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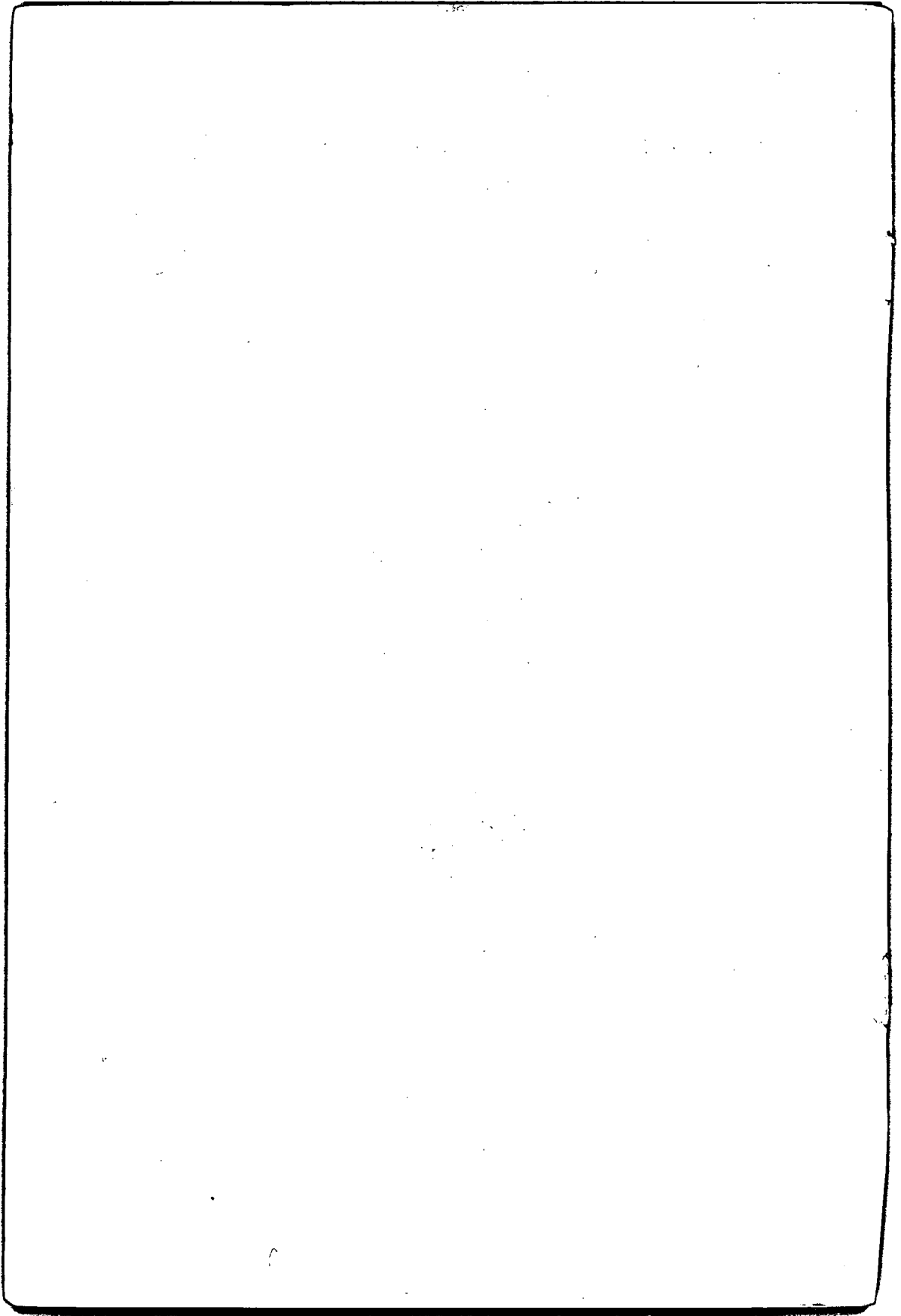
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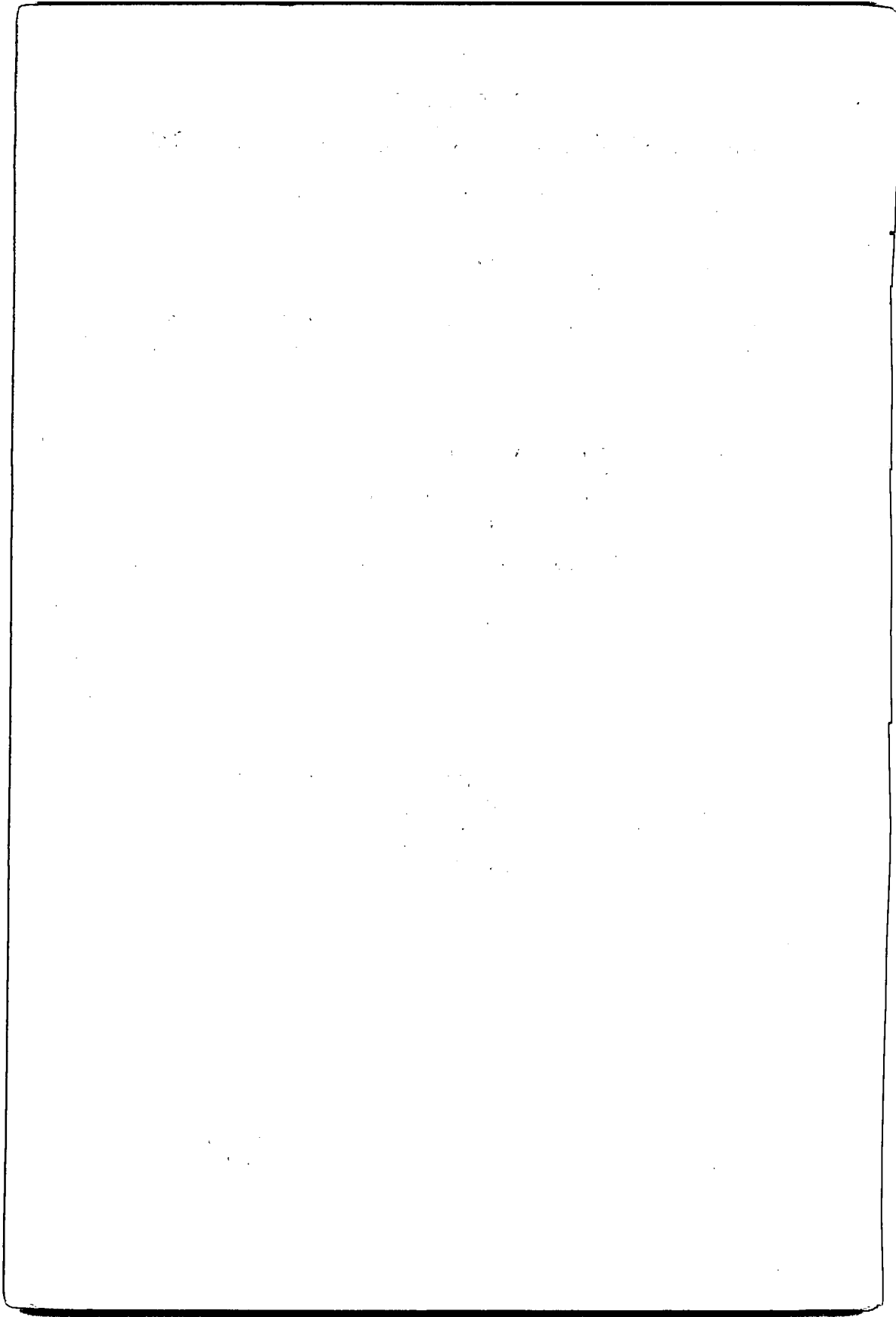
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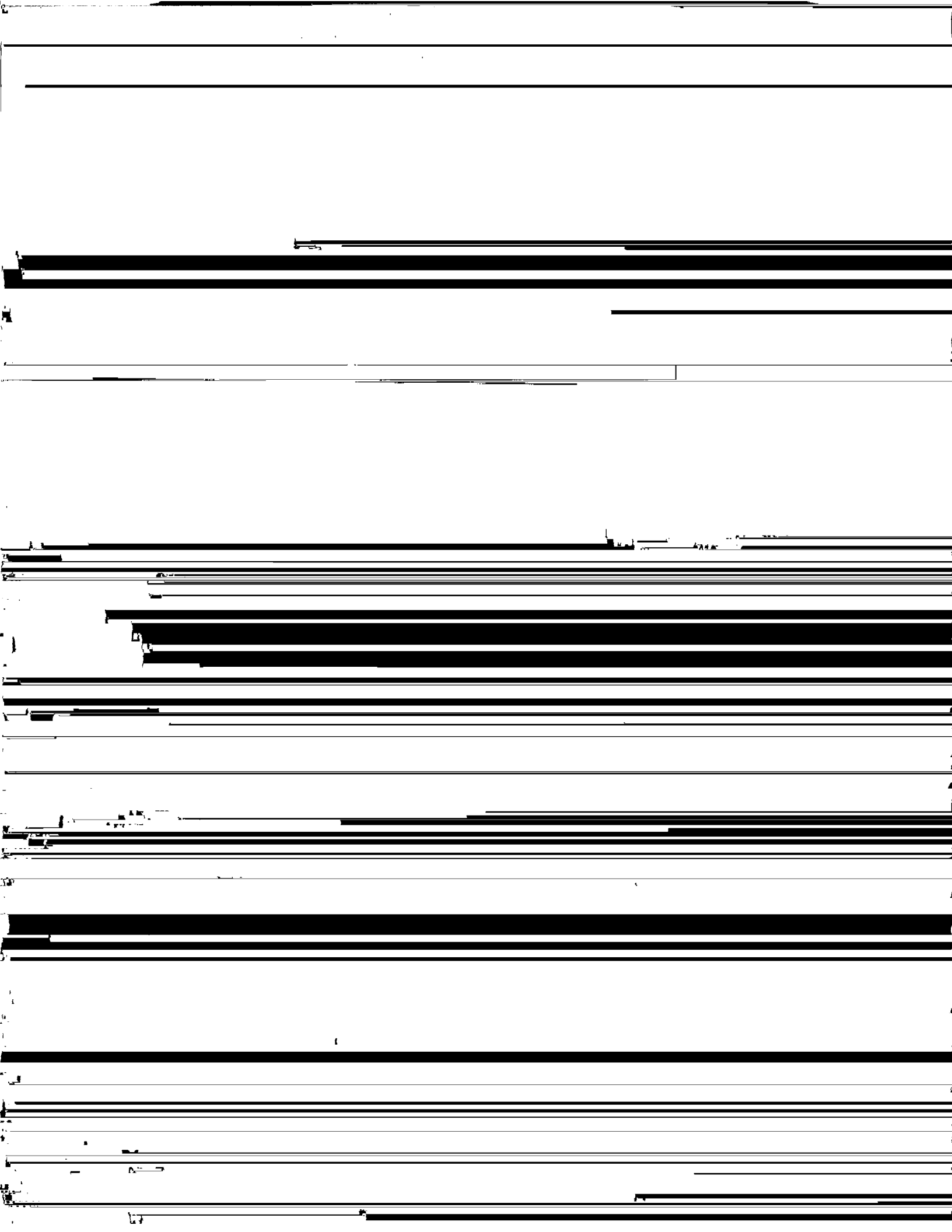
BOARD OF REGENTS

