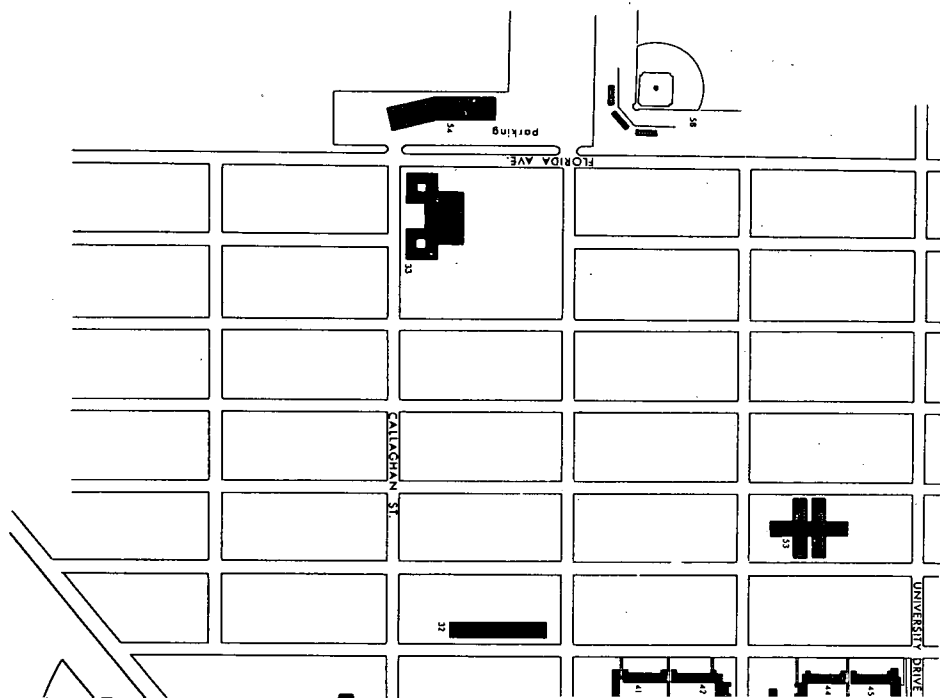


1967

SUMMER SESSION

BULLETIN





BULLETIN

of

LAMAR STATE COLLEGE OF TECHNOLOGY

Vol. XVII

MAY, 1967

No. 10

Second class mail privileges authorized at Beaumont Texas. Published by

LAMAR STATE COLLEGE OF TECHNOLOGY

BOARD OF REGENTS

J. B. Morris, Chairman . . . . . Beaumont, Texas

LAMAR STATE COLLEGE OF TECHNOLOGY

SUMMER SESSION, 1967

First Term

June 4 Sunday . . . Limited operation of dormitories.  
June 5 Monday . . . Registration, 8 a. m.  
Registration--evening classes, 6 p. m.  
June 6 Tuesday . . . Classes begin 7 a. m.  
Late registration (penalty fee charged).  
Payment of fees is a part of registration.  
June 7 Wednesday . . . Last date for registration or for adding courses, 7 p. m.  
June 9 Friday . . . Fourth Class Day  
June 16 Friday . . . Last date for application for August graduation, 5 p. m.  
June 26 Monday . . . Last date for dropping courses or withdrawing without  
penalty, 7 p. m.  
July 13-14  
Thursday, Friday . . . First term finals  
July 15 Saturday . . . Last date for reporting term grades to Registrar's office.  
noon

Second Term

July 17 Monday . . . Registration, 8 a. m.  
Registration--evening classes, 6 p. m.

DIRECTORY FOR CORRESPONDENCE

To obtain prompt attention, address inquiries to the following persons or agencies:

Academic Program . . . . . Vice President of Academic Affairs

Academic Records and Transcripts . . . . . College Registrar

ORGANIZATION OF THE COLLEGE

by

Schools and Departments

SCHOOL OF LIBERAL ARTS

(Bible)  
English  
Government  
History  
Modern Languages  
Psychology  
Sociology

