





CALENDARS FOR 1972 AND 1973

1972

S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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LAMAR UNIVERSITY

Fall Semester for 1972

Aug. 29	Tuesday		Meeting for new faculty.
			General faculty meetings. Dormitories open.
30	Wednesday		Faculty Convocation Dining halls open. Registration of students who have completed entrance procedures.
31-Sept. 1	Thurs.-Fri.		Continued Registration
Registration after this date limited to available classes.		Late registration (penalty fee charged). Payment of fees is part of registration.	
Sept. 4	Monday	8:00 a.m.	Classes begin.
6	Wednesday		Last date for registration or for

Oct. 23-26 Mon.-Thurs graduation.  
Mid-semester week.

## Spring Semester for 1973

Jan. 9	Tuesday	General faculty meeting. Dormitories open.
10	Wednesday	Dining halls open. Registration for students who have completed entrance procedures.
11-12	Thurs.-Fri.	Continued registration.

Registration after this date limited to	Late registration (penalty fee charged).
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15	Monday	8:00 a.m.	Classes begin.
17	Wednesday		Last date for registration or for adding courses.
30	Tuesday		Twelfth class day.
31-April 13			Period of application for May graduation.
March 5-9	Mon.-Fri.		Mid-semester week.
13	Tuesday		Mid-semester grades due in office of Admissions and Records.
23	Friday		Last date for dropping courses or for

26	Monday		Open counseling period.
April 13	Friday		Dining halls close. Dormitories close.
		10:00 p.m.	Spring holidays begin.

CALENDAR

First Term

Summer Session, 1973

June 3	Sunday	Limited operation of dormitories.
4	Monday	Dining halls open. Registration.

Registration after this date limited to	Late registration (penalty fee charged). Pay-
available at the	ment of fee in part of registration

6	Wednesday	Last date for registration or for adding courses.
8	Friday	Fourth class day.
25	Monday	Last day for approval for August graduation. Last date for dropping courses or withdrawing without penalty.
July 4	Wednesday	Independence Day holiday. Last date for dropping courses

		or for withdrawing.
10-11	Tues.-Wed.	Examinations as announced.
11	Wednesday	Last class day.
14	Saturday	Term grades due in office of Admissions and Records.

Second Term

July 12	Thursday	Registration.
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**DIRECTORY FOR CORRESPONDENCE  
SCHOOL OF TECHNICAL ARTS**

Information concerning the School of Technical Arts may be obtained by calling the Dean's office, 838-8321. All mail should be addressed to Box 10043, Lamar University Station, Beaumont, Texas 77710.

Dean ..... Kenneth E. Shipper  
 Assistant Dean ..... Gus A. Carlsen  
 Vocational Counselor ..... Garland Lovelace  
 Extended Day Coordinator ..... Norman Lowrey

Industrial Department ..... M. Paul Roy, Head  
 Related Arts Department ..... Beryl R. McKinnerney, Head  
 Technical Department ..... Robert J. Lawrence, Head  
 Law Enforcement Training ..... Edward L. Parker, Coordinator  
 Vocational Nursing ..... Dolores Jones, Director

The following persons or agencies are available to serve students enrolled in the School of Technical Arts.

President ..... Dr. Frank A. Thomas, Jr., Box 10001  
 Academic Program ..... Andrew J. Johnson, Vice-President, Box 10002  
 Extended Services ..... Thomas T. Salter, Vice-President, Box 10051  
 Financial Affairs ..... H. C. Galloway, Vice-President, Box 10003  
 Student Affairs ..... David L. Bost, Vice-President, Box 10006  
 Admissions and Records ..... Norris H. Kelton, Dean, Box 10009  
 Books/Supplies ..... Pete Plotts, Bookstore Manager, Box 10019  
 Financial Aids/Awards ..... Jess R. Davis, Director, Box 10042  
 Testing/Veterans' Affairs ..... Joe B. Thrash, Director, Box 10012

