

BULLETIN OF

**LAMAR STATE COLLEGE
OF TECHNOLOGY**

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Third Annual

**GRADUATE
SCHOOL
CATALOG**

With Announcements for 1962-63



The course, tuition and fees, and all other conditions and policies set forth in this 1962-63 graduate catalog issue shall be and are hereby put into effect as of Feb. 1, 1962 and shall remain in effect with such conditions and alterations as may be duly authorized by the Board of Regents, until a new graduate catalog is issued. Bulletins published monthly except May.

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BOARD OF REGENTS

I R Morris, Chairman, Beaumont, Texas

LAMAR STATE COLLEGE OF TECHNOLOGY

DIRECTORY (1962-1963)

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Administration Building

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Administration Building

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M.A., Ph.D., Louisiana State University

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M.A., Ed.D., University of Nebraska

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FRANK A. THOMAS, JR., Professor of Mechanical Engineering--
Dean, School of Engineering
B.S., Purdue University
M.S., Ph.D., Georgia Institute of Technology

DIRECTORY FOR CORRESPONDENCE

1962

S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21

LAMAR STATE COLLEGE OF TECHNOLOGY

College Calendar for 1962-63

Fall Semester, 1962

Sept. 10 Monday

8 a.m. Orientation for new students.

June 5 Wednesday 7 p.m. Last date for registration or for adding
courses.
7 Friday Fourth Class Day.



THE GRADUATE SCHOOL

History

The Graduate School was instituted in the fall, 1960, with the offering of the Master of Arts degree in the fields of history and English.

ENROLLMENT

Admission

Applicants seeking admission to the Graduate School must present

level) of undergraduate work in the subject chosen as the graduate major. For a minor, twelve semester hours of undergraduate work are required.

5. Admission to the Graduate School does not imply candidacy for a master's degree.

FEEES AND EXPENSES

Payment of Fees

Lamar State College of Technology reserves the right to change fees
in accordance with acts of the Texas Legislature

[REDACTED]

Long Session

The Dean of Men and the Dean of Women will review all requests for permission to live off the campus. The College reserves the right to require campus residence of any student.

Dormitories for men and women were completed in 1954, 1955, 1958, and 1959. These ultra-modern halls are three stories high, each floor housing 36 students. The halls are organized into units for purposes of self-government, intramural athletics and social life.

Students live in suites for six. Each suite consists of two large bedrooms, two study rooms and bath. Each room has a dial telephone for intercampus and Beaumont exchange calls.

The Dining Hall serves three meals per day with the exception of Sundays. Breakfast and lunch are served on Sundays.

Costs

Some of the rooms are air-conditioned for the summer months. The extra charge for air-conditioned rooms for each six-week period is \$30 per room regardless of the number of students occupying the room.

Changes in Rates

The College reserves the right to change room and board rates with ten days' notice.

Reservations

To reserve a room in the dormitory, direct a request to the Dean of Student Life, Lamar State College of Technology, Beaumont, Texas. A check for \$20 must accompany the reservation request. Room reservations may be cancelled with full refund until three weeks prior to the first day of classes. No refund will be made on cancellations received after this date. Dormitory residents will be refunded deposits, less any breakage charges, at the end of the year. If a student moves from a dormitory at any time other than the end of the semester, the \$20 deposit will not be refunded.

All unclaimed rooms in the dormitory system will be declared vacant and the \$20 deposit will be forfeited at 6:00 p. m. on the last day of registration unless a student gives the Dean of Student Life written instructions to hold the room for a longer period.

II Apartments

Located on the campus and owned and operated by the College are a limited number of accommodations for married couples who have no children.

Some of these apartments can be air-conditioned from April 15 to October 15 upon request of the occupant. An additional \$20 per month is charged for this service during the months of operation.

Health Center

The College maintains a Health Center for the use of students.