SCHOOL OF ENGINEERING

Chemical  
Civil  
Electrical  
Industrial  
Mechanical  
Mathematics

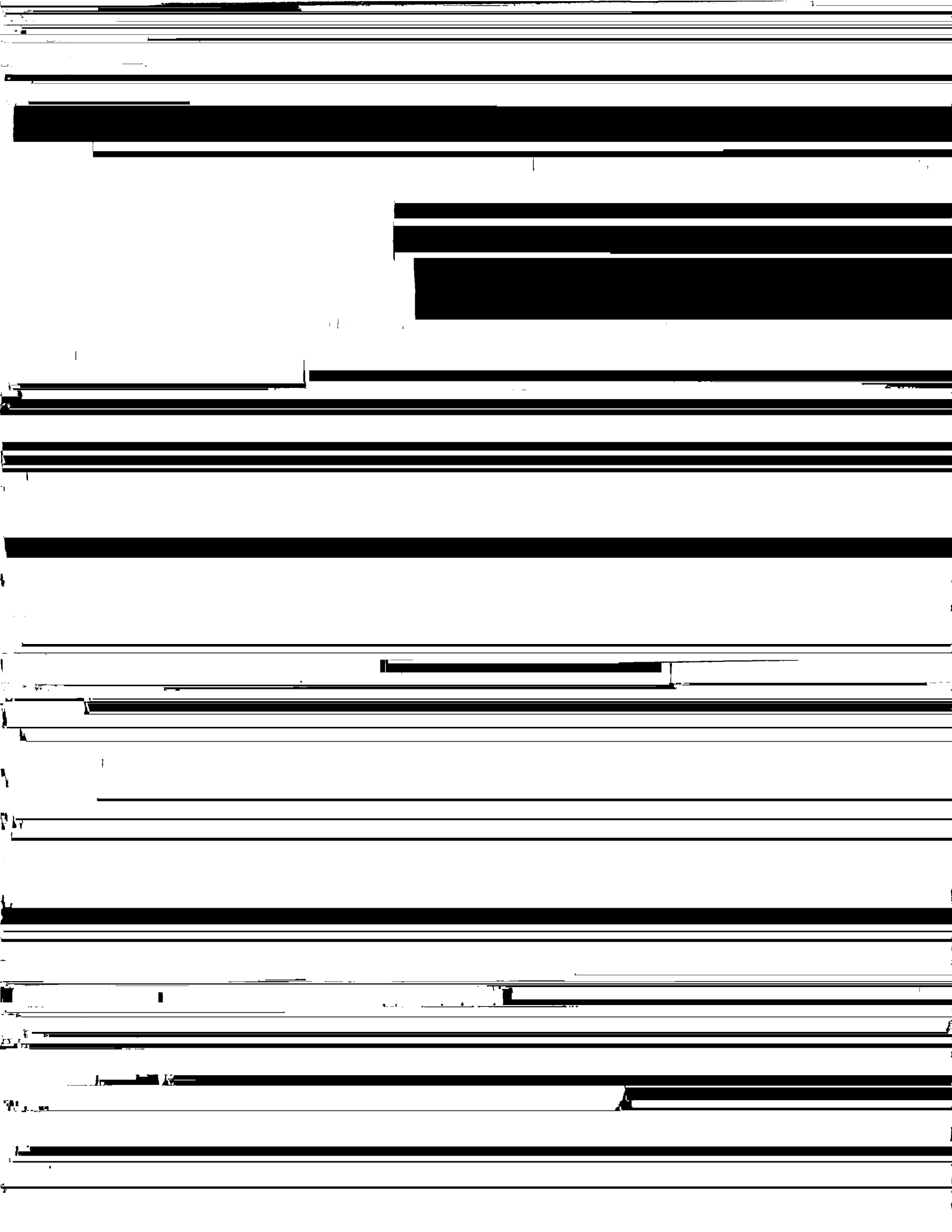
SCHOOL OF EDUCATION

GENERAL INFORMATION

LOCATION

Jamaica State College of Technology is a state-supported institution of higher learning.





the summer session presents an opportunity to repair their academic record. Students that are suspended for one term from Lamar State College may attend the summer session without penalty. This does not apply to students who have been suspended from other colleges.

GENERAL REGULATIONS

The general regulations of the College apply to the summer session. Students should read all regulations carefully.

Former students at the college who have subsequently enrolled at another institution are considered to be transfer students and are required to meet the above requirements in order to be re-admitted.

#### ENTRANCE TEST REQUIREMENT

The Scholastic Aptitude Test (SAT) of the College Entrance Examination Board is required of applicants entering from high school unless graduation was prior to 1960. Test scores are one of several factors considered in determining the candidate's qualifications for admission.

The SAT may be taken more than one time but if repeated, the test must be taken on one of the regular test dates when the SAT is administered nationally.

The Scholastic Aptitude Test is administered by CEEB at test centers throughout the United States and in many foreign countries in December, January, March, May, and July. Lamar State College is one of the testing centers. The location of all test centers, test dates, fees, application forms, and general information about the test is given in the CEEB booklet, Bulletin of Information - Scholastic Aptitude Test. The bulletin may be obtained from your high school counselor, or by writing directly to the

STUDENT LOAD

No student will be permitted to register for more than eight semester hours in a given summer term or for more than fourteen semester hours for the complete summer session. Exceptions to this regulation may be made for seniors

FACILITIES

Located on a campus of approximately one hundred acres and valued in excess of \$20,000,000, the Lamar plant includes many new and functional buildings of modern design. These structures include: the Administration Building, Art Building, Biology-Geology Building, Bookstore, Business Building, Chemistry Building, Dining Hall, Educational Services Building, Engineering I, Engineering II, Health Center, Home Economics Building, Lamar Theatre, Liberal Arts Building, Library, Physics Building, McDonald Gymnasium.

HOUSING

The dormitory housing program is part of the overall educational plan of the college. The Board of Regents has committed the college to maintaining

INSTRUCTIONAL BUILDINGS

Classroom buildings are of modern design and conveniently located a  
few minutes from the dormitories and the dining hall. Classes other than those

SERVICES



# The Graduate School

## The Graduate Council

The Graduate Program is administered by the Graduate Council. The membership of the Council consists of representatives from each department offering graduate degrees with the Dean of the Graduate School acting

FEEES AND EXPENSES

All fees and deposits are payable at the time of registration. The fees are as follow:

Semester Hours	<u>RESIDENT STUDENTS</u>			Total
	Tuition	S. S. Fee	Bldg. Use Fee	
8	\$35.00	\$6.00	\$12.00	\$ 53.00 / Lab
7	31.00	6.00	6.00	49.00 / Lab
6	27.00	6.00	6.00	41.00 / Lab
5	23.00	6.00	6.00	37.00 / Lab
4	19.00	6.00	6.00	33.00 / Lab
3 or less	15.00	6.00	6.00	29.00 / Lab