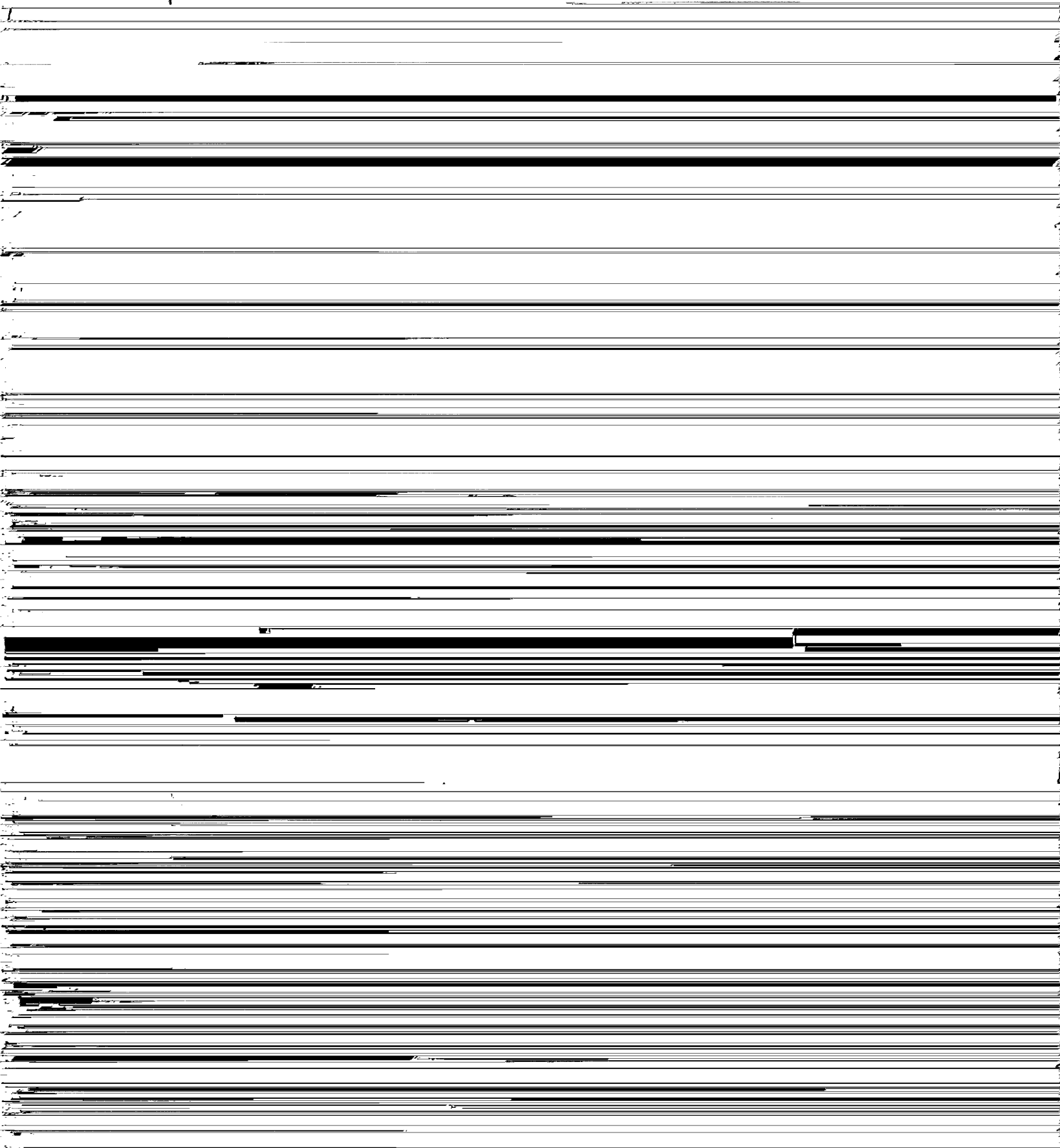
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