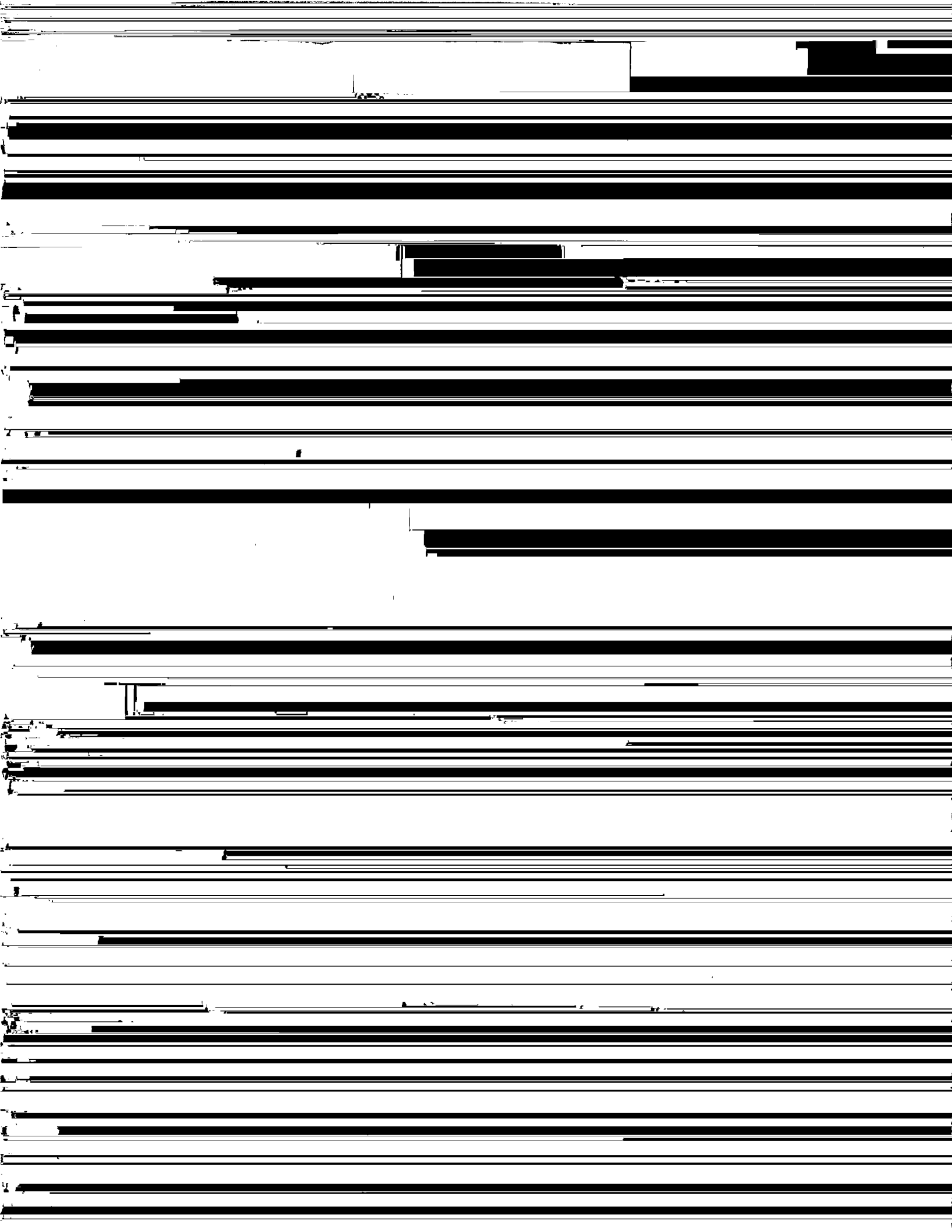
Two types of service are available: (1) out-patient service for those who have minor ailments but who do not require constant supervision,

Loan Funds and Scholarships

On application before the end of the semester or summer term, the Comptroller will return such fees as are returnable according to the schedule shown under the "Fees" section of the Catalog Bulletin. This refund is made only to the person withdrawing and if requested before the end of the current semester or summer term.