J. B. Morris, Chairman.....Beaumont, Texas  
Otho Plummer, Vice-Chairman.....Beaumont, Texas  
Garland Shepherd, Secretary.....Beaumont, Texas  
J. D. P. ....Liberty, Texas

**CALENDARS FOR 1968 AND 1969**

JANUARY 1968	MAY 1968	SEPTEMBER 1968
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AMAR STATE COLLEGE OF TECHNOLOGY







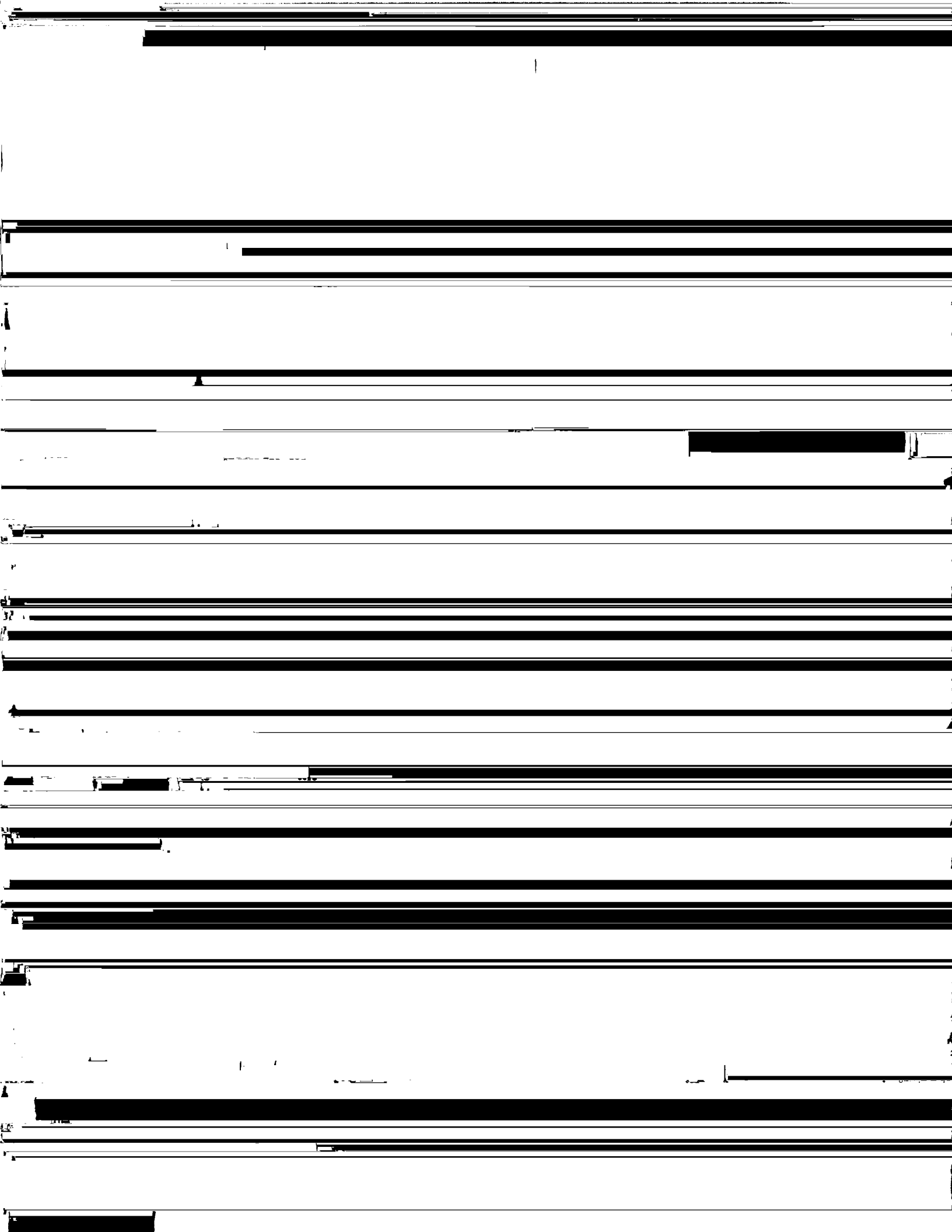




THE FACULTY

OFFICERS OF ADMINISTRATION

R. W. SETZER, A.B., M.A., Ph.D., President



GENERAL INFORMATION

Location

Jamar School of Vocations is a part of Lamar State College of Tech

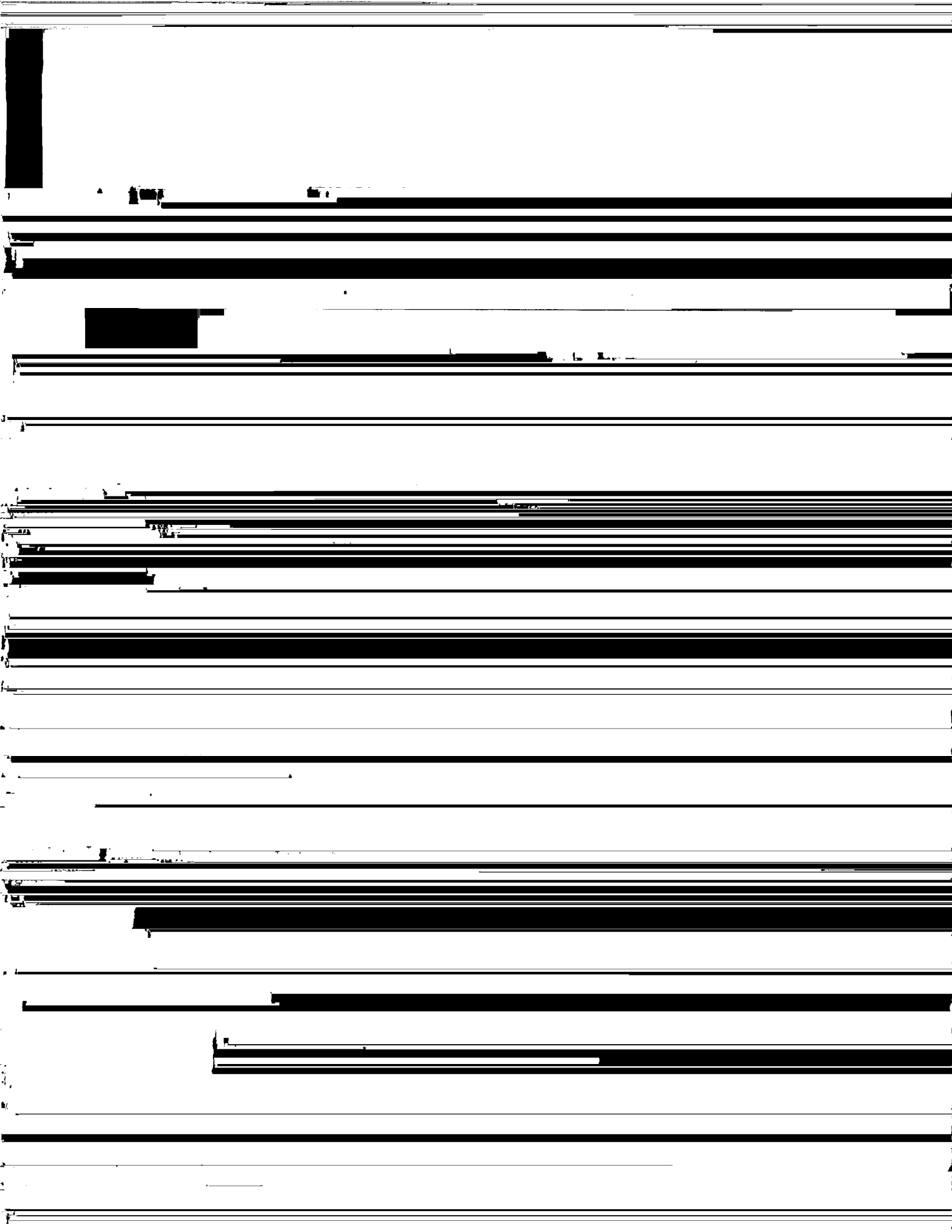


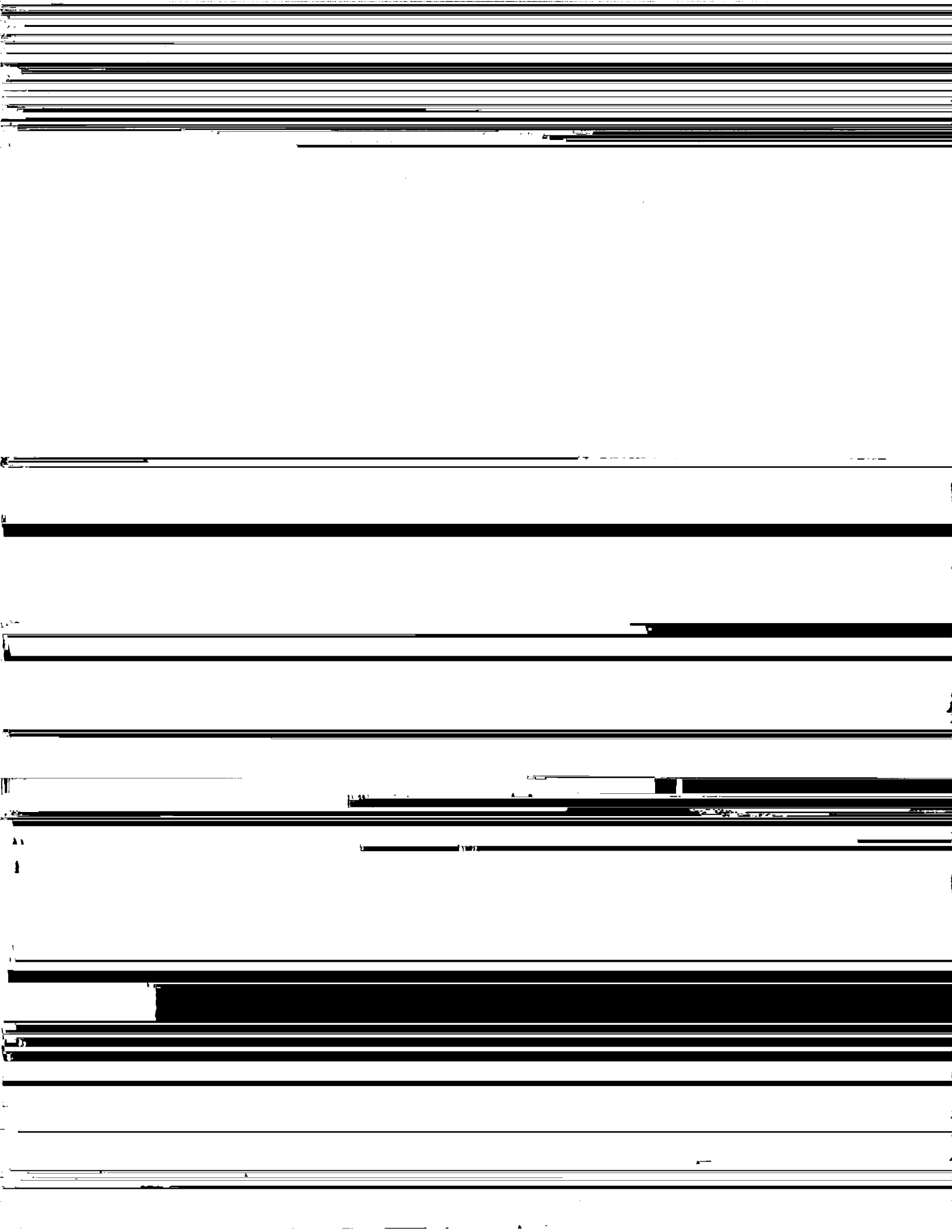
**The Library**

A new addition to the Library was occupied in the fall, 1966. This addition more than doubled the space of the Library, providing the student body and faculty with additional seating capacity, reference rooms, individual study rooms, etc. The Library is open to the public.



Placement Service





**Course Numbering**

Semester units of a course are numbered separately, and each number contains three figures. The first digit indicates the rank of the course; 1 means that it is for freshmen, 2 for sophomores. The second figure indicates

**Grade Points**

For the purpose of computing cumulative and collective grade averages, grade points are assigned as follows: To the grade, A, 3 points; to B, 2 points; to C, 1 point; to D and F, 0 points. A student's grade-point average for a semester, or for a longer period, is obtained by multiplying the number

6. Students who accumulate as many as 3 consecutive absences or

**Scholastic Probation**

A student not making acceptable scholastic progress may be placed on scholastic probation if such procedure seems advisable but if a student makes less than six semester hours and nine grade points scholastic probation

It is strongly recommended that the new student consult the Director of the school before beginning of the semester so that an appropriate program of study may be planned.

Registration is completed by payment of tuition and fees.

Students who expect to attend under the Veterans' Benefit Plan should secure a certificate of eligibility from the Veterans' Administration before registration. The Veterans' Office of Lamar or the local Veterans' Administration Office will help in securing this certificate.

No one may register after the last date for registration for credit shown on the official calendar.

#### **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 study 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.

#### **Admission to Class**

The only way to become a member of a class is to register for it through the regular registration procedure. After fees are paid, an admission card for each lecture and laboratory class is issued to the student by the Office of



**New Courses**

In order to meet changing educational requirements, the College reserves the right to add any needed courses at any time without regard to the listing of such courses in the catalog. It is expected that listing of these courses will appear in the next catalog issue.

The right to change numbers in order to indicate changes in semester hours credit is also reserved for the reason above. Elsewhere in this catalog under "Course Numbering" is a further explanation of this policy.

*Clarification of Standards*

For the purpose of establishing eligibility, two six-week summer terms may count as one semester.

Transfer students have the same eligibility as freshman students until completion of one semester at Lamar.

#### **Eligibility for Intercollegiate Activities**

A high school graduate who has been admitted as a regular student and who is registered for a minimum of twelve semester hours is eligible for intercollegiate athletics in the Southland Conference of which Lamar is a member.

Further competition in intercollegiate athletics depends upon the student's ability to carry a minimum of twelve semester hours and to pass at least 9 semester hours with at least 9 grade points.

For further details on eligibility for intercollegiate athletics the student is directed to make inquiry of the Director of Athletics.

#### **Organization of Clubs**

Any group of Lamar students may organize a club on the campus if the objectives of the club are worthwhile.

In order to have faculty approval, clubs must meet the following requirements:

1. Membership must be limited to Lamar students.
2. Objectives must be worthwhile.
3. Must have a faculty sponsor.
4. Official list of officers and sponsor for the current semester must be on file in the Dean's Office.

#### **Official Summons**

An official summons from any administrative office, Division Director,

**Telephone Service**

Public telephone pay stations have been installed in the Administration, Engineering, Home Economics, Union and Vocations Buildings. Students are expected to use these telephones for their personal calls. Office telephones are for the use of faculty and administrative personnel only. Incoming telephone calls for students are transmitted to the student between classes only, except in cases of emergency.

## FEES AND EXPENSES

## EXPENSES

## Payment of Fees

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

A student is not registered until all his fees are paid in full. Payment may be made by check, money order, or currency. Checks and money orders, not in excess of total fees, should be made payable to Lamar State College of Technology and will be accepted subject to final payment.

## Fees Summary

## Resident Students (Texas)

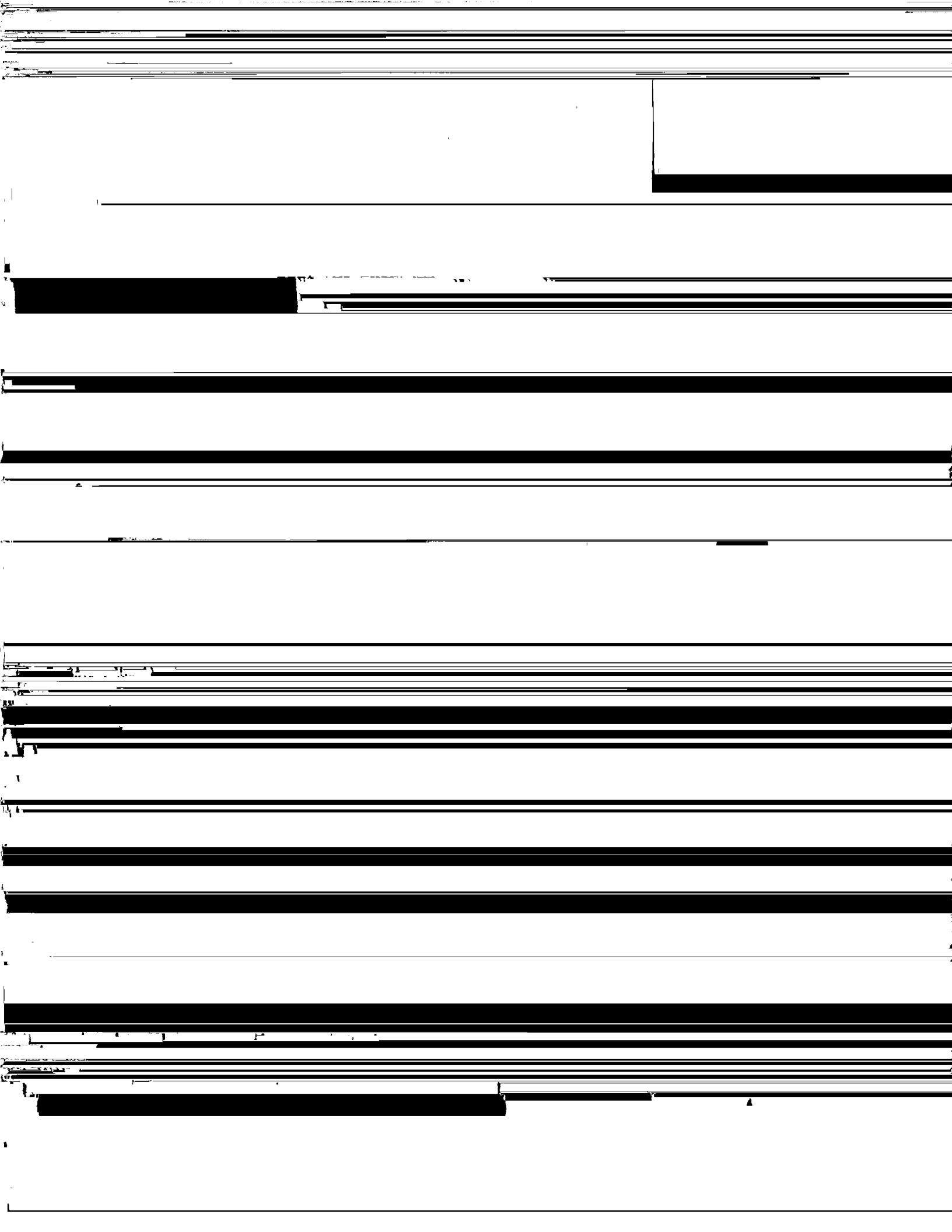
Semester Hours	Tuition	S.S. Fee	Bldg. Use Fee	Total + Laboratory Fees	Lab fee
12 or more	\$50.00	\$22.00	\$14.00	\$86.00	+
11	47.00	22.00	14.00	83.00	" " "
10	43.00	22.00	14.00	79.00	" " "
9	39.00	22.00	14.00	75.00	" " "
8	35.00	22.00	14.00	71.00	" " "
7	31.00	8.00	7.00	46.00	" " "
6	27.00	8.00	7.00	42.00	" " "
5	23.00	8.00	7.00	38.00	" " "
4	19.00	8.00	7.00	34.00	" " "
3 or less	15.00	8.00	7.00	30.00	" " "

## Non-Resident Student (out of Texas)

Semester Hours	Tuition	S.S. Fee	Bldg. Use Fee	Total + Laboratory Fees	Lab fee
12 or more	\$200.00	\$22.00	\$14.00	\$236.00	+
11	183.00	22.00	14.00	219.00	" " "
10	167.00	22.00	14.00	203.00	" " "
9	150.00	22.00	14.00	186.00	" " "
8	133.00	22.00	14.00	169.00	" " "
7	117.00	8.00	7.00	132.00	" " "
6	100.00	8.00	7.00	115.00	" " "
5	83.00	8.00	7.00	98.00	" " "
4	66.00	8.00	7.00	81.00	" " "
3 or less	50.00	8.00	7.00	65.00	" " "

For summer session students, the student service fee is \$12.00.

These fees have been approved by appropriate acts of the Legislature of the State of Texas.



**Fines and Breakage Loss**

All library fines, breakage or loss of equipment charges, or other charges must be paid before a transcript of credit or a permit to re-enter college will be issued.

The College reserves the right to make a special assessment against any student guilty of inexcusable breakage or loss of instructional equipment or other college property.

**Special Fees**

Fees for courses for which special plans must be prepared and for which specialists must be secured as instructors will be set for each such course by the college administration subject to the approval of the president.

**Exemption 1. Scholarships to High School Honor Graduates**

The highest ranking student in the graduating classes of fully affiliated Texas high schools will be entitled to a scholarship at Lamar State College of Technology. The scholarship is valued at \$100.00 and must be utilized during the long session immediately following graduation.

**Exemption 2. Ex-Service Men of World War I and World War II**

Men and women who were citizens of Texas and who were inducted in the Armed Forces in Texas in World War I or World War II and were honorably discharged therefrom, and who are not eligible for educational benefits provided for veterans of the United States Government, are exempted from payment of tuition but not from other fees. To obtain this exemption the service record, discharge papers, or other necessary papers must be presented at the time of registration.

**HOUSING**

Proposed housing arrangements must be approved before a student can be accepted for admission or re-enrollment. A completed Request for Approval of Housing form must be submitted by all students seeking to

**Apartments (upperclassmen)**

The college maintains a number of apartment units for upperclassmen who desire this type of housing facility. These apartments are completely



No refunds will be issued on cancellations received after this date. All unclaimed rooms and apartments will be declared vacant and the deposit forfeited at 6:00 p.m. on the last day of registration unless the student gives the Assistant to the Dean of Student Life office written instructions to hold

HOUSING

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October (board payment) . . . . .	60.92
November (board payment) . . . . .	53.06
December (board payment) . . . . .	37.34
January (board payment) . . . . .	41.27
	<hr/>
	\$357.07 (total charge for fall semester)
	\$135.00 (semester room rent)
	66.81 (February board payment)



**SCHOOL OF VOCATIONS**

The School of Vocations offers a curriculum of vocational subjects.

**DIESEL ENGINES**

A two-year course of study leading to a Certificate of Completion in Diesel Engines and employment as a diesel technician or in one of the many occupations dealing with the selling installation, operation, maintenance and repairing of diesel engines.

First Year		Second Year	
Diesel Engines 181-182 .....	16	Diesel Engines 281-282 .....	16
Diesel Engines 151-152 .....	10	Diesel Engines 251-252 .....	10
Math. 131-132 .....	6	Math. 231-232 .....	6
Basic Com. 131-132 .....	6	Job Relations 221-222 .....	4
Electives (By Approval) .....	4	Electives (By Approval) .....	4
	42		40

**INDUSTRIAL ELECTRICITY AND ELECTRONICS**

A two-year course of study leading to a Certificate of Completion and employment as an electrician or electronics technician or in one of the allied trades or occupations.

First Year		Second Year	
Electricity 181-182 .....	16	Electricity 281-282 .....	16
Electricity 151-152 .....	10	Electricity 251-252 .....	10
Math. 133-134 .....	6	Math. 233-234 .....	6
Basic Com. 131-132 .....	6	Job Relations 221-222 .....	4
Electives (By Approval) .....	4	Electives (By Approval) .....	4
	42		40

**MACHINE SHOP PRACTICE**

A two-year course of study leading to a Certificate of Completion in Machine Shop Practice and employment in the trade or an allied trade.

First Year		Second Year	
Refrigeration 181-182	16	Refrigeration 281-282	16
Refrigeration 151-152	10	Refrigeration 251-252	10
Math. 131-132	6	Math. 231-232	6
Basic Com. 131-132	6	Job Relations 221-222	4
Electives (By Approval)	4	Electives (By Approval)	4
	<hr/>		<hr/>
	42		40

WELDING

**COURSE DESCRIPTION**

**Basic Communications 131.** The objective of this course is to prepare the student to speak and write correctly. Subject matter will be taken from the work being done by the student in the other courses.

*Add* Data Processing 245. Data Field Project. A data processing application from start to finish. This will include system analysis, programming diagramming, documentation, procedures, maintenance and operation. Prerequisite: DP 251. Lec. 1 Hr. Lab 6 Hrs. Credit: 4 semester hours.

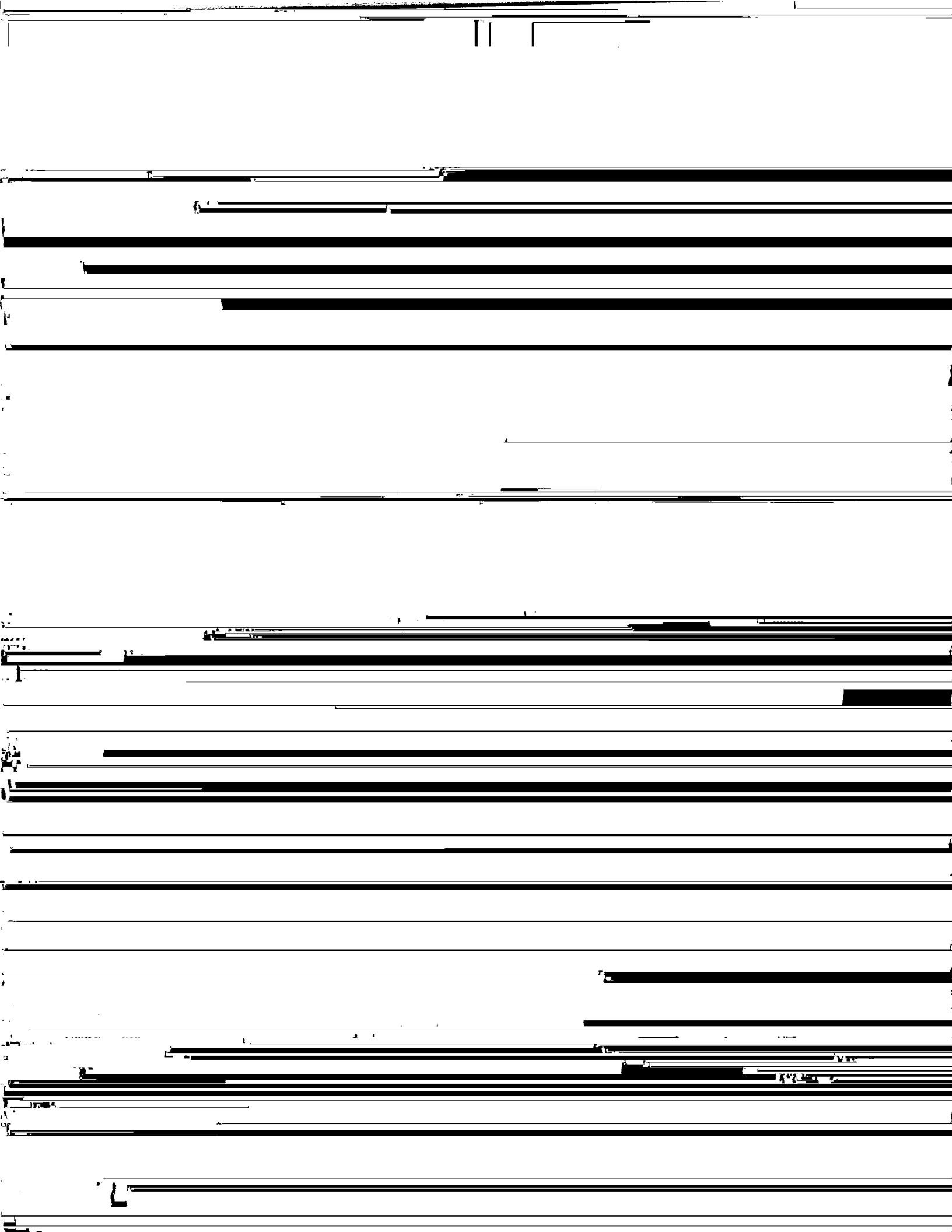
*Add* Data Processing 256. CDC 3300, M.S. Operating System. A study of the system monitor, sort parameters, utilities available and M.S.I.O. avail-



Diesel Engines 144 Maintenance and Repair of Diesel Engines

Drafting 181. This is the first in a series of four courses in the use of  
mechanical lettering, conventional signs

Drafting 282. Drafting of plans for construction in wood, metals and masonry. The course will include foundations, floor and roof plans, window and door sections and other details of construction.



**Machine Shop 151.** A study of the hand and machine tools of the modern machine shop. This course will include blueprint reading and sketching, and work on the lathe and drill press.

**Machine Shop 241.** Jobs and processes performed on the milling machine will be stressed in this shop course. The student will also do elementary

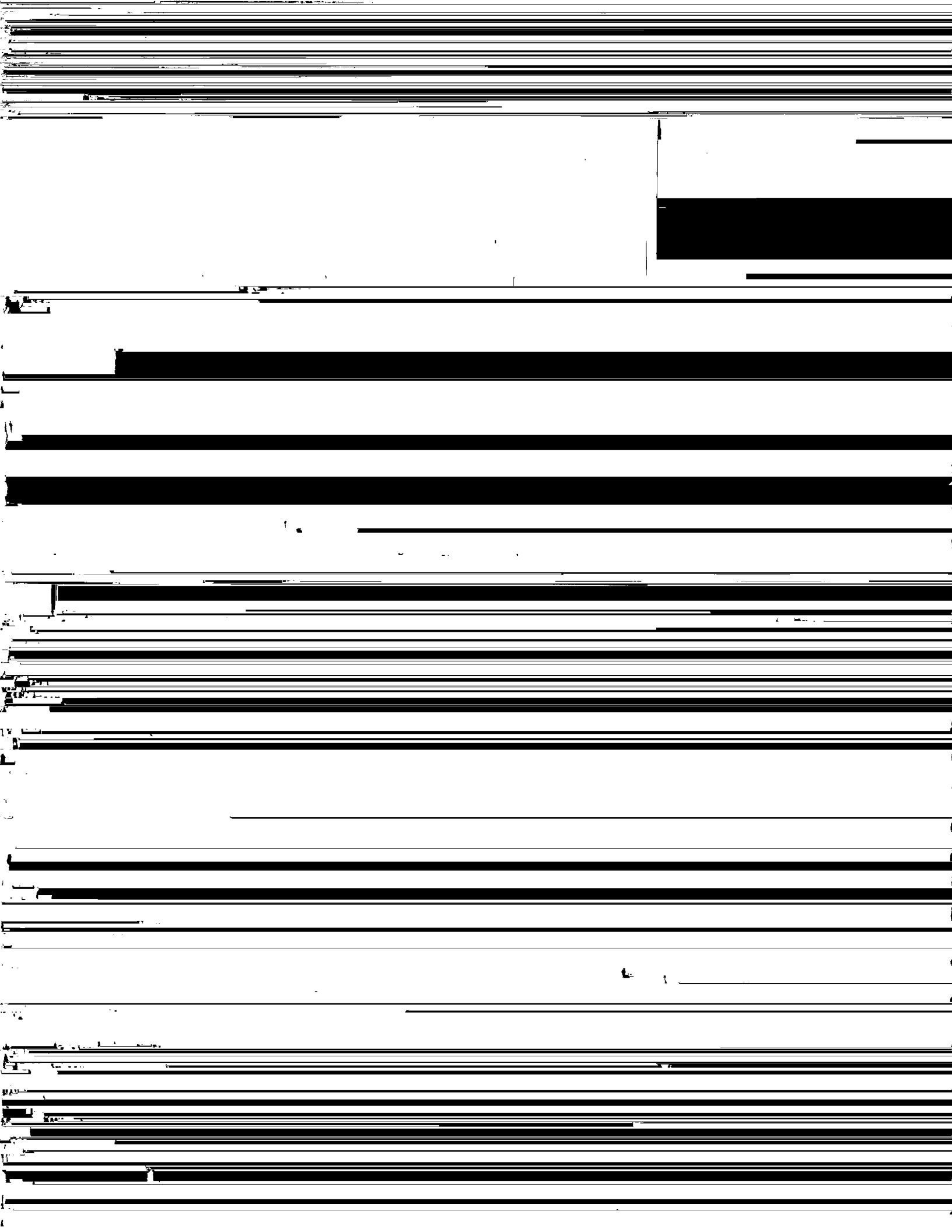
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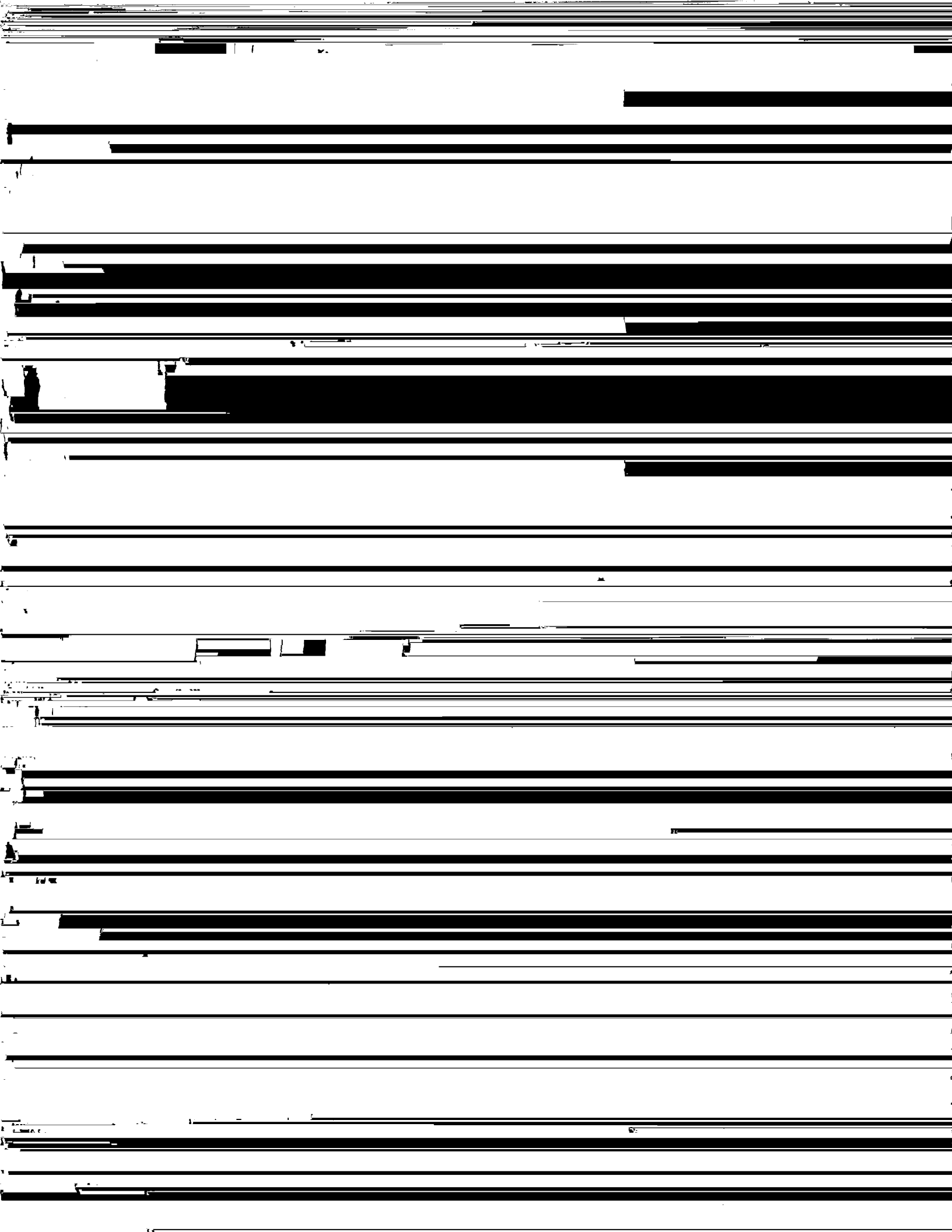
Mathematics 137 Introduction to business mathematics algebra num

Refrigeration 252. Year-round air conditioning analysis. Air distribution systems, selection of grills, registers, ducts, fans and filters. Automatic control of year-round systems. Water for air conditioning, cooling towers, piping, pumps. Cost estimates and codes. Prerequisite: Refrigeration 251. Credit: 5 semester hours.

Refrigeration 181. Identification and correct use of tools and materials used in working with refrigerated equipment. Correct methods of evacuation, dehydration and charging refrigerant circuits. Disassembly and repair







Welding 281. Continuation of practice in welding ferrous metals. The  
helium process will be introduced with limited practice.

**Diesel Engines 131.** Ignition systems, ignition requirements, battery ignition, magneto design and construction, magneto service practices, and impulse couplings. Prerequisite: Electricity 121. Credit: 3 semester hours.

**Diesel Engines 132.** Charging circuit, D-C generator, A-C alternator, output controls (regulators). Prerequisite: Electricity 121. Credit: 3 semester hours.

**Electricity 121.** Electrical terminology, electricity and magnetism, series and parallel circuits, electrical power measurement (A-C and D-C), principles of the generator, motor and induction. Credit: 2 semester hours.

Deleted  
Auto. 141, 142, 241,  
242, 341, 342, 441, 442  
Bricklaying 141, 142,  
Sheetmetal 141, 142,  
341, 342, 441, 442

Courses offered in this department are listed below:

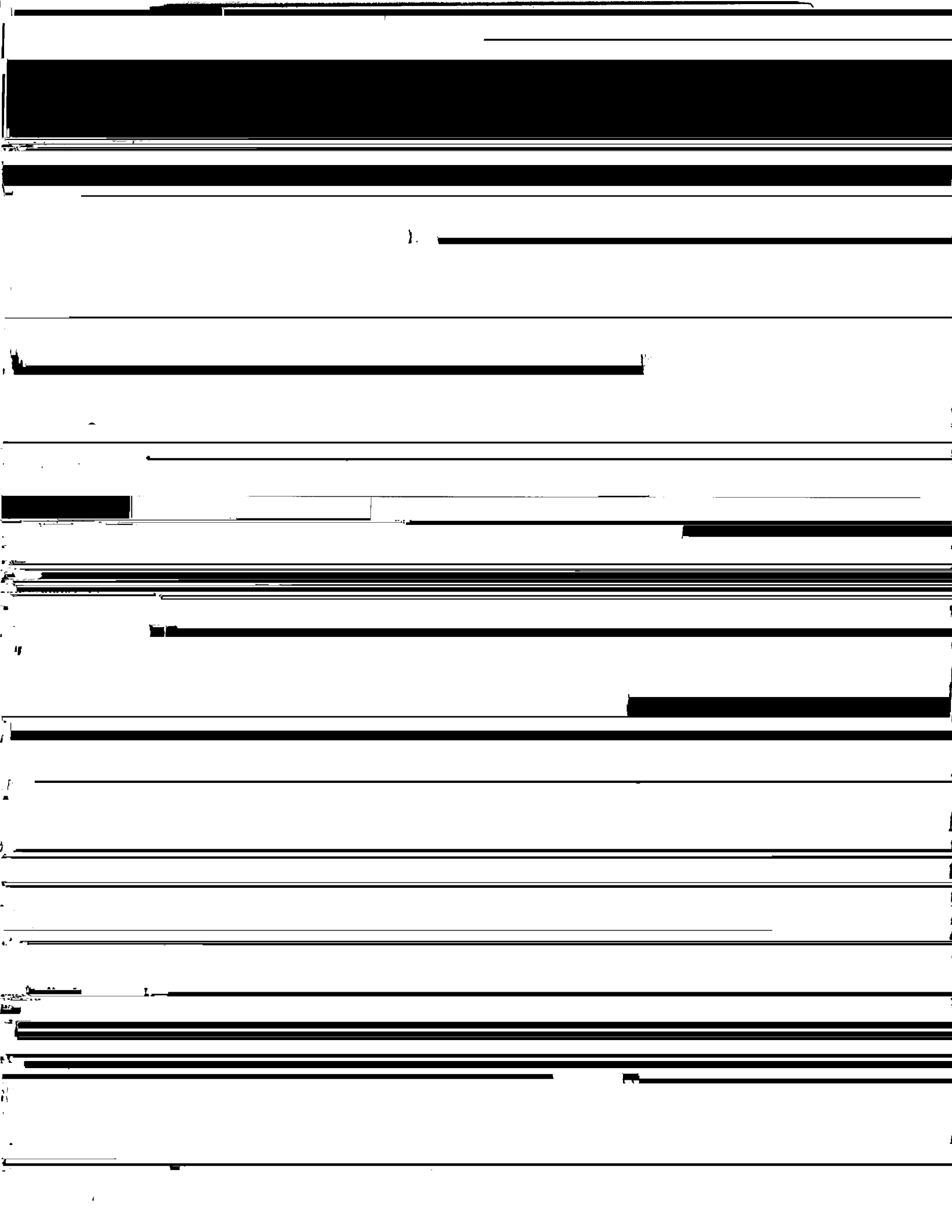
- Carpentry 141, 142, 241, 242, 341, 342, 441, 442.
- Electricity 131, 132, 133, 134, 231, 232, 233, 234, 331, 332, 333, 334, 431, 432, 433, 434.
- Ironworking 141, 142, 241, 242, 341, 342.
- Millwright 141, 142, 241, 242, 341, Welding 741, Machine Shop 151, 152.
- Pipefitting 131, 132, 133, 134, 231, 232, 233, 234, 331, 332, 333, 334, 431, 432, 433, 434, 531, 532, Welding 741.

741 131 132 133 134 231 232 233 234 331 332 333 334

Electricity 233. Measuring instruments and theories of magnetic and electrical circuits. Vectors and phase relationships in AC circuits are studied. Credit: 3 semester hours.

Electricity 234. Measuring instruments and theories of magnetic and electrical circuits. Vectors and phase relationships in AC circuits.

Millwright 242. Setting and alignment of pumps, motors and conveyor





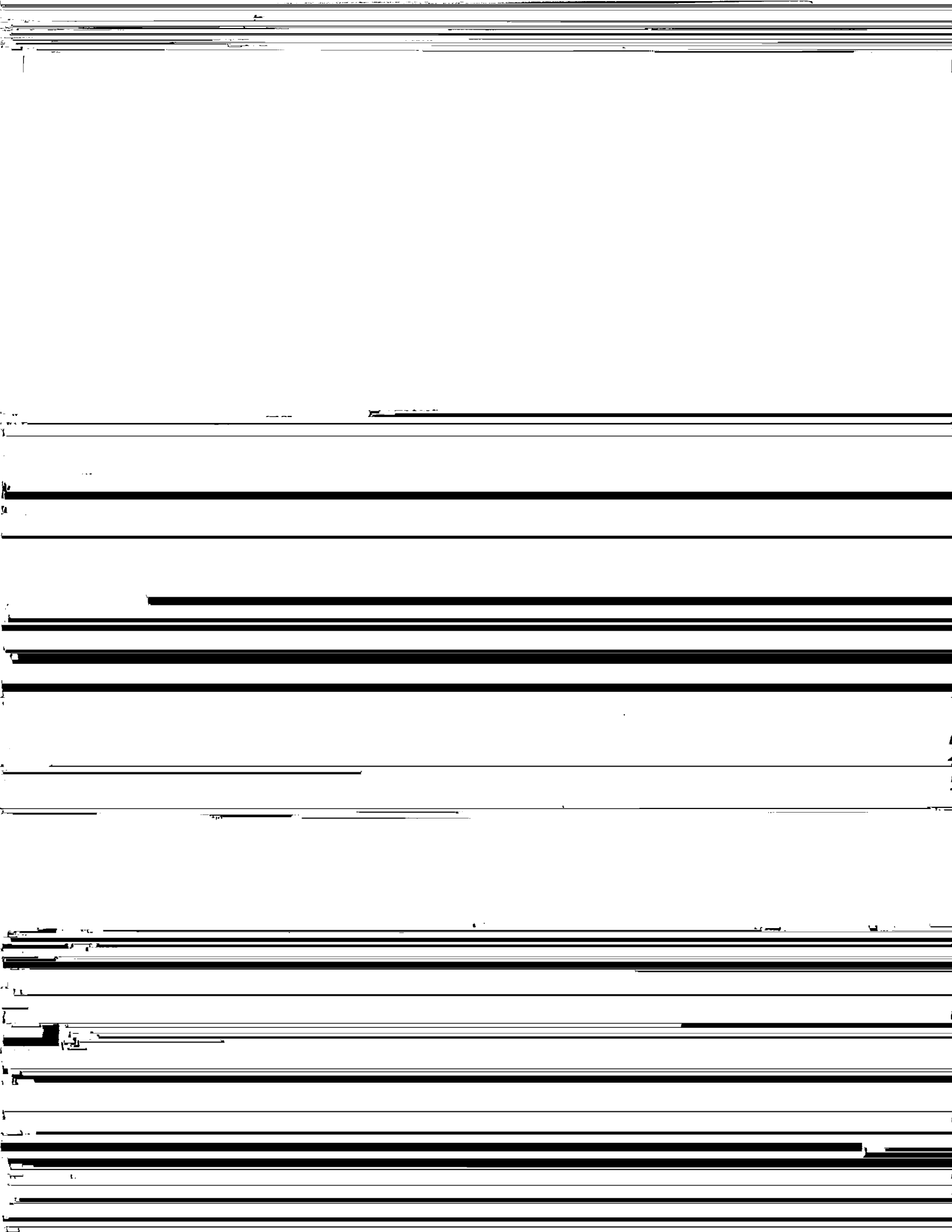
**Distributive Education**

This is a program of courses providing specialized training in selling or transferring goods and service occupations. The courses are for employed people desiring to supplement their regular occupational training and experience.

D. Edu 121 Techniques of professional selling Credits 2 semester

D. Edu. 226. A problem course in interior decoration for salespeople.





The following courses lead to the American Savings & Loan Institute Achievement Award, Standard Diploma and Graduate Diploma.

**Savings & Loan 131.** A review of savings and loan fundamentals. Credit: 3 semester hours.

**Savings & Loan 231.** Savings and loan management. Credit: 3 semester hours.

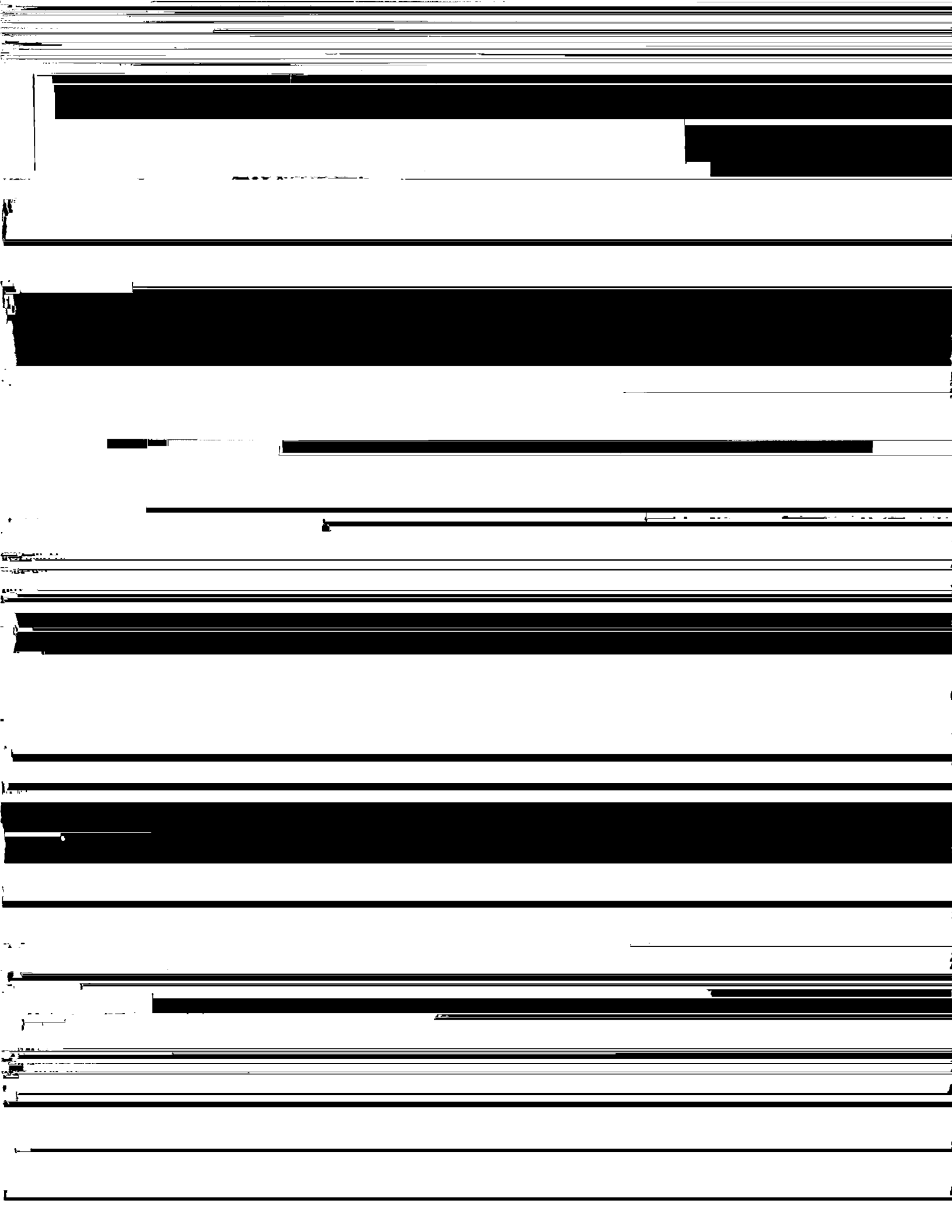
**Savings & Loan 331.** Commercial Law and its application to the savings and loan business. Credit: 3 semester hours.

**Savings & Loan 332.** Economics from the viewpoint of the savings and loan business.

Transportation 436. Principles and practices of foreign trade. Credit:  
3 semester hours.

Short Courses

A number of short courses are offered for calling service and manage-



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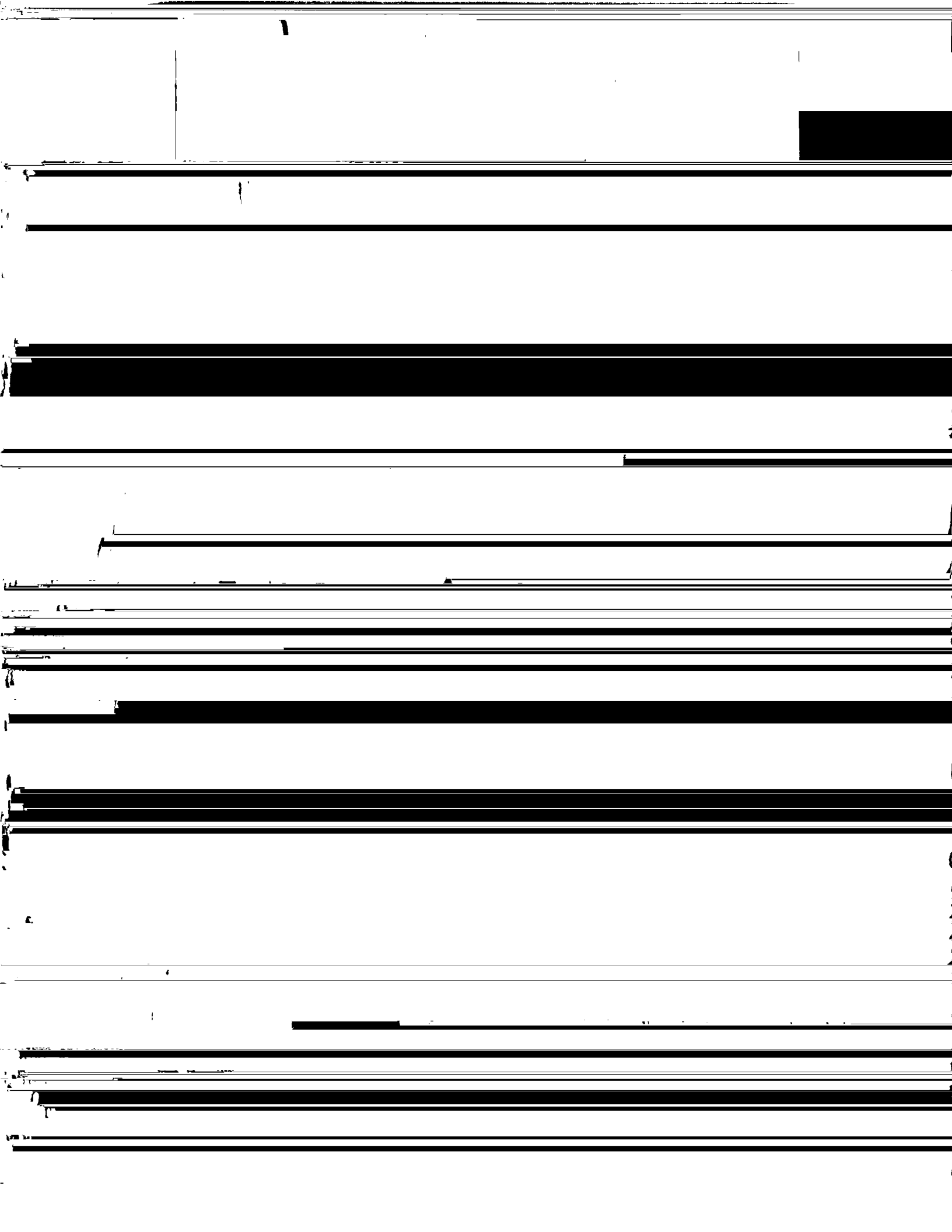
**TRADE EXTENSION**

Trade Extension Courses for Journeymen. These courses are designed to satisfy the needs of specific groups of workers from the trades and may cover one or several blocks of related information, skills and processes. All trade extension courses are planned for workers of journeyman grade and enrollment is confined to that group of tradesmen. Certificates will be given for the successful completion of certain courses or series of courses that pertain to the same subject.

Trade extension courses which may be offered are listed below:

**Compressors 731.** The application, operation and maintenance of air and gas compressors, proper installation and power requirements. Credit: 3 semester hours.

**Drafting 733.** A course in drafting technology. Covers use of slide-rule and strength of materials. AISC & ASMe codes are used. Credit: 3 semester hours.



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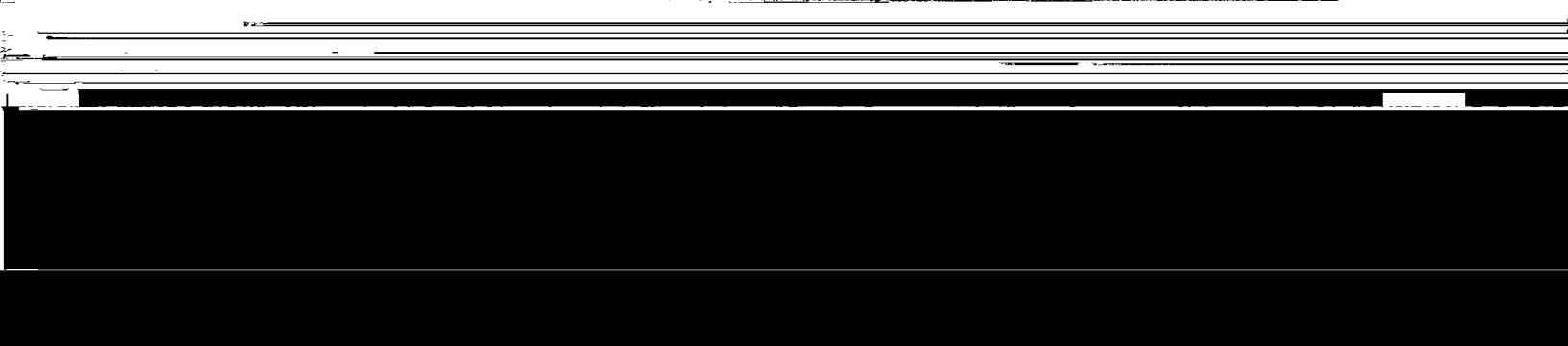
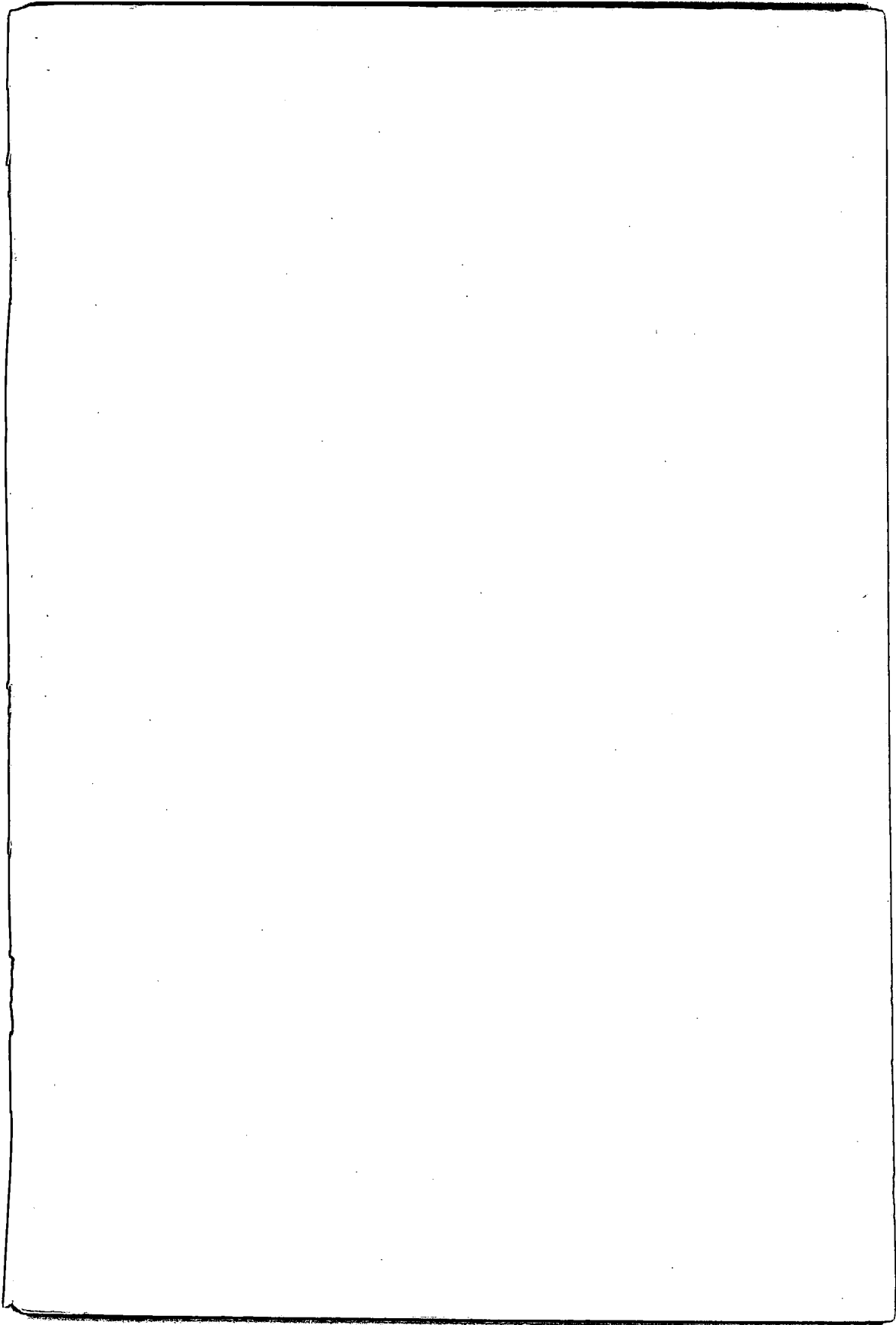
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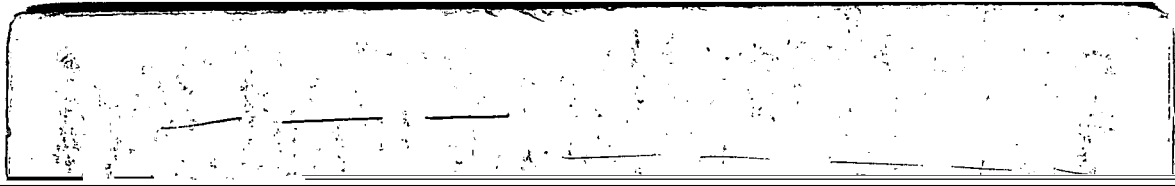
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— NOTES —





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