<u>NON-RESIDENT STUDENT</u>				
8	\$133.00	\$6.00	\$12.00	\$151.00 / Lab
7	117.00	6.00	6.00	131.00 / Lab
6	100.00	6.00	6.00	114.00 / Lab
5	83.00	6.00	6.00	97.00 / Lab
4	66.00	6.00	6.00	80.00 / Lab
3 or less	50.00	6.00	6.00	64.00 / Lab

RESIDENCE AND DINING HALL FEES

# School of Liberal Arts

## DEPARTMENT OF ENGLISH

### English (Eng)

**131—Rhetoric and Composition.** Intelligent and critical reading of mature exposition; correct and effective expository writing. Collateral readings; frequent themes. Class: 3 hours. Credit: 3 semester hours.

**132—Rhetoric and Composition.** A continuation of English 131. The research paper. Introduction to literary genres. Class: 3 hours. Credit: 3 semester hours.

**231, 232—Survey of British Literature.** A critical study of the literature of Great Britain from the Middle Ages to the present. Class: 3 hours. Credit: 3 semester hours.

**331, 332—Survey of American Literature.** A critical study of the literature of the United States from the colonial period to the present. Class: 3 hours. Credit: 3 semester hours.

333—Shakespeare—Detailed reading of the histories, comedies, and trag-

438—The Eighteenth Century. The poetry and prose in England from the Restoration to the rise of Romanticism. Class: 3 hours. Credit: 3 semester hours.

4319—Contemporary Fiction. A study of prose fiction representative of modern ideas and trends with emphasis on English and American literature.



436—The American West. The American West from colonial times to the present. Class: 3 hours. Credit: 3 semester hours.

4316—World Power and Reform: The United States from 1898 to 1929.

**132—First Year German.** Reading, grammar, conversation, exercises in composition. Use of recordings. Prerequisite: German 131 or one year of high school German. Class: 3 hours. Credit: 3 semester hours.

**231, 232—Reading, Composition, Conversation.** Prerequisite for German 231: German 132. Class: 3 hours. Credit: 3 semester hours per course.

**335—Motivation.** A study of contemporary concepts, theories, and research in motivation. Prerequisite: Psy 231. Class: 3 hours. Credit: 3 semester hours.

**432—Abnormal Psychology.** A study of abnormal behavior. Special emphasis on the symptomatology, etiology, and therapeutic approaches. Prerequisite: Psy 231. Class: 3 hours. Credit: 3 semester hours.

## DEPARTMENT OF SOCIOLOGY

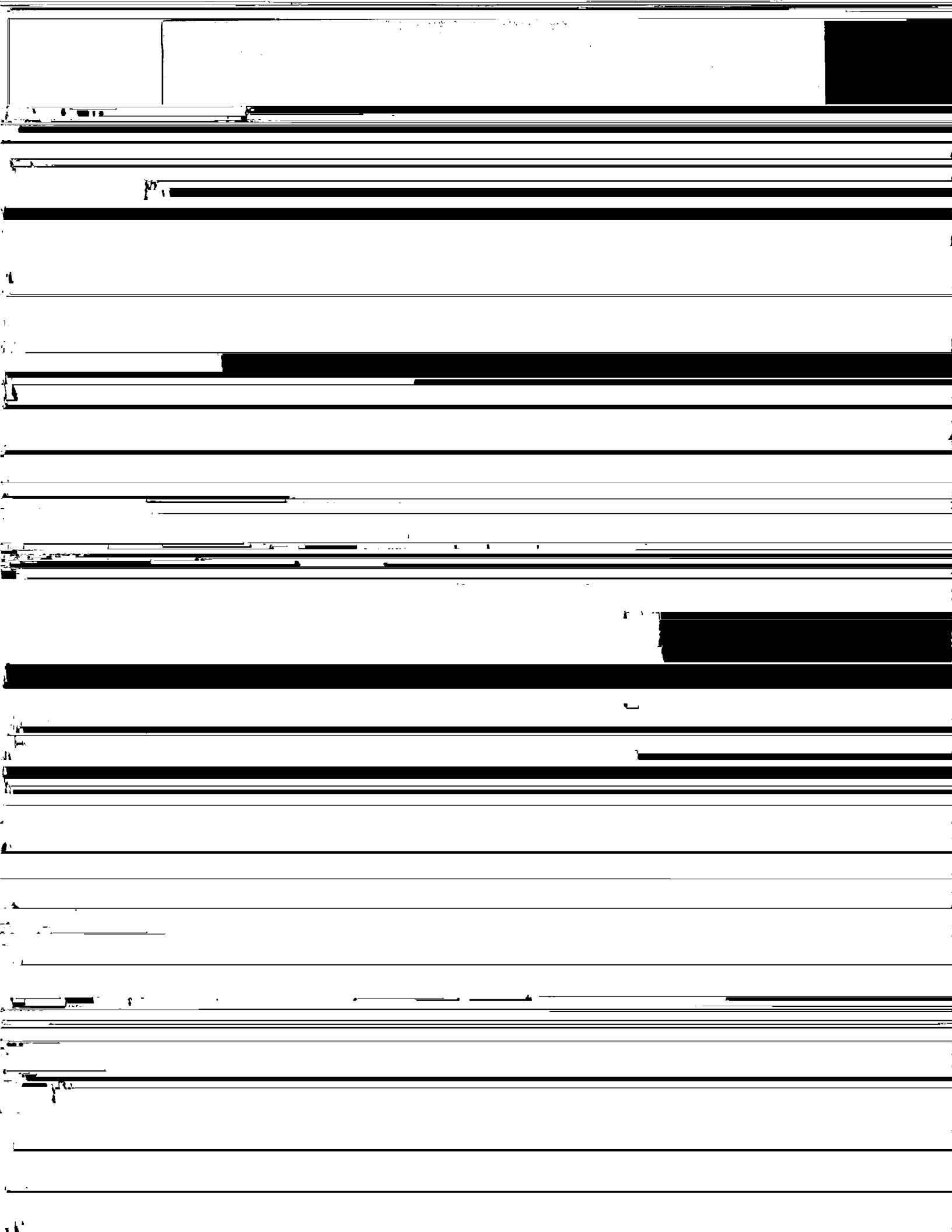
### Anthropology (Ant)