Parking Regulations

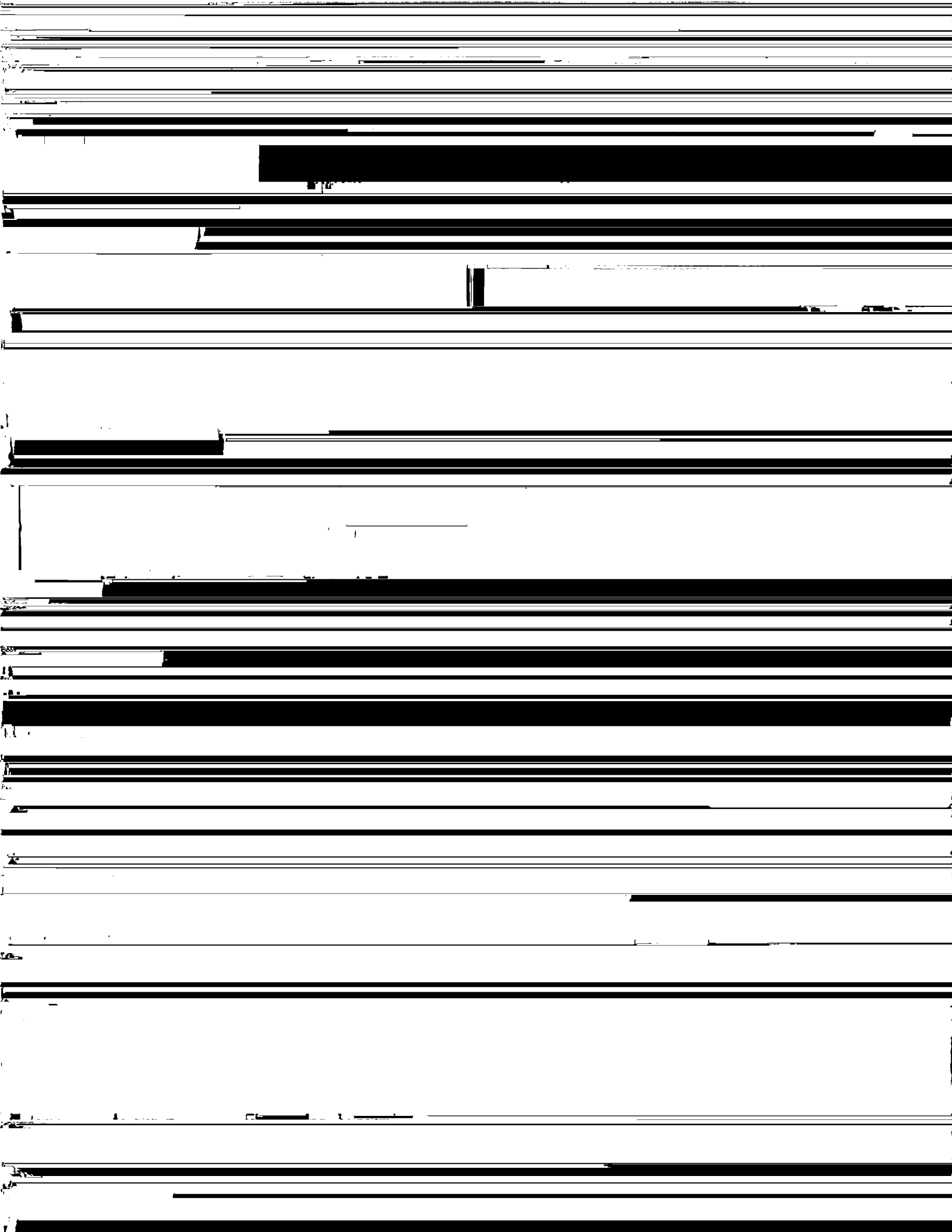
At registration time each student who pays the necessary fee is issued a car decal which permits parking on the campus. This num-



12. The College reserves the right to change any of its rules, re-
gulations without notice.



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4314--The Development of American Realism: 1860-1900. An intensive study of the major authors of the period from Whitman to Norris.
Class: 3 hours. Credit: 3 semester hours.

