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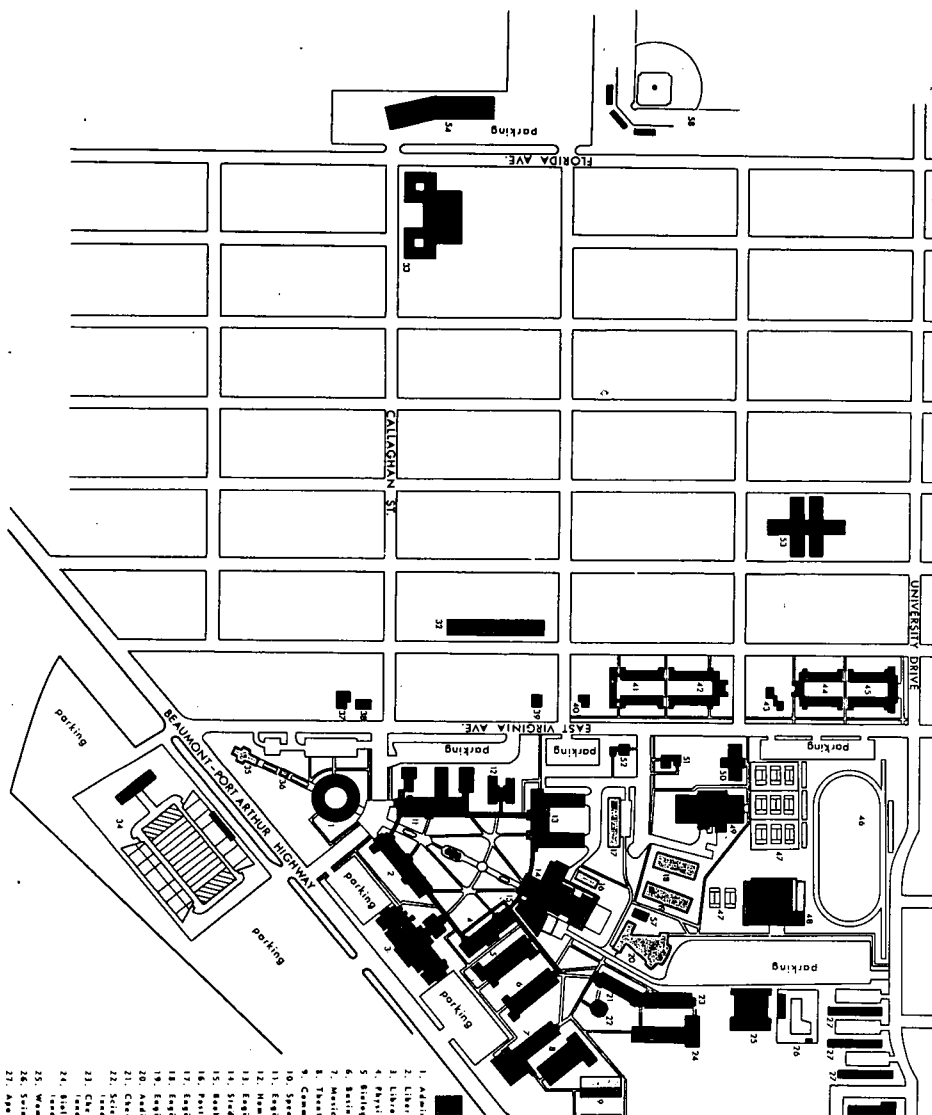
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BULLETIN