**231—Introduction.** The nature, development, and differentiation of man as a biological organism, and of culture as his distinctive creation and possession. Class: 3 hours. Credit: 3 semester hours.

### Geography (Geg)

**230—World Geography.** Characteristics of major geographic regions; relationship of geographic environment to human society and culture. Class:





# School of Sciences

## DEPARTMENT OF BIOLOGY

### Biology (Bio)

**141-142—General Biology.** First semester devoted to the anatomy and physiology of man. Laboratory phase includes the dissection of the frog as a vertebrate type, and an elementary study of vertebrate tissues. Reproduction, development, and heredity of animals; disease and immunity are studied during the first part of the second semester. The last part of the

347—Genetics. General principles of heredity, including human inheritance. Prerequisite: Bio 141-142. Class: 3 hours. Laboratory: 2 hours. Credit: 4 semester hours.

441—Parasitology. Study of animal parasites including morphology, life history, and host-parasite relationships. Special emphasis on helminthic parasites of man and other vertebrates. Prerequisite: Bio 141-2; Class: 3 hours. Laboratory: 3 hours. Credit: 4 semester hours.

445—Marine Biology. Natural history and ecology of fauna and flora of the marine system. Recommended for biology majors. Prerequisite:

[REDACTED]

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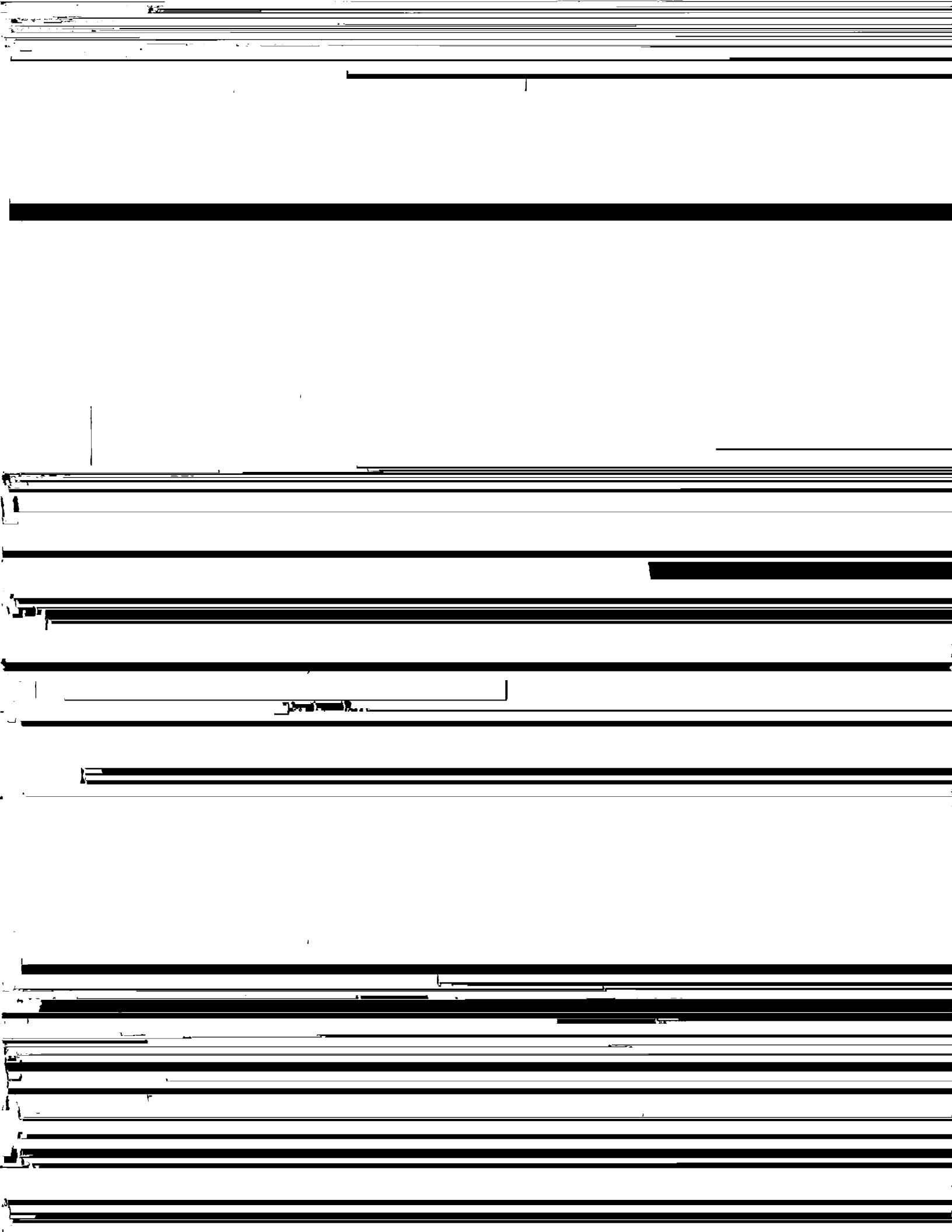
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# School of Business