536 Studies in Postmodern and Postcolonial Critique

YU

DEPARTMENT OF HISTORY

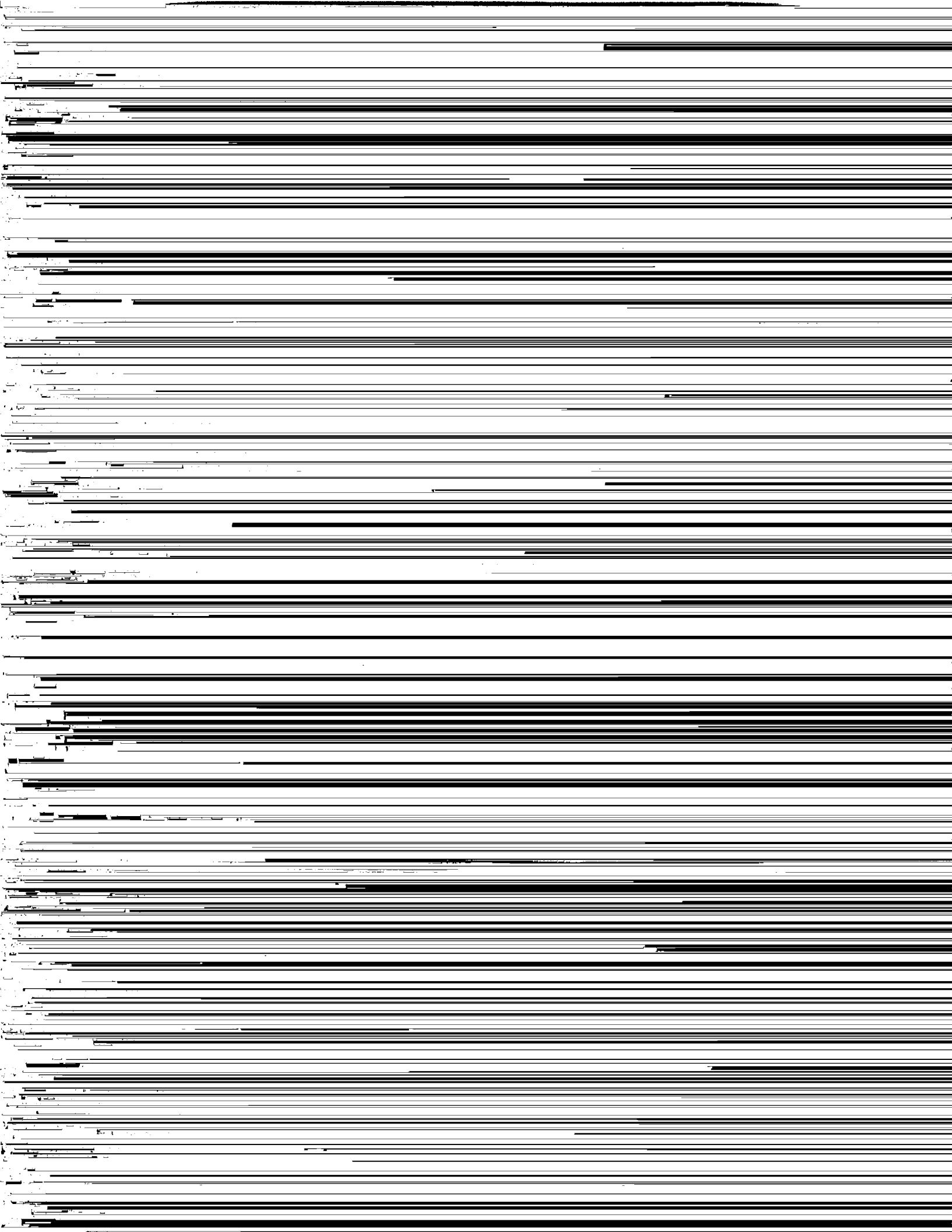
The Department of History offers two plans of work leading to the

SCHOOL OF ENGINEERING

The School of Engineering offers a program of study leading to the Master of Engineering Science degree (M. E. S.). The Department of Mathematics offers the Master of Science degree in Mathematics (M. S.). (See Department of Mathematics, this Catalog.)

The Master of Engineering Science degree plan requires the completion of thirty semester hours of graduate work, including the thesis. For admission to the program, the student must meet the following requirements:

1. The general requirements for admission to the Graduate School.
2. Hold a bachelor's degree in a field of engineering or applied science.
3. Have completed mathematics through differential equations.



4323--Corrosion and Materials of Construction. Construction materials and corrosion in the chemical and petroleum industry. Class: 3 hours. Credit: 3 semester hours.

4324--Pollution and Waste Disposal. A study of the control and elimination of air and water pollution, and waste disposal methods, for chemical and petroleum plants. Class: 3 hours. Credit: 3 semester hours.

4325--Introduction to Nuclear Engineering. A study of the engineering aspects of nuclear fundamentals and processes. Prerequisite: CHE 331. Class: 3 hours. Credit: 3 semester hours.

4329--Properties of Gases and Liquids. A critical review of various estimation and correlation procedures for a number of physical properties of pure gases and liquids. Though the subject matter is tied closely to