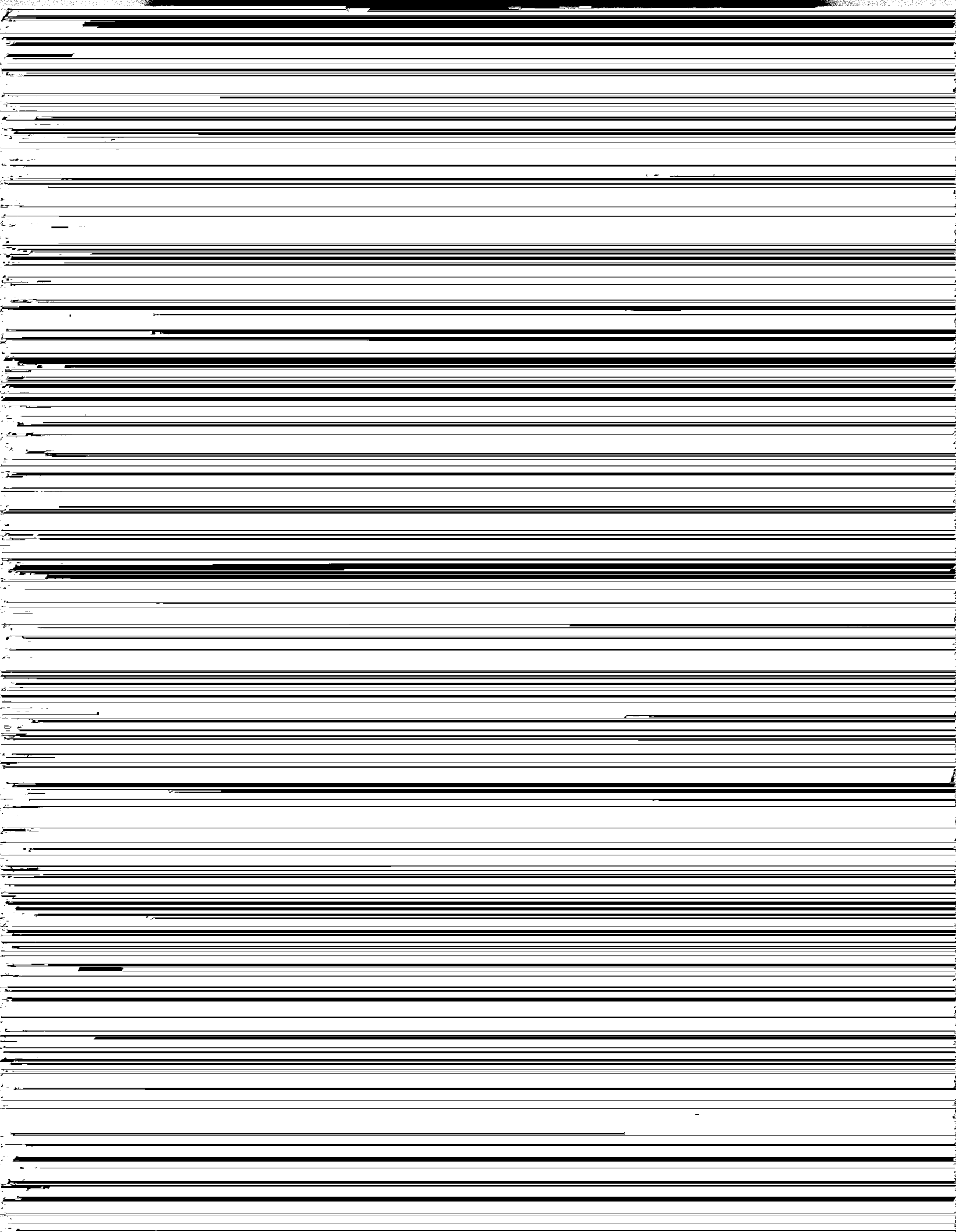
**BOARD OF REGENTS**