of

LAMAR STATE COLLEGE OF TECHNOLOGY

JAMAR STATE COLLEGE OF TECHNOLOGY

LAMAR STATE COLLEGE OF TECHNOLOGY

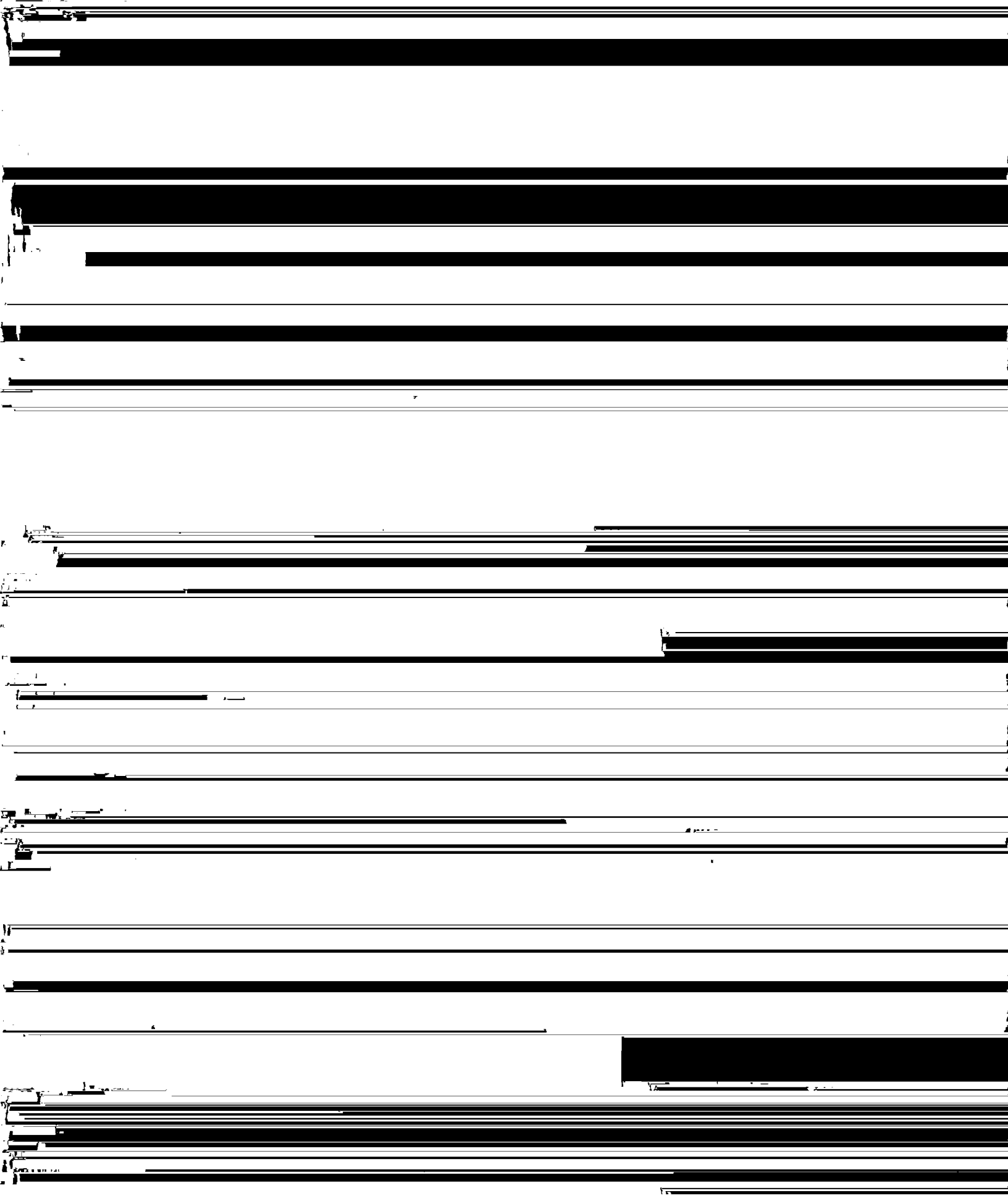
SUMMER SESSION

First Term

- June 2 Sunday . . . Limited operation of dormitories.
June 3 Monday . . . Registration, 8 a. m.
June 4 Tuesday . . . Registration--evening classes, 6 p. m.
Classes begin 7 a. m.
Late registration (penalty fee charged).
Payment of fees is a part of registration.
June 5 Wednesday . . . Last date for registration or for adding courses, 7 p. m.
June 7 Friday . . . Fourth Class Day
June 14 Friday . . . Last date for application for August graduation, 5 p. m.
June 24 Monday . . . Last date for dropping courses or withdrawing without
penalty, 7 p. m.
July 11-12
Thursday, Friday . . . First term finals
July 13 Saturday . . . Last date for reporting term grades to Registrar's office.
noon

Second Term

June 24 Monday . . . Registration, 8 a. m.



ORGANIZATION OF THE COLLEGE

by

Schools and Departments

SCHOOL OF LIBERAL ARTS

(Bible)

SCHOOL OF ENGINEERING

Chemical

Civil

GENERAL INFORMATION

Location

Lamar State College of Technology is a state-supported institution located in the center of industrial Southeast Texas at Beaumont. Principal industries in the area are oil refining, shipping, shipbuilding, rubber manufacturing, and chemical production. Surrounding the urban communities are ranches and rice farms.

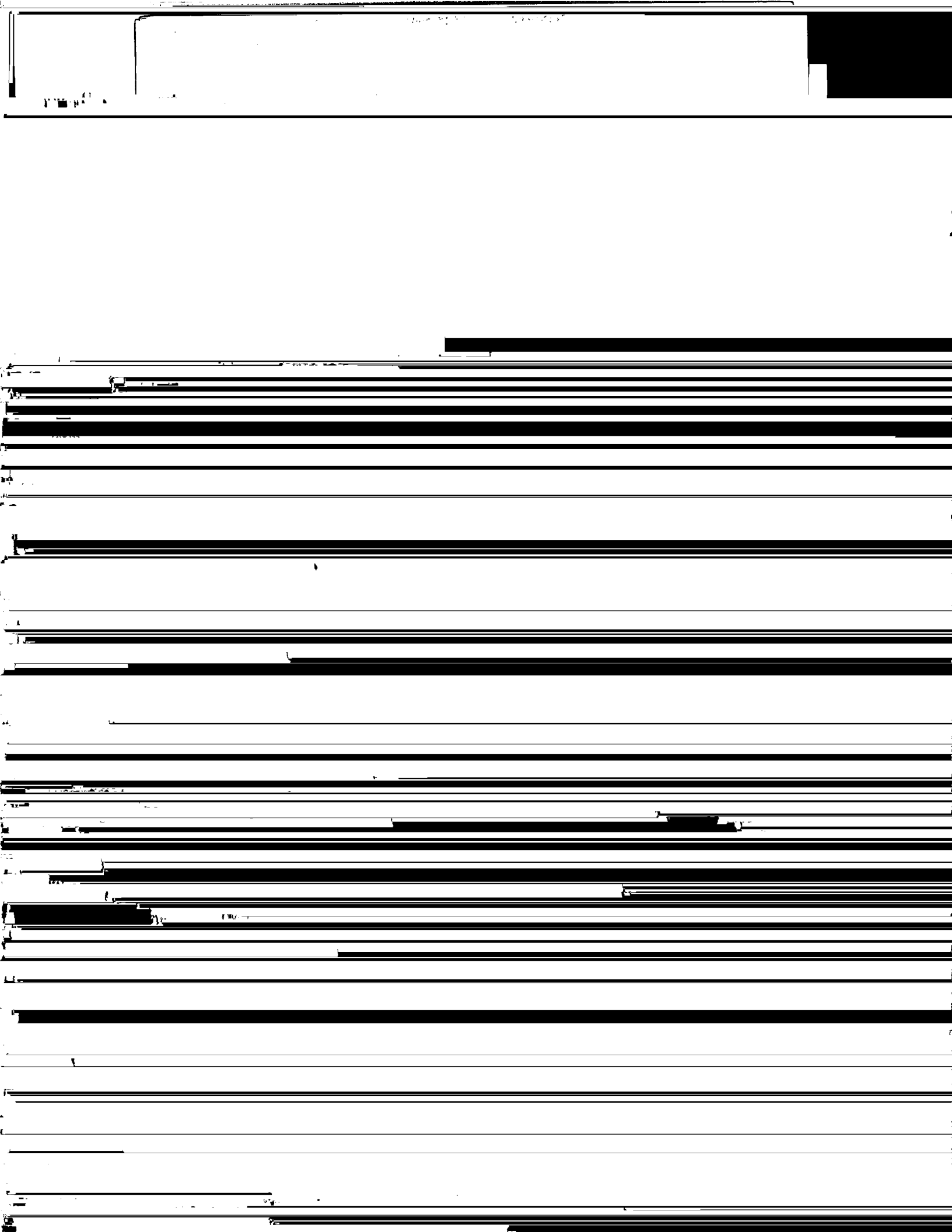
The campus faces the Beaumont-Port Arthur Highway in southeastern Beaumont. With a population of approximately 130,000, Beaumont has modern schools, churches, and shopping districts to serve the thriving industrial community.

History

South Park Junior College was established in 1923. The college was organized and controlled by the South Park Independent School District, and classes were conducted in the South Park High School Building. Enrollment increased from about 125 in 1923 to 300 in 1931.

In 1932, the name of the institution was changed to Lamar College. At this time separate facilities were provided, additional equipment was purchased and new policies were instituted. By 1939, enrollment was approximately 640.

In 1940, Lamar Union Junior College District was created, and Lamar College was separated from the South Park Independent School District. Bonds were voted and new facilities were constructed on the site of the present main



GENERAL REGULATIONS

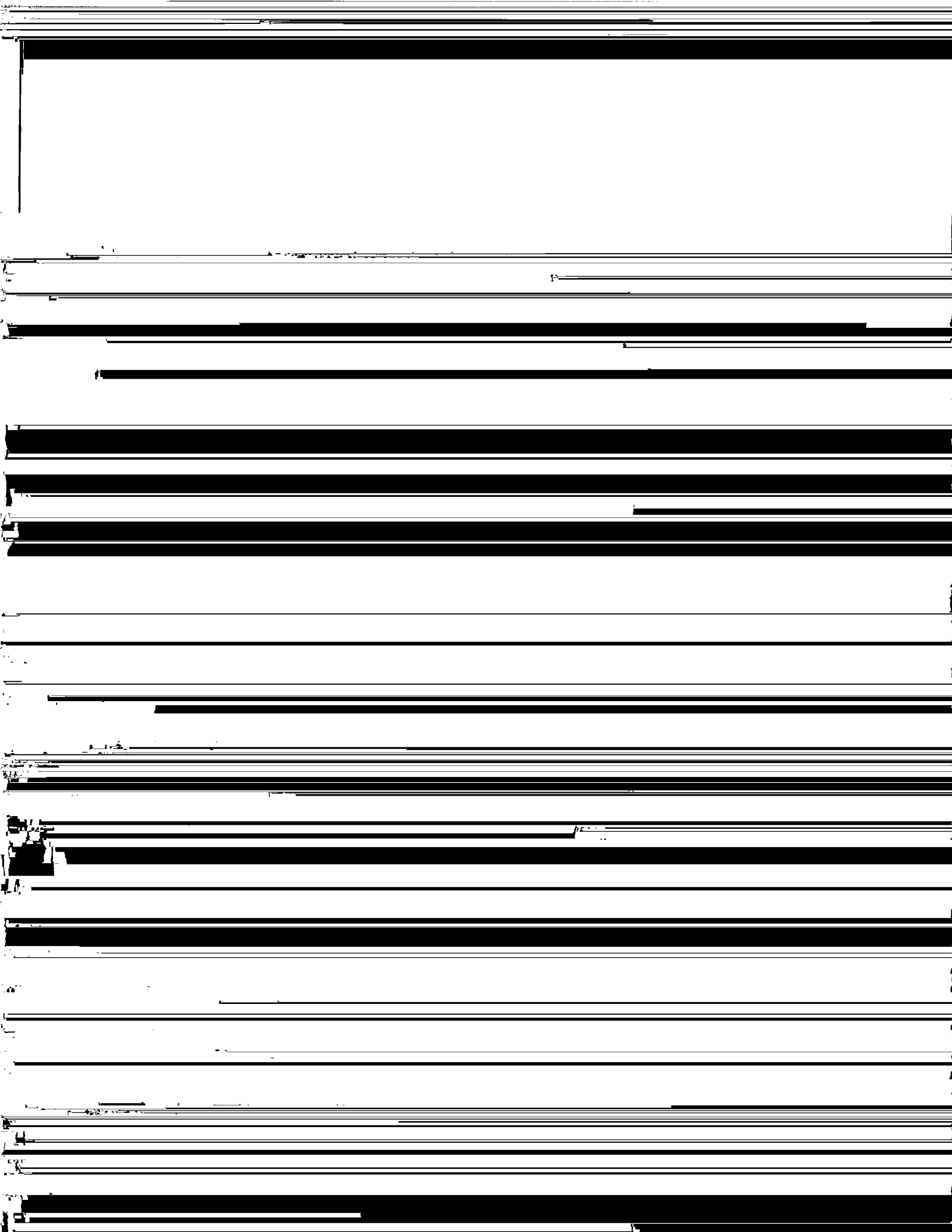
The general regulations of the College apply to the Summer Session. Students should read all regulations regarding academic matters listed in the current General Catalog.

Among the more timely regulations with the Summer Session student is

ACADEMIC INFORMATION

Advantages of Summer Session

The summer session is an important part of the total education program.



Health Data Requirement

All students entering day classes for the first time at Lamar State College must file a Health Data Form with the Dean of Admissions. This regulation does not apply to transient students.

Social Security Number Required

The application for admission form calls for the applicant's Social Security Number. The number will be used as a permanent student number in machine processing of student records. Non-holders of Social Security cards should secure one so that the proper information can be entered on the application form.

Temporary Admission

Students entering Lamar in the summer often find that the interval between the completion of high school work and the beginning of a college

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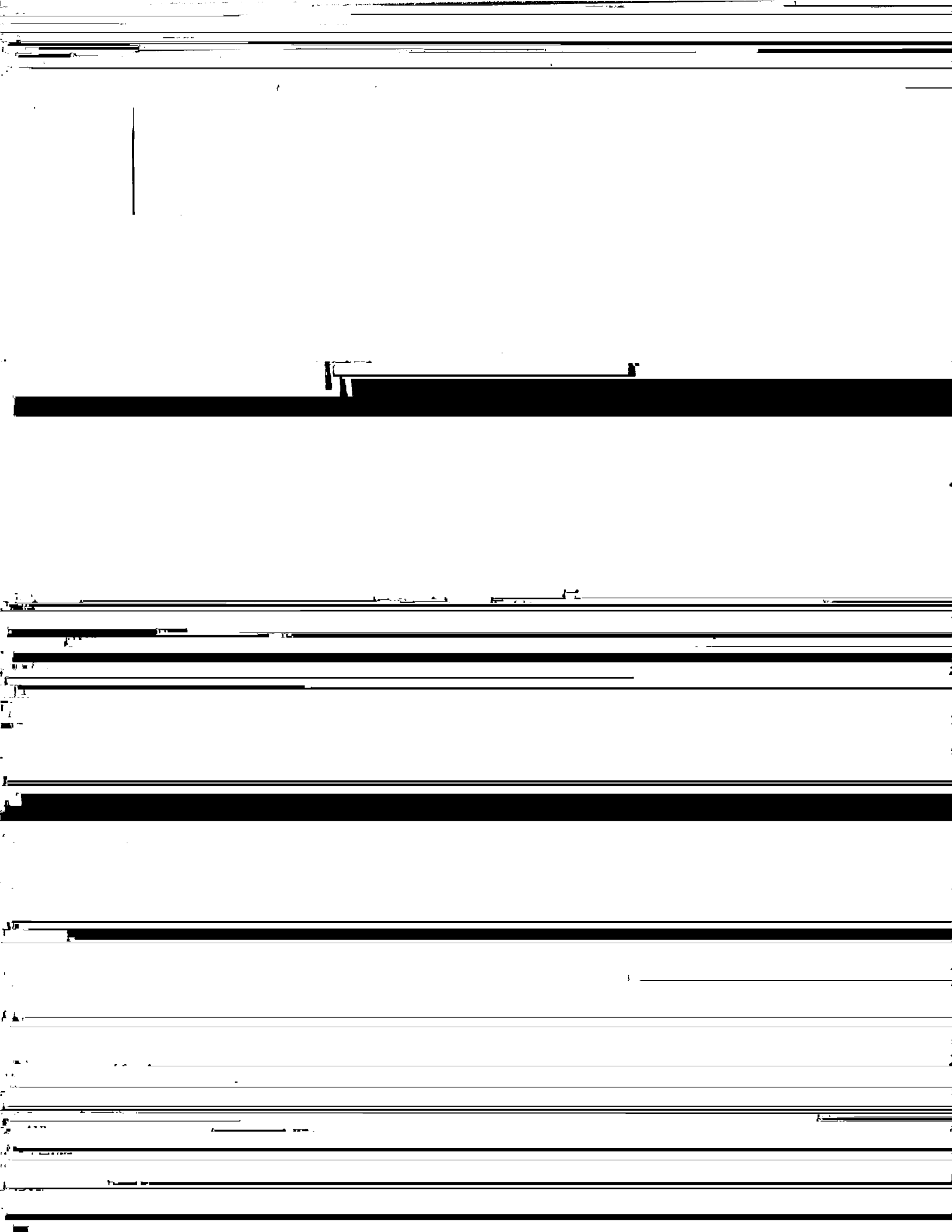
Student Load

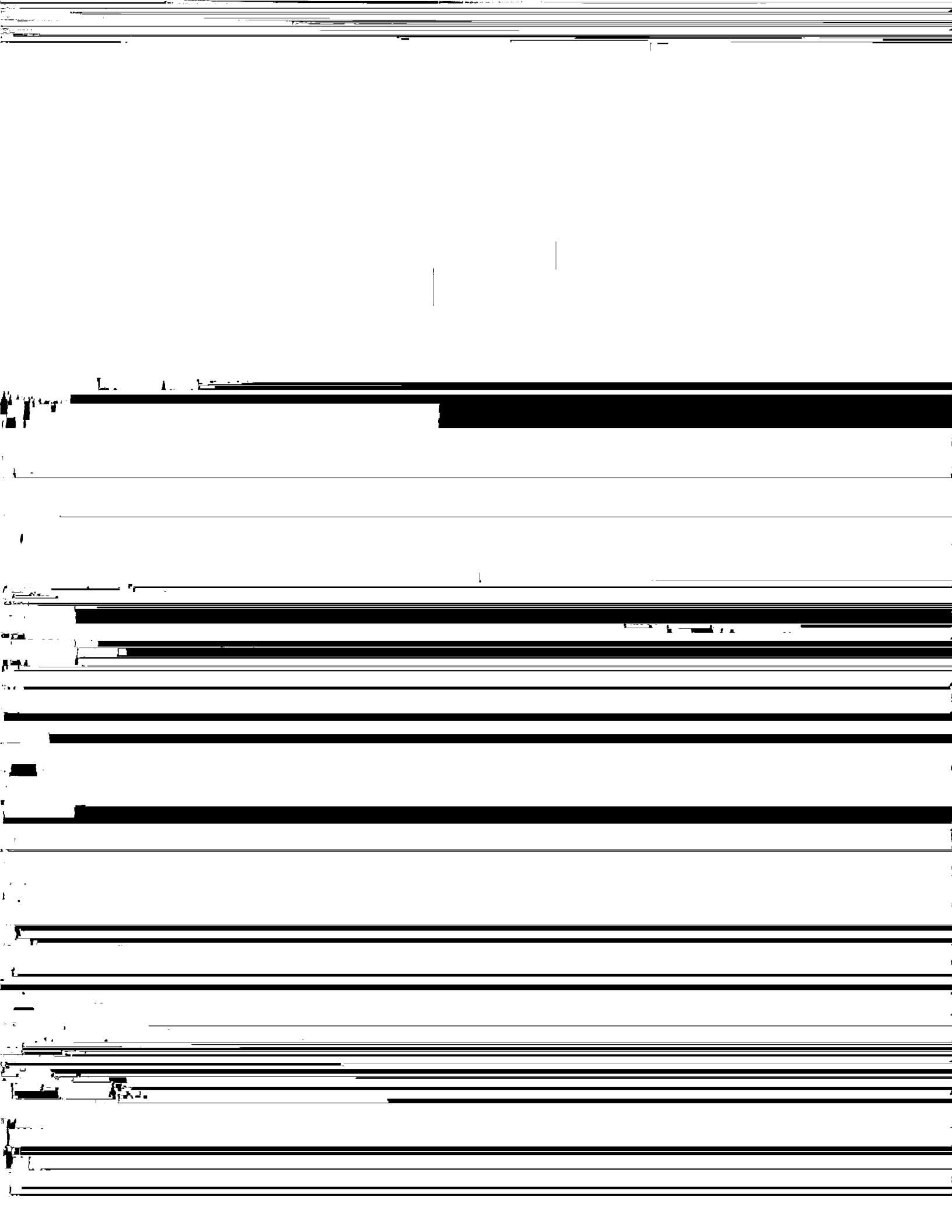
_____ semester hours

FACILITIES

Located on a campus of approximately 150 acres and valued in excess of \$30,000,000, the Lamar plant includes many new and functional buildings of modern design.

These structures include: Administration Building, Art Building, Biology-
Geology Building, Bookstore, Budget Building, Chemistry Building, Civil



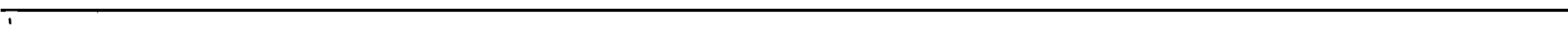
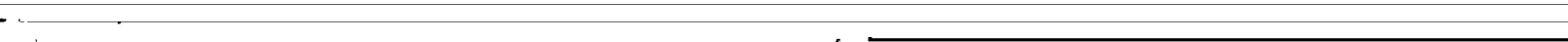
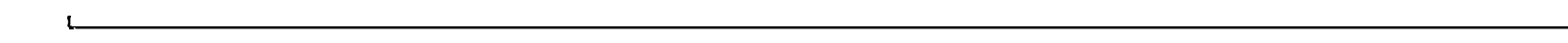
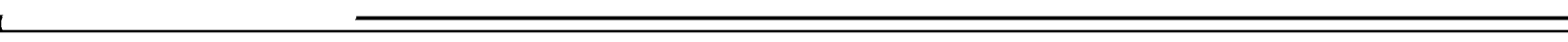
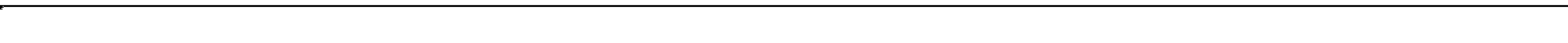
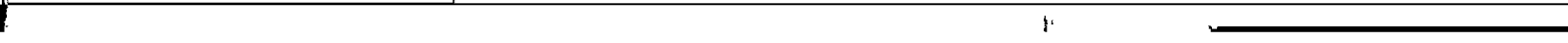
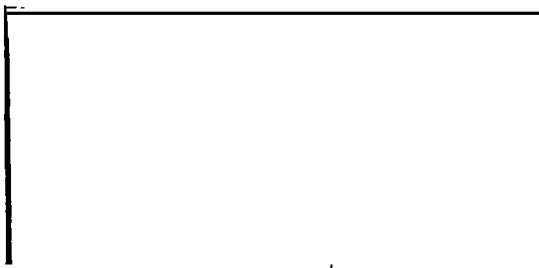


SERVICES

Counselors

At registration each student is assigned a faculty counselor who is available for educational, vocational, and personal guidance. All students are expected to make appointments with counselors during each semester. Such arrangements are the responsibility of the student.

Counseling sessions will insure that a program of study is pursued in proper





School of Liberal Arts

DEPARTMENT OF ENGLISH

English (Eng)

538—**Studies in Twentieth Century Literature.** An intensive study of an author or related authors selected from the period. Course may be repeated for a maximum of six semester hours credit when the topic varies. Prerequisite: graduate standing. Class: 3 hours. Credit: 3 semester hours.

539—**Studies in American Literature.** An intensive study of an author or related authors selected from the period. Course may be repeated for a maximum of six semester hours credit when the topic varies. Prerequisite: graduate standing. Class: 3 hours. Credit: 3 semester hours.

DEPARTMENT OF GOVERNMENT

Government (Gov)

231—**The American Constitutional System, Federal and State.** A study of the background and composition of the national and state constitution; local government; the federal and state judiciaries; civil liberties. Prerequisite: sophomore standing. Class: 3 hours. Credit: 3 semester hours.

232—**American and State Government Organization.**

DEPARTMENT OF HISTORY

History (His)

131—History of World Civilization. Survey of world history to 1660.
Class: 3 hours. Credit: 3 semester hours.

132—History of World Civilization. Survey of world history from 1660
to the present. Class: 3 hours. Credit: 3 semester hours.

DEPARTMENT OF MODERN LANGUAGES

French (Fre)

131—First Year French. Pronunciation, conversation, reading, dictation, fundamentals. Use of recordings. Class: 3 hours. Credit: 3 semester hours per course.

132—First Year French. Reading, grammar, exercise in composition, conversation. Use of recordings. Prerequisite: French 131 or equivalent determined by examination. Class: 3 hours. Credit: 3 semester hours.

231, 232—Reading, composition, conversation. Prerequisite for French 231: French 132 or equivalent. Class: 3 hours. Credit: 3 semester hours per course.

German (Ger)

131—First Year German. Pronunciation, conversation, reading, dictation, fundamentals. Use of recordings. Class: 3 hours. Credit: 3 semester hours.

132—First Year German. Reading, grammar, conversation, exercises in composition. Use of recordings. Prerequisite: German 131 or equivalent determined by examination. Class: 3 hours. Credit: 3 semester hours.

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

Spanish (Spa)

131—First Year Spanish Pronunciation

DEPARTMENT OF PSYCHOLOGY

Psychology (Psy)

231—General Psychology. Introduction to general psychology. Class: 3 hours. Credit: 3 semester hours.

232—Introduction to Statistical Methods. Statistical concepts and techniques used in psychological research. Class: 3 hours. Credit: 3 semester hours.

... and development of

Geography (Geg)

230—Introduction. Basic features of the earth; climate, landforms, earth-sun relations. Relationship of culture and physical environment in selected geographical areas. Class: 3 hours. Credit: 3 semester hours.

Philosophy (Phl)

231—Introduction. General characteristics of philosophy as a field of knowledge and as a method of inquiry. Class: 3 hours. Credit: 3 semester hours.

232—Logic. Nature and methods of correct reasoning; deductive and inductive proof; logical fallacies. Class: 3 hours. Credit: 3 semester hours.

331—American Philosophy. Major philosophies and philosophers of American society from the colonial period to the twentieth century. Class: 3 hours. Credit: 3 semester hours.

Sociology (Soc)

131—Introduction. Sociology as a field of knowledge. Basic terms, concepts, and theories of sociology applied to an explanation of human behavior, personality, groups, and society. Class: 3 hours. Credit: 3 semester hours.

132—Social Problems. Attributes of society and of persons which are subject to disapproval; the causes, extent, and consequences of these problems; programs and prospects of their resolution. Class: 3 hours. Credit: 3 semester hours.

333—Urban Sociology. Social and ecological processes in the urbanization movement; characteristics of urban society and culture. Class: 3 hours. Credit: 3 semester hours.

334—Industrial Sociology. The social structure of industry and of the
and society: personal.

School of Sciences

DEPARTMENT OF BIOLOGY

Biology (Bio)

141-142—General Biology. A brief survey of living things; a comparison of structural and functional adaptations for fundamental life processes; principles of reproduction, inheritance, development and phylogenetic relationships; interactions of organisms with the environment. Credit for first semester prerequisite for enrollment in second. Class: 3 hours. Laboratory: 2 hours. Credit: 4 semester hours per semester.

240—Comparative Anatomy of the Vertebrates. Comparative anatomy presented from systemic viewpoint. Designed primarily for biology majors, pre-medical, and pre-dental students. Prerequisite: Bio 141-142

531—Seminar in Biological Sciences. Designed to enhance the biological science background of non-science majors. Relevant biological concepts, library research and synoptic reports, lectures by staff on special topics. Class: 3 hours. Credit: 3 semester hours.

532—Mycology. Isolation, cultivation and identification of fungi with special emphasis on those of economic importance. Lecture: 2 hours. Laboratory: 3 hours. Credit: 3 semester hours.

DEPARTMENT OF CHEMISTRY

Chemistry (Chm)

141—General. General principles, problems, fundamental laws and theories. Class: 3 hours. Laboratory: 3 hours. Credit: 4 semester hours.

142—General. A continuation of Chem 141. Elementary qualitative analysis and theories of solutions and equilibrium. Properties of the elements. Prerequisite: Chm 141. Class: 3 hours. Laboratory: 3 hours. Credit: 4 semester hours.

143—Introductory. For non-science majors. A survey course in elementary chemistry. Lecture and laboratory work in inorganic chemistry. Class: 3 hours. Credit: 4 semester hours.

431—Physical. Thermodynamic principles; modern chemical theory as applied to gases, liquids and solids. Prerequisites: Chm 142, Phy 142 or 241, Mth 232 (or parallel). Class: 3 hours. Credit: 3 semester hours.

432—Physical. A continuation of Chm 431. Prerequisite: Chm 431. Class: 3 hours. Credit: 3 semester hours.

DEPARTMENT OF GEOLOGY

Geology (Geo)

141—Physical Geology. Earth materials, structure, land forms, mineral resources, and the processes which have formed them. Class: 3 hours. Laboratory: 2 hours. Credit: 4 semester hours.

142—Historical Geology. History of the earth and its life. Prerequisite: Geo 141. Class: 3 hours.

241—Introductory Physics—Heat, Electricity and Magnetism. Emphasis is placed on derivations, units, and problem-solving. Prerequisite: Phy 140 or Egr 132 and credit for or registration in Mth 231. Class: 3 hours. Laboratory: 3 hours. Credit: 4 semester hours.

242—Introductory Physics—Sound, Light, and Quanta. Emphasis is

School of Business

DEPARTMENT OF ACCOUNTING

Accounting (Acc)

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

DEPARTMENT OF BUSINESS ADMINISTRATION
Business Administration (BA)

433—Advertising. Social and economic character of advertising. Production; administration; copy procedure; media; layout; budgets; organization; evaluation. Class: 3 hours. Credit: 3 semester hours.

232—Principles. Continuation of Eco 231. Allocation of resources; determination of output and prices; distribution; and managerial economics. Class: 3 hours. Credit: 3 semester hours.

233—Principles and Policies. Comprehensive introduction to economic principles and problems for non-business students. Resource utilization; price determination; distribution of income; fiscal and monetary problems; economic growth. Class: 3 hours. Credit: 3 semester hours.

333—Corporation Finance. Historical development and present organizational structure of the corporate form of business enterprise. Legal position; sources of capital; financial management; refunding; expansion. Class: 3 hours. Credit: 3 semester hours.

336—Survey of Labor Economics. Past development and present organizational structure of the labor movement in America and its impact on the industrial society. Labor market; collective bargaining; wages; economic

222—Production Typewriting. Speed production of office-style material. Business forms; statistical tables; financial statements; legal documents; reports; correspondence. Class: 1 hour. Laboratory: 2 hours. Credit: 2 semester hours.

331—Secretarial Office Procedures. Analysis of responsibilities and duties of the administrative secretary. Procedure; work simplification; supervision; office etiquette and ethics; sources of information. Class: 3 hours. Credit: 3 semester hours.

332—Dictation and Transcription. Continuation of SS 363 with stress

School of Engineering

Engineering (Egr)

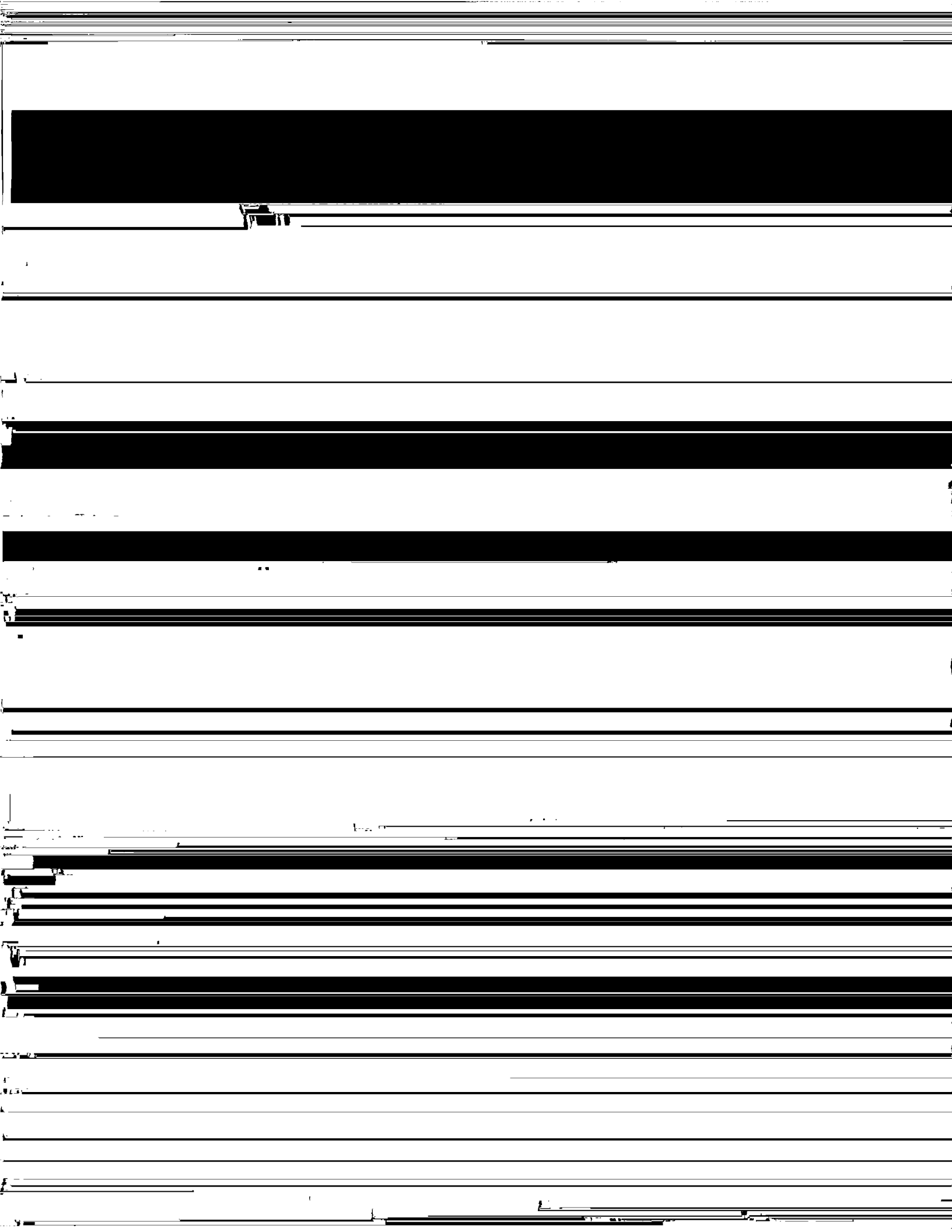
121—Engineering Graphics. Principles of orthographic projection combined with descriptive geometry to solve space problems graphically. Lettering and drafting technique emphasized. Laboratory: 6 hours. Credit: 2 semester hours.

122. M. J. ... of ... in the study of particle mechanics

333—**Thermodynamics II.** Properties of non-ideal substances. Maxwell relations, vapor pressure, latent heat, enthalpy-concentration diagrams, chemical equilibria, equilibrium constants, fugacity, and activity. Pre-

tion. Prerequisite: EE 331. Class: 3 hours. Credit: 3 semester hours.

335—Energy Conversion I (Direct). An introductory study of direct energy conversion methods such as those employed by

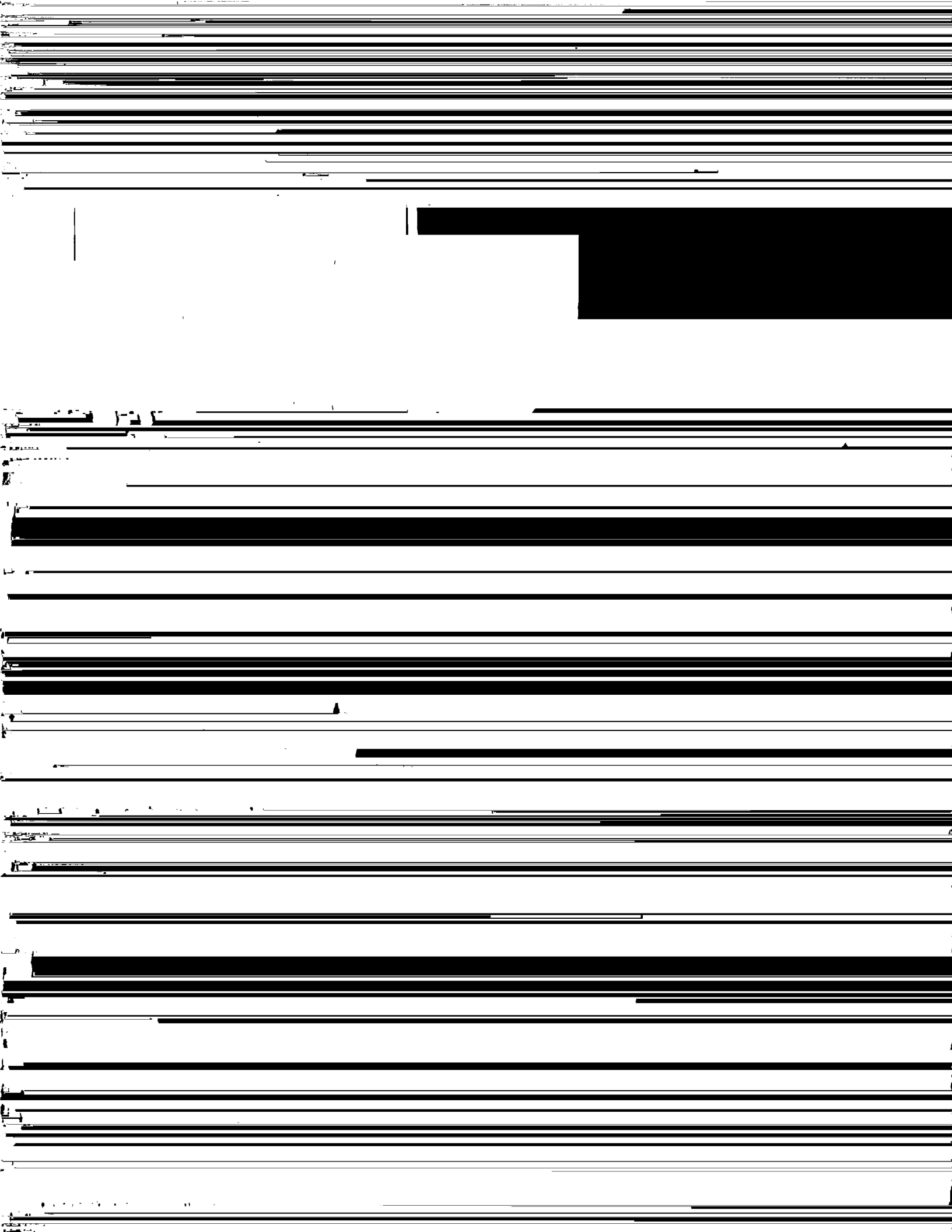


234—Probability and Statistics. Permutations and combinations, factorials, elementary principles of probability, mathematical expectation, averages, curve fitting, engineering applications. Prerequisite: Analysis III. Class: 3 hours. Credit: 3 semester hours.

School of Education

DEPARTMENT OF EDUCATION
Education (Edu)

330—Teaching Media and Programed Instruction. Observation, dem-



533—Contemporary Philosophies of Education. Influence of recent philosophies on education. Schools of educational philosophy and implications for curriculum development and teaching methods. Class: 3 hours. Credit: 3 semester hours.

534—Advanced Study in Human Development. A study of the development and nature of the human personality, especially as it affects the teaching-learning process. Prerequisite: graduate standing. Class: 3 hours. Credit: 3 semester hours.

535—Advanced Educational Psychology. Current theories and developments in the process of learning. Emphasis on motivation, transfer, and learning techniques. Prerequisite: graduate standing. Class: 3 hours. Credit: 3 semester hours.

536. *Methods of Teaching Languages, Arts, and Social Studies, Recent*

DEPARTMENT OF HOME ECONOMICS

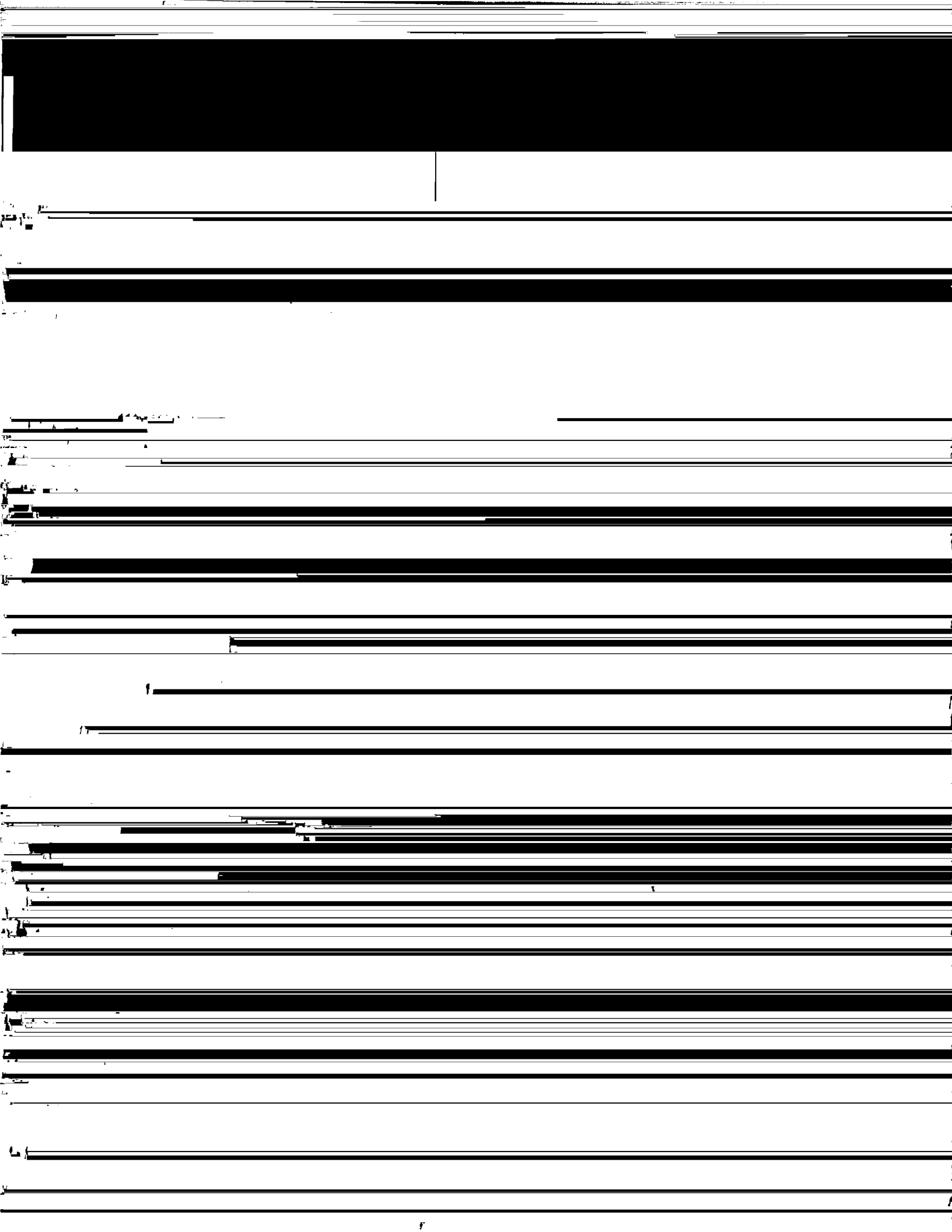
Home Economics (HEc)

235—Meal Management. Meal planning and food selection for nutritional adequacy throughout the life cycle for different socio-economic groups. Class: 1 hour. Laboratory: 4 hours. Credit: 3 semester hours.

332—Human Nutrition. Nutrition and functions of nutrients related to the chemistry and physiology of the human body throughout the life cycle. Class: 3 hours. Laboratory: 1 hour. Credit: 3 semester hours.

338—Philosophy and Principles of Vocational Home Economics Inter-

211M-212M—Activity. Continuation of required physical education activities. Consists of instruction in fundamental



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.)

including the areas of painting, sculpture, architecture, music, and theatre. To be

332—Children's Music. Techniques and materials in teaching of music in the upper elementary grades. Creative music, rhythmic activity, rote singing, reading of notation, and effective use of materials. Class: 3 hours. Credit: 3 semester hours.

Music Theory (MTy)

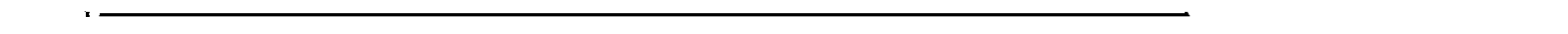
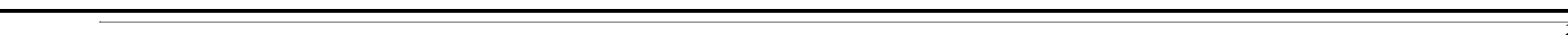
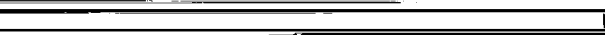
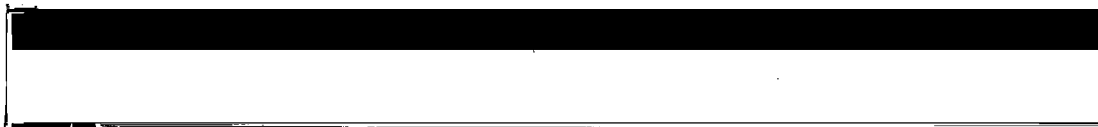
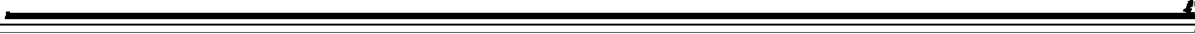
131—Elements of Music. A study of scales, chords, musical terminology, signatures, sight singing and rhythms. Designed to prepare students for advanced study in music theory or to familiarize non-music majors with the meaning of musical notation and the harmonic, melodic, and rhythmic structure of music.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

333—**Storytelling.** Study of stories for different ages of children; study of sources of stories; practice in adapting story material from various sources; building story-hour programs; practice in telling stories in laboratory and in nearby schools, hospitals, and homes; practice in writing stories for children. Class: 3 hours. Credit: 3 semester hours.

336—**Creative Dramatics.** Instruction in the methods of introducing creative dramatics into the elementary and junior high schools, and the presentation of projects related to the development of creative play-making in the home, community, and school. Class: 3 hours. Credit: 3 semester hours.

339—**Beginning Clinical Practice in Speech and Hearing Therapy**







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338	Curriculum, Materials and Eval, Sec. Schools. .1 & 2	3
339	Reading in the Elem. Schools.	3
3301	Survey in Edu. of Except. Child	3
3311	Nature and Needs of Mentally Retarded	3
3312	Edu. of Orthopedically Handicapped	3
430	Edu. of the Mentally Retarded	3
431	Psychology of Exceptional Child	3
434	Classroom Mgt. and Eval. - Elementary	3
437	Science and Social Studies - Elementary	3

538	Studies Modern Literature	1 & 2	3
539	Studies American Literature	1 & 2	3
FRENCH			
131	First Year French	1	3
132	First Year French	2	3
231	Read, Comp, Conversation	1	3
232	Read, Comp, Conversation	2	3
GEOGRAPHY			
230	Introduction	1 & 2	3
GEOLOGY			

	INDUSTRIAL ENGINEERING		
339	Manufacturing Processes	2	3
	MATHEMATICS		
131	Finite I	1 & 2	3
132	Finite II	1 & 2	3
133	Analytical Trigonometry	1 & 2	3
134	College Algebra	1 & 2	3
135	Contemporary Mathematics I	1	3
136	Contemporary Mathematics II	2	3
137	Contemporary Mathematics III	2	3
138	Analysis I	1 & 2	3
139	Analysis II	1 & 2	3
231	Analysis III	1 & 2	3
232	Analysis IV	1 & 2	3
233	Linear Algebra	1	3
234	Probability and Statistics	1 & 2	3
331	Differential Equations	1	3
338	Advanced Calculus	1	3
339	Advanced Calculus	2	3
3301	Introduction to Data Processing	1	3
431	Intro. Functions Complex Variable.	1	3
432	Intro. Functions Complex Variable	2	3
4301			

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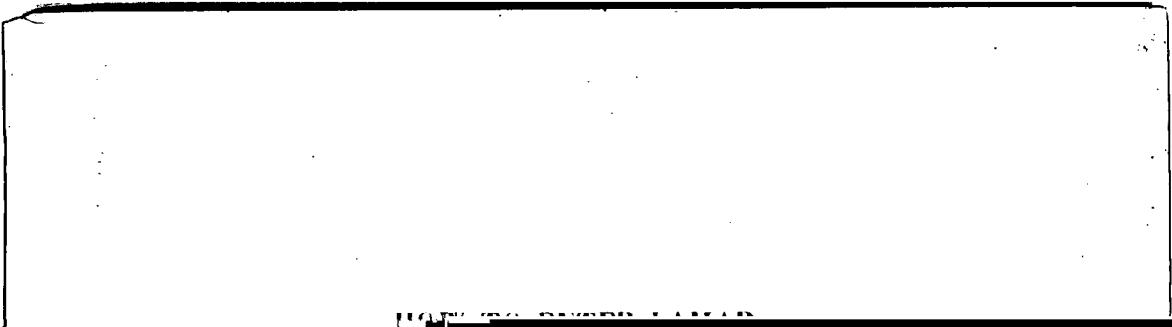
332	Social Psychology	23
333	Urban Sociology	13
334	Industrial Sociology	13
338	Criminology	23
339	Juvenile Delinquency	23
430	Seminar in Sociology	23
436	Social Movements	13

SPANISH

131 First Year Spanish

EVENING CLASSES

Terms 1 and 2



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