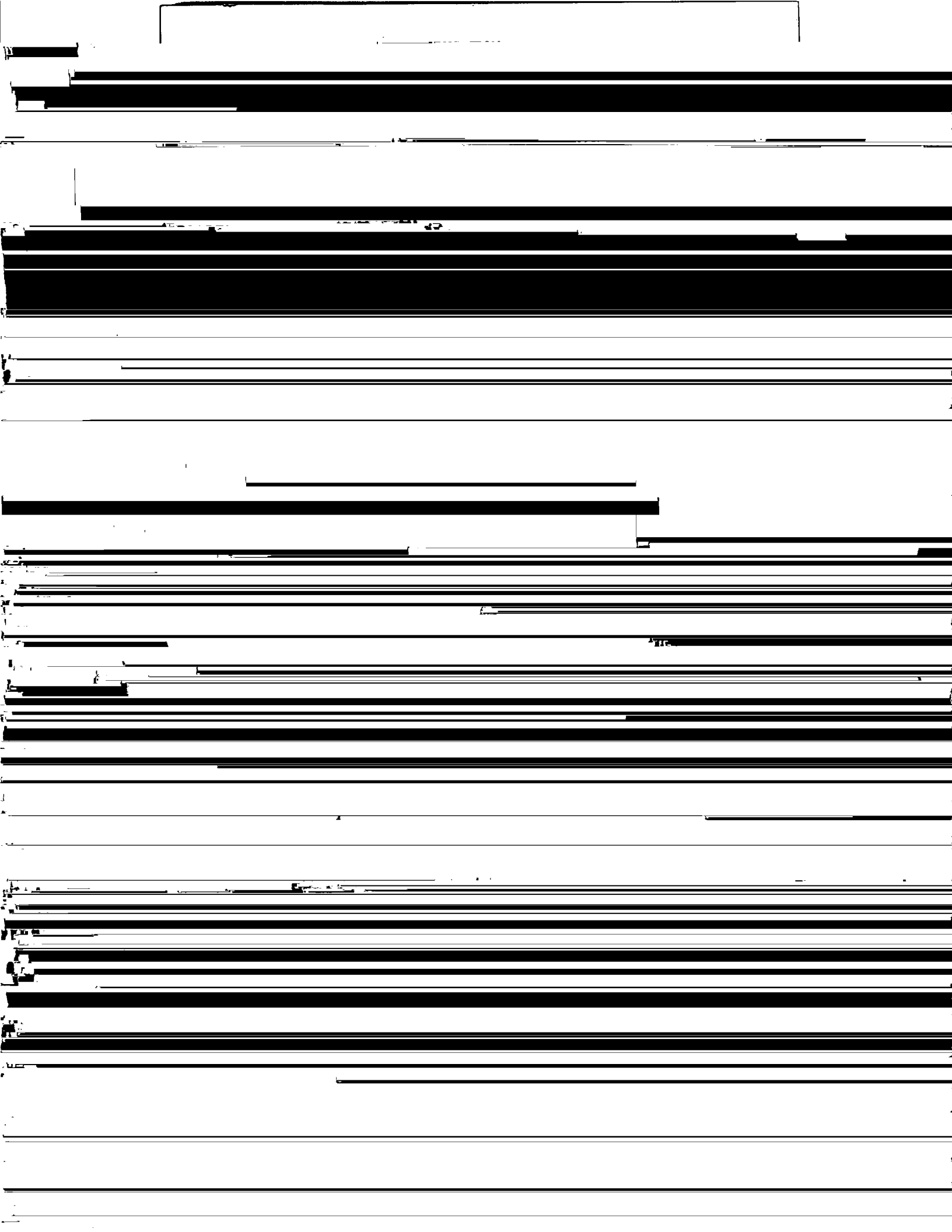
brief review of optics with emphasis on polarization of light. Double refraction. Stress-optic law. Stress patterns. Analysis of photoelastic results. The laboratory consists of preparing photoelastic models, determining stresses with a photoelastic analysis, and comparing

DEPARTMENT OF MATHEMATICS

The Department of Mathematics offers a program of study leading to the Master of Science degree in Mathematics (M.S.). Those seeking

434--Partial Differential Equations. General and particular solutions, boundary conditions, Fourier series, Bessel functions, harmonic analysis, numerical solutions, condition of heat, flow of electricity. Class: 3 hours. Credit: 3 semester hours.

4311--Numerical Solution of Differential Equations. Analytical foundations. Methods for ordinary and partial differential equations.



- F. Edu. 5310 - Current Literature for Children and Adolescents
2. Area of Professional Development. Nine semester hours must be selected from the following courses (six semester hours if the student elects to write a thesis):
- A. Edu. 530 - Structure and Organization of Public Education
 - B. Edu. 531 - Research
 - C. Edu. 532 - Current Issues in Education
 - D. Edu. 533 - Contemporary Philosophies of Education
 - E. Edu. 535 - Advanced Educational Psychology
 - F. Edu. 669 - Thesis. Credit: six semester hours

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GRADUATE FACULTY

Members

Professor Howard W. Adams
Secondary Education; educational research.

Professor M. L. McLaughlin
Elementary Education; contemporary education.

Professor Conrad D. Mang
Elementary Education; educational philosophy.

Professor Ruth H. Olcott
Elementary Education; administration; psychology.

Associate Professor Thomas T. Salter

Elementary Education; educational research.

individual teaching problems and individual research. Prerequisite:

