking (50 words or less if possible):

Example of a **complete** description:

FISH F487 W, O Fisheries Management

3 Credits Offered Spring

Theory and practice of fisheries management, with an emphasis on strategies utilized for the management of freshwater and marine fisheries. *Prerequisites:* COMM F131X or COMM F141X; ENGL F111X; ENGL F211X or ENGL F213X; ENGL F414; FISH F425; or permission of instructor. Cross-listed with NRM F487. (3+0)

Has a memo been submitted through your dean to the Provost for fee approval?

Yes/No

17. PREVIOUS HISTORY

Has the course been offered as special topics or trial course previously?

Yes/No

Yes

If yes, give semester, year, course #, etc.:

As MATH 630 in Fall 2003. As MATH 694 in Spring 2009. As MATH 694 in Spring 2011. As MATH 665 in Spring 2013 (current).

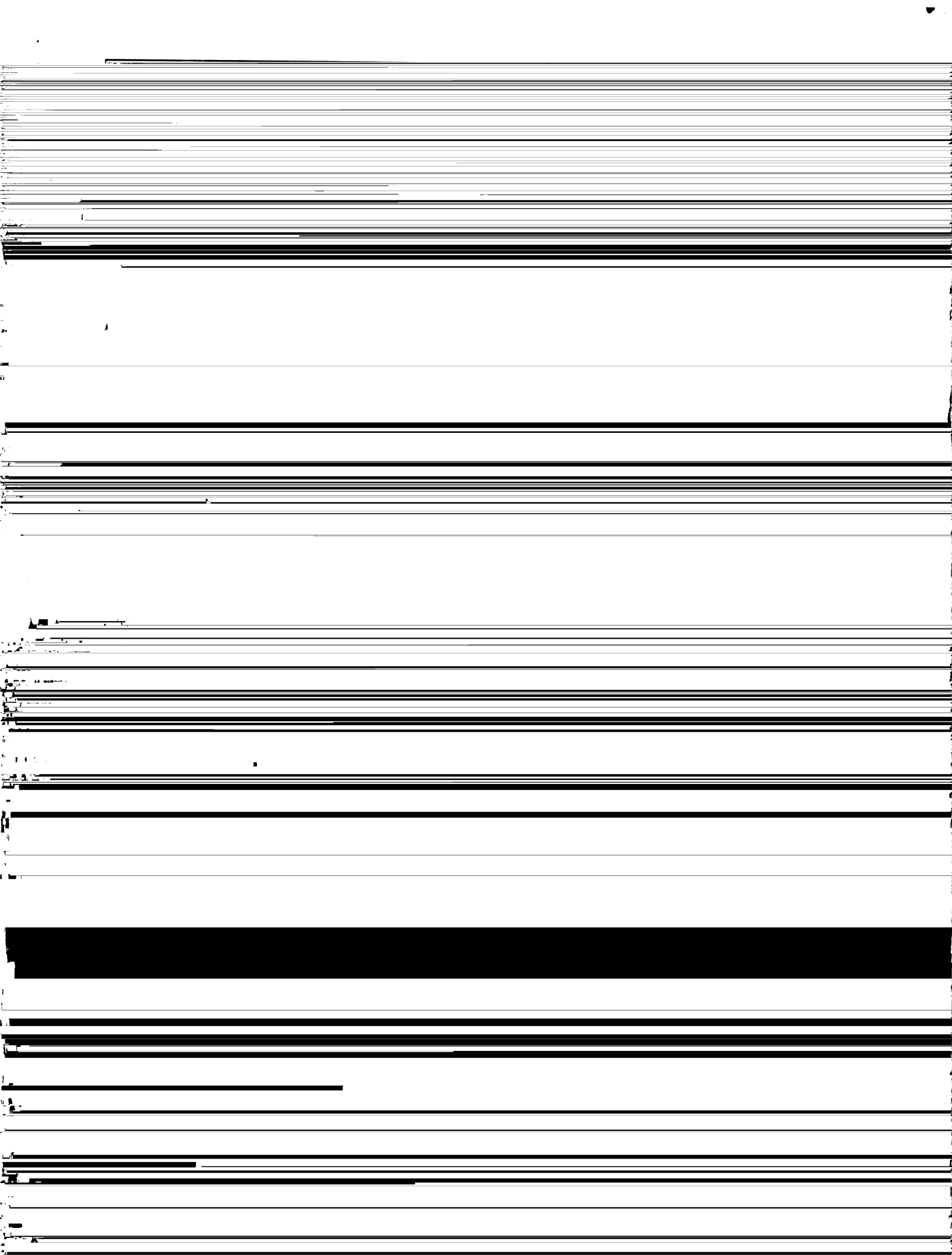
18. ESTIMATED IMPACT

WHAT IMPACT IF ANY WILL THIS HAVE ON BUDGET, FACILITIES/SPACE, FACULTY, ETC.

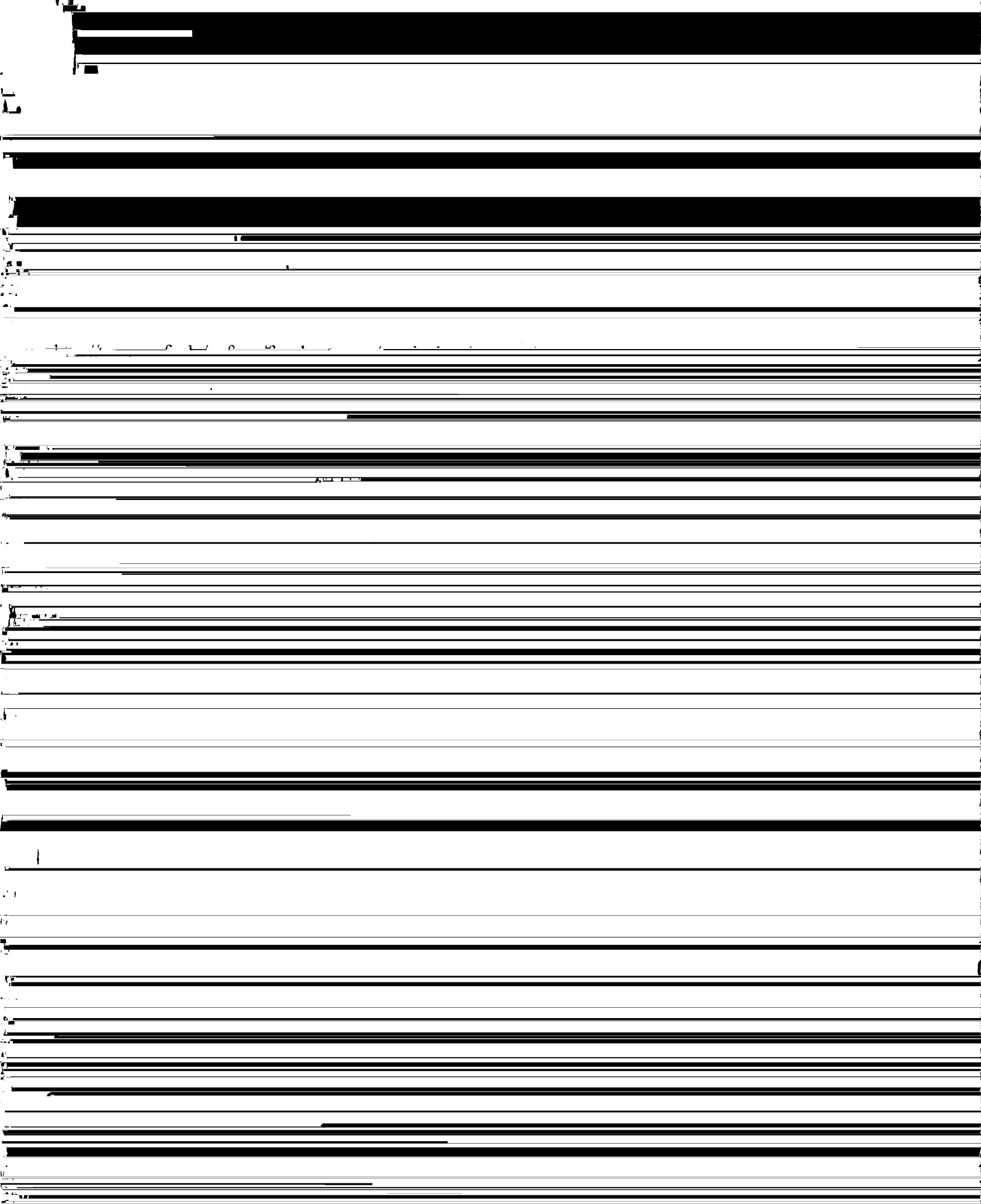
Only a lecture classroom needed. Based on previous/current enrollment (10, 5, 7, 9 in offerings), a small lecture room is fine.

19. LIBRARY COLLECTIONS

Have you contacted the library collection development officer (kljensen@alaska.edu, 474-6695) with regard to the adequacy of library/media collections, equipment, and services available for the proposed course? If so, give date of



ATTACH COMPLETE SVU ABUS (as part of this application) The guidelines are online



Math 694 Numerical Linear Algebra

CRN 37025

Spring 2011, UAF

Instructor: Ed Bueler

Assigned Work and Evaluation and Grade: Weekly homework will include by-hand computations, proofs, and Matlab/Octave computations. There will be a short project in which you are asked to find and explain/explore an application of numerical linear algebra. There will be a **one hour in-class midterm exam**, emphasizing definitions and basic manipulations, and a **take-home final exam** emphasizing proofs and nontrivial calculations/applications.