DEPARTMENT OF ACCOUNTING

231—Principles of Accounting. Procedures and techniques used in re-

ness and their interrelationships. Economics of industry; ownership and organization; marketing; production; personnel; finance; business controls. Class: 3 hours. Credit: 3 semester hours.

331—Business Law. Principles of law which form the legal framework for business activity. Applicable statutes; contracts; agency. Class: 3 hours. Credit: 3 semester hours.

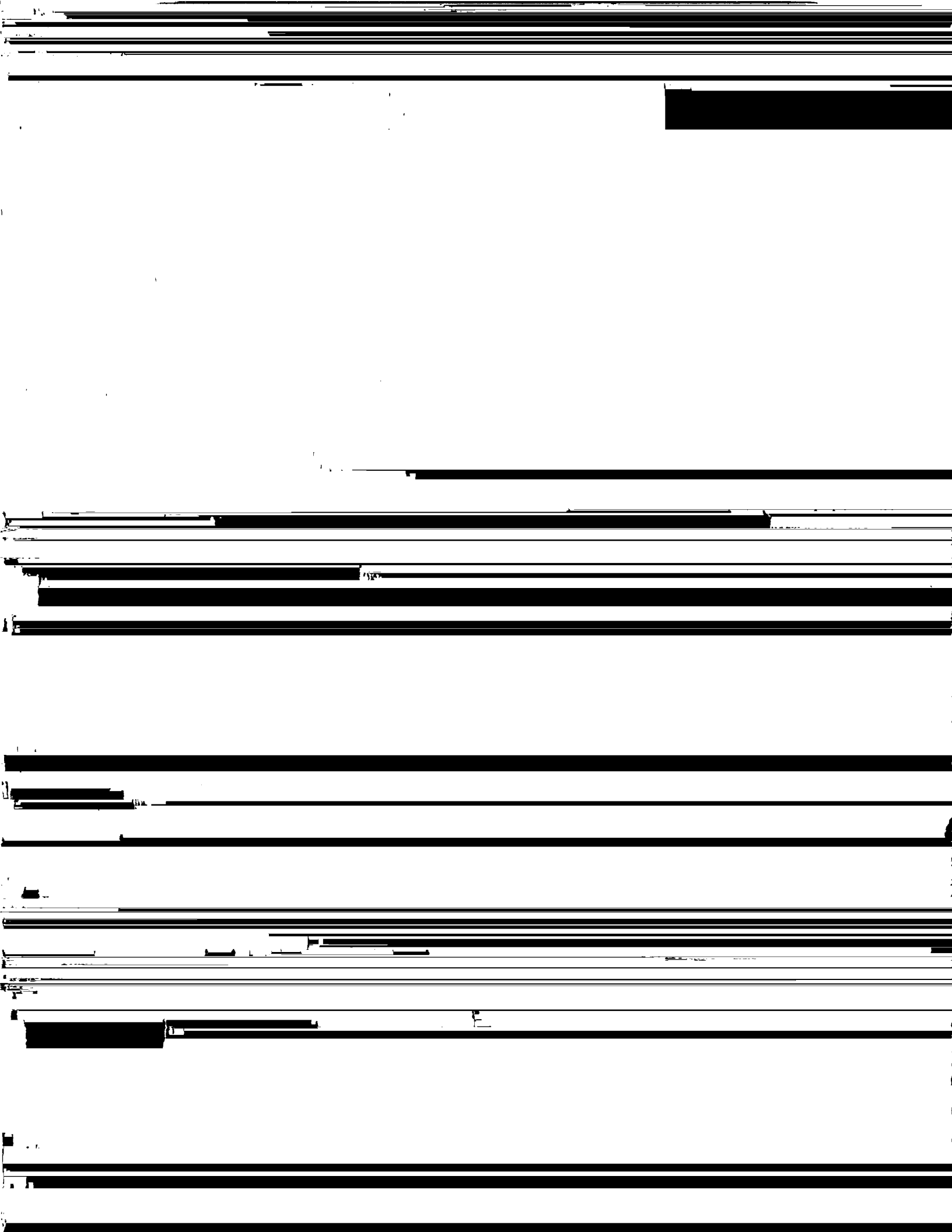
332—Principles of Finance. A survey of the field of business finance.

channels; contracts; campaigns; customer and price policies; administration. Class: 3 hours. Credit: 3 semester hours.

**4312—Marketing Problems.** Case problems in planning and controlling marketing organizations. Budgeting; operations; turnover; inventory; store promotion; research. Class: 3 hours. Credit: 3 semester hours.

**4313—Job Evaluation and Wage Administration.** The analysis and evaluation of employment positions as used in salary and wage determination. Job analysis; job evaluation; wage surveys; wage programs; salary





# School of Education

DEPARTMENT OF EDUCATION

Education (Edu)

330—Teaching Media and Programed Instruction. Observation, demonstration, and practice in utilizing modern teaching media, including teach-

**3311—Nature and Needs of the Mentally Retarded.** Nature and causes of mental retardation; physical and mental characteristics; the organization and administration of classes; evaluation, integration, and adaptation of the program to meet socio-economic needs. Observation opportunities provided. Class: 3 hours. Credit: 3 semester hours.

**3312—Education of the Orthopedically Handicapped.** Curriculum development, methods and materials; school programs for the orthopedically handicapped in regular and special classes, hospitals and home instruction. Class: 3 hours. Credit: 3 semester hours.

**430—Education of the Mentally Retarded.** Problems in the selection, preparation, development, and use of curriculum materials. Use of resource, selection of equipment, employment opportunities, and a review of recent research. Opportunities provided for functional experiences. Class: 3 hours. Credit: 3 semester hours.

**431—Psychology of Exceptional Children.** Social and emotional characteristics and adjustment problems of children and youth who are excep-  
Class: 3 hours. Credit: 3 semester hours.



DEPARTMENT OF HOME ECONOMICS

Home Economics (HEc)

235—Meal Management Meal planning and food selection for nutri.

selected team, dual and individual sports and activities of the student's choice. Prerequisite: HPE 111M and 112M. Class: 3 hours. Credit: 1 semester hour.

### Professional Courses

**227M—Swimming.** Demonstrations, lectures, and practice in the basic techniques of swimming and water safety. Class: 2 hours. Credit: 2 semester hours.

**228—Senior Life Saving.** Lectures, demonstrations, and practice in the technique of life saving. Prerequisite: HPE 227(M). Class: 1 hour. Laboratory: 2 hours. Credit: 2 semester hours.

**229—Water Safety Instructor Course.** Organization, conditioning, and preparation of student in the required swimming and life saving skills. Advanced students may qualify for American Red Cross Water Safety Instructor. Prerequisite: Current Red Cross Senior Life Saving Certificate. Class: 1 hour. Laboratory: 2 hours. Credit: 2 semester hours.

**233—Physical Education in the Elementary School.** The theory and practice of teaching physical education activities in the elementary grades. Classroom instruction and field laboratory assignments are included for

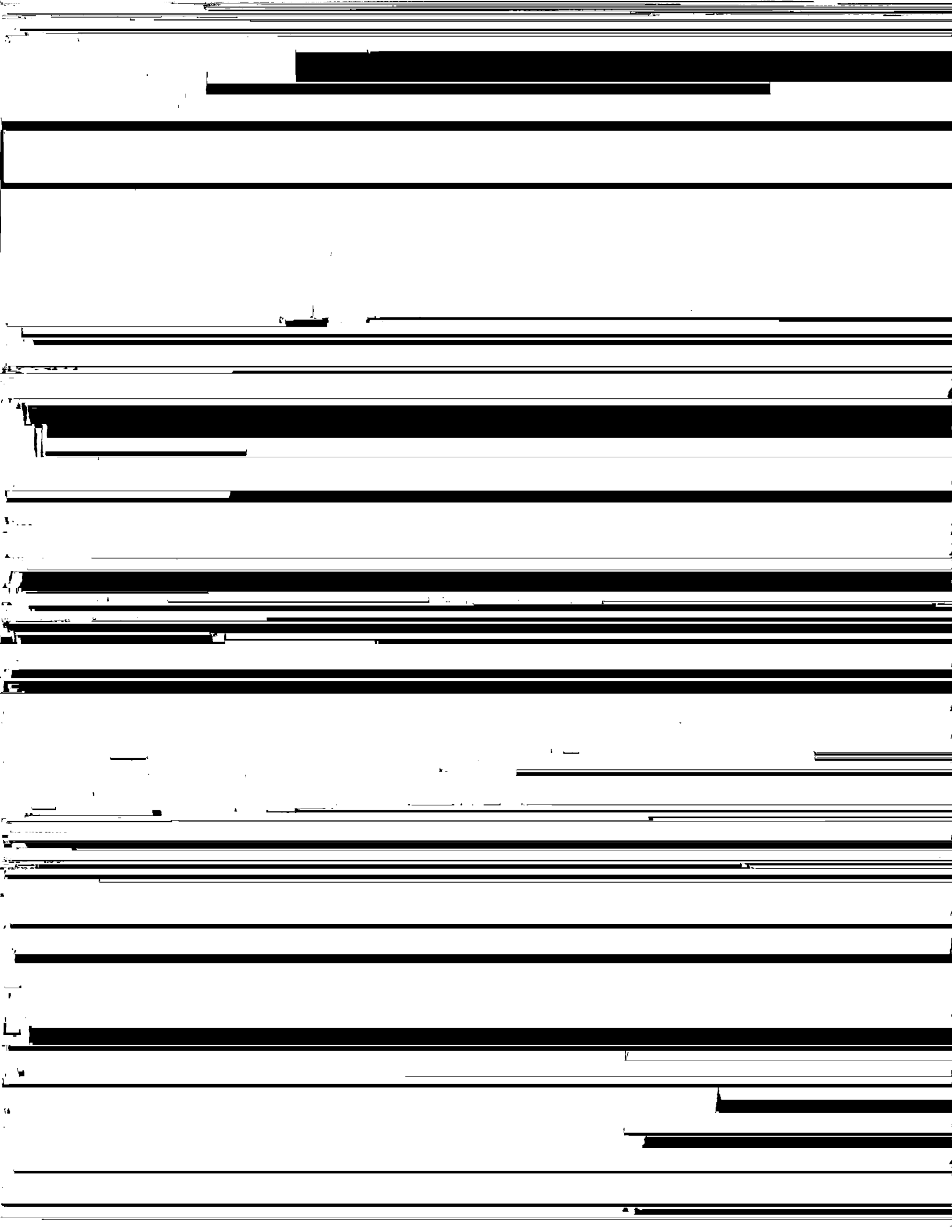
**320—Safety and First Aid.** A survey of safety and first aid. Includes traffic safety and safety at home, work, school and play. Includes the scope, needs, and limitations of first aid with laboratory training in the techniques and methods of treatment of injuries. Class: 2 hours. Credit: 2 semester hours.