Exams/Homework	Percent of Grade	Dates
In class Midterm Exam	15%	Monday FIXME!!
Take-home Final Exam	35%	Due January 5, 2022

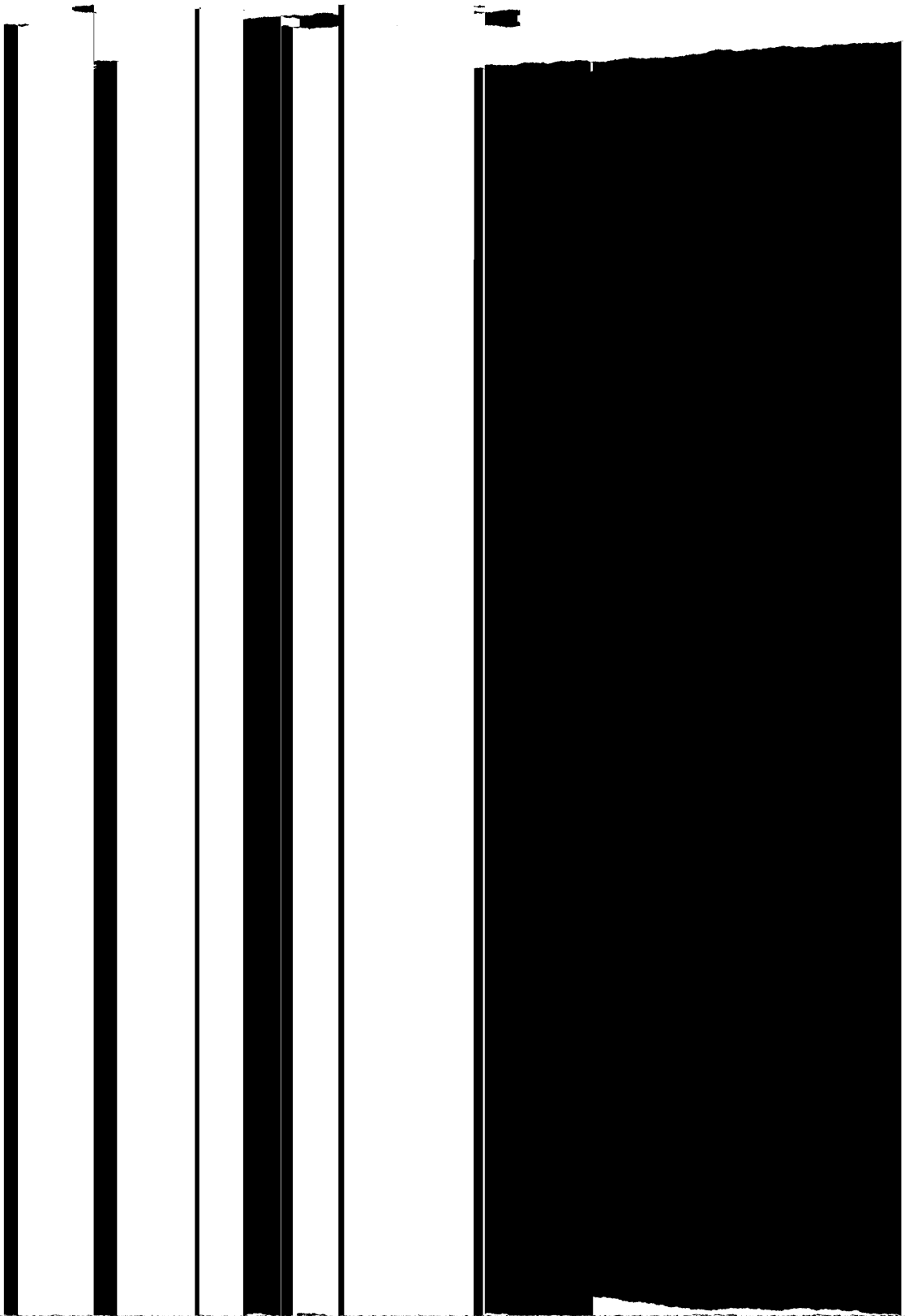
Homework	55%	(nearly) weekly
Short Project	5%	due about one week before final; will be announced

Based on your raw homework and exam scores, I guarantee grades according to the following

right to increase your grade above this schedule based on the actual difficulty of the work and on

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A # 3 Due
A #4 (PDF)

A # 4 Due
A #5 (PDF)

A # 5 Due
A #6 (PDF)

A # 6 Due

review for quiz

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