**334—Driver Education.** Traffic rules and regulations and the basic facts concerning the cause and prevention of accidents. The course includes behind-the-wheel training in the use of the training automobile while instructing students. For teaching professional students how to teach driver education. Prerequisite: Texas Driver's License. Class: 3 hours. Credit:

[Redacted text block]







4101, 4201, 4301, 4401—Special Problems. An investigation into specialized areas of engineering under the guidance of a faculty member. This course may be repeated for credit when topics of investigation differ. Credit: 1-4 semester hours.

669A-669B—Thesis. Prerequisite: Admission to candidacy. Credit: 6 semester hours.

**DEPARTMENT OF CHEMICAL ENGINEERING**

**Chemical Engineering (CHE)**

333—Thermodynamics II. Properties of non-ideal substances. Maxwell

133—Plane Trigonometry. Trigonometric functions and their applications, trigonometric identities and equations. Prerequisite:  $1\frac{1}{2}$  units of high school algebra and 1 unit in plane geometry. Class: 3 hours. Credit: 3 semester hours.

134—College Algebra. Determinants, binominal theorem, theory of

331—Differential Equations. Analytical solution of ordinary differential equations in terms of elementary and classical functions. Application to problems in geometry, engineering, and physics. Introduction to solution

# School of Fine and Applied Arts

## DEPARTMENT OF COMMERCIAL ART

### Commercial Art (CA)

**130—Appreciation of the Fine Arts.** (Same as Spc 130 and MLt 130.) A survey course covering the areas of a. art, b. music, c. theatre. To be taught by representatives of the art, music and speech faculties. Class: 3 hours. Credit: 3 semester hours.

**131, 132—Drawing and Painting: Sketching.** Drawing with pencil, pen and brush to train the eye and hand in visual recording. These sketches will be developed into opaque watercolor paintings. Class and laboratory: 6 hours. Credit: 3 semester hours per course.

**137, 138—The Language of Art.** An introduction to the visual arts. An analysis of art form: Line, value, texture, volume, color and their application to the production of art. Class: 3 hours. Credit: 3 semester hours per course.

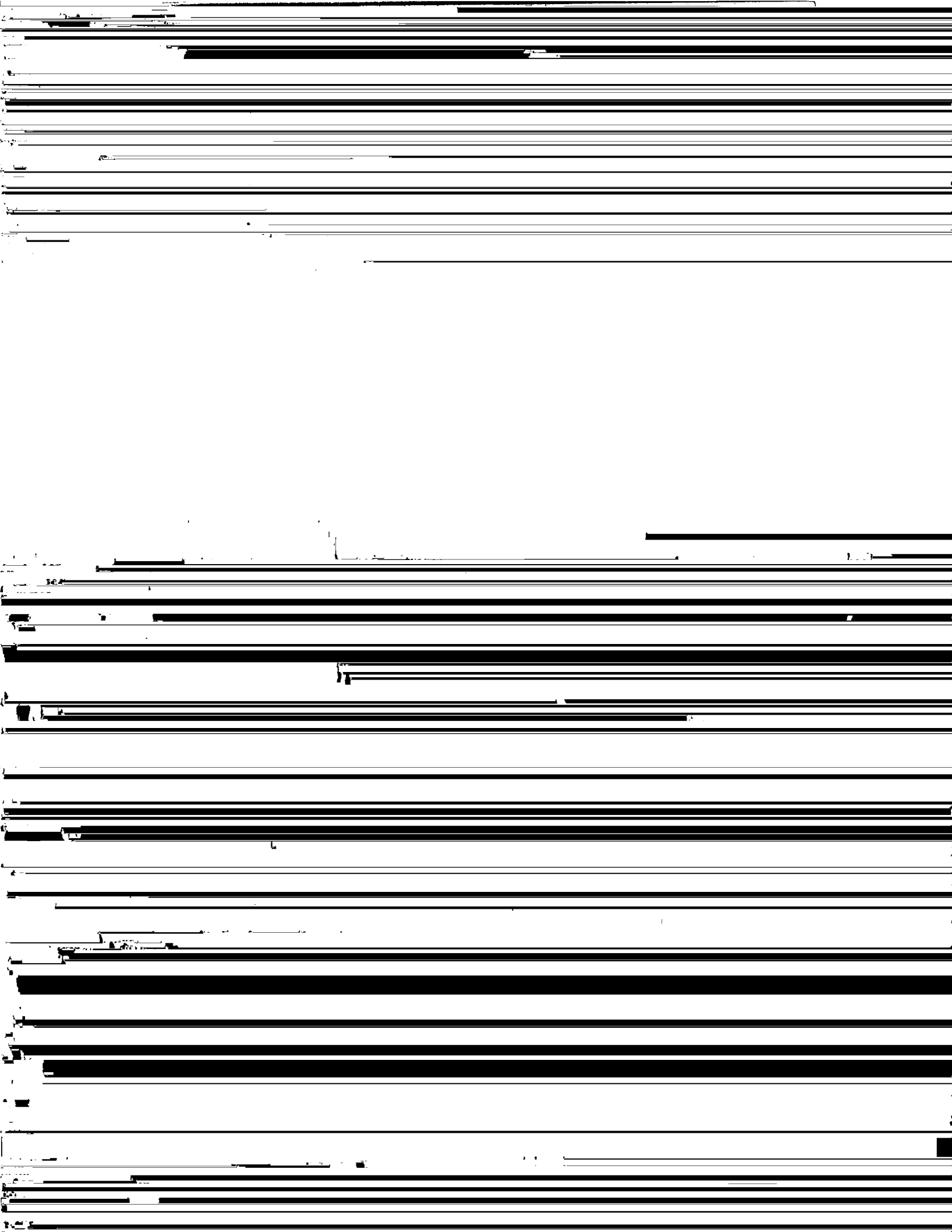
**337, 338—Public School Art.** Teaching devices, techniques and media used in the elementary and secondary schools are studied and used in the

**Music Theory (MTy)**

**131—Elements of Music.** A study of scales, chords, musical terminology, signatures, sight singing and rhythms. Designed to prepare students for advanced study in music theory or to familiarize non-music majors with the meaning of musical notation and the harmonic, melodic, and rhythmic structure of music. Class: 3 hours. Credit: 3 semester hours.

**132, 133—Elementary Harmony.** Elementary keyboard and written harmony; sight singing; ear training. Prerequisite: MTy 131 or by advanced standing exam. Class: 5 hours. Credit: 3 semester hours.

DEPARTMENT OF MUSIC







Schedule of Classes by Groups - 1967

Registration

Registration Time Schedule

*First Term - continued*

HPE 223M- 1 Sr Life Saving	Pool Rogas	MTH 131- 4 Finite Mth I	106C Baj
HPE 223M- 2 Sr Life Saving	Pool Rogas	MTH 134- 3 College Algebra	202BG Staff
HPE 320M- 1 First Aid	100MG Tipton	MTH 134- 4 College Algebra	134E1 Staff
HPE 435- 1 Adapted PE	107MG Williams	MTH 138- 3 Analysis I	100MG Vanzant
HPE 111W- 1 Activity	Court Gremillion	MTH 139- 2 Analysis II	203BG Latimer
HPE 331- 1 H Ed Elem Sch	103UG Holm	MTH 231- 2 Analysis III	209BG Dement
MT.T. 331- 1 Childrens Music	101MS Fleau	MTH 232- 2 Analysis IV	212BG Dement

*First Term - continued*

PSY 231- 2 General Psv

228P Cunningham

CHM 669B- 1 Thesis

Staff

**SECOND TERM**

**Registration**

Registration--July 17  
CLASS REGISTRATION

**Registration Time Schedule**

DAY CLASSES - July 17, 1967

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

*Second Term continued*

ECR 669A- 1 Thesis  
ECR 669B- 1 Thesis  
ENG 669A- 1 Thesis  
ENG 669B- 1 Thesis

101E1 Thomas  
101E1 Thomas  
Staff  
Staff

GROUP G  
(6:00 p.m.-8:00 p.m.)

BA 435- 1 Human Rel 118B Hay

## HOW TO ENTER LAMAR

### If You Have Graduated from High School

1. Submit application for admission on the official form.
2. Submit a completed Health Data Form properly executed by a physician. This requirement applies only to students entering DAY CLASSES for the first time.
3. Request that Lamar Tech be sent a copy of your record as soon as 7 semesters have been completed. Immediately after graduation a supplementary transcript covering the last semester of work and certifying your graduation should be supplied.
4. Take the Scholastic Aptitude Test of the College Entrance Examination Board and have a record of the test scores sent to the college admissions offices.
5. If you do not plan to live at home send your dormitory deposit (\$20.00) with request for space to Student Life Office, Lamar State College, Beaumont, Texas.

### If You are Transferring from Another College

1. Submit application on the official form.
2. Submit the Health Data Form properly executed by a physician. This requirement applies to students entering DAY CLASSES for the first time.
3. Submit transcripts from EACH college previously attended. This requirement applies regardless of whether credit was earned or is desired. Make sure transcripts are sent under your present name.
4. Submit SAT scores if less than 18 semester hours have been earned. A total score of 700 is required.
5. If you do not plan to live at home send your dormitory deposit (\$20.00) with request for space to Student Life Office, Lamar State College, Beaumont, Texas.

### If You are Applying as a Transient for Summer Work Only

1. Submit application on the official form. Admission as a transient student is

# Index

Accreditation . . . . . 6

Administrative Officers . . . . . 2