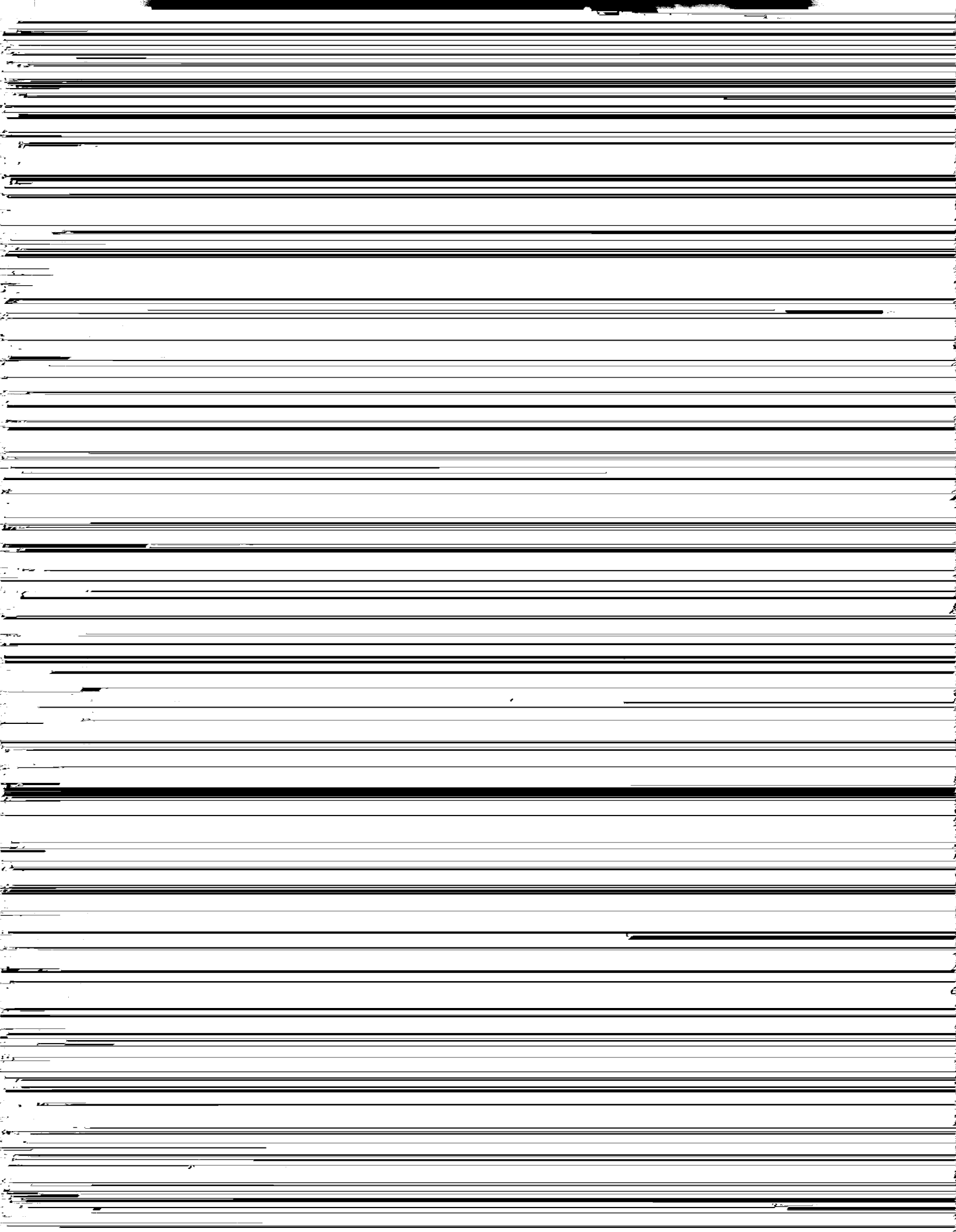
Otho Plummer, Chairman .....Beaumont, Texas  
Cecil Beeson, Vice-Chairman.....Orange, Texas  
A. H. Montagne, Secretary .....Orangefield,, Texas  
Bryan Beck, Jr.....Beaumont, Texas  
Lloyd L. Hayes.....Port Arthur, Texas  
Tom M. Maes, II .....Beaumont, Texas  
W. S. Monroe.....Port Arthur, Texas  
Pat Peyton, Jr.....Beaumont, Texas  
J. L. Smith .....San Augustine, Texas

**ACCREDITATION**

Lamar University is a member of the Association of Texas Colleges and Universities  
and the Southern Association of Colleges and Schools, American Council on Education







**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.

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 College was

affiliated



which will encourage the students to reach mature and responsible decisions, whatever the nature of the problems they may encounter.

The School of Technical Arts recognizes its obligation to make available to the

1. To provide guidance services that will assist each student in making an appropriate vocational choice.

In addition to the snack bars located in the Setzer Student Center, the School

are available.

**The Library**

In support of the continuously expanding university programs, the Lamar Library has developed a strong collection. Approximately 25,000 volumes are added annually to the present 145,000-volume collection.

under Public Law Number 346 and Public Law Number 550. The vocational training has been especially prepared for those who wish to establish themselves in business and industry in the Sabine-Neches area.

Veterans who are interested in continuing their education under federal laws providing such training are directed to secure information and aid in planning their university work by consulting the Office of Veterans' Education, Federal Student Aid Office.

**Part-time Employment**

The university, as well as many local businesses and industries, provides a number of part-time jobs which enable worthy students to earn part or all of their expenses.

**Ex-Students Association**

An association of former students of Lamar actively promotes the best interests of the university. Membership in this association is open to all graduates of the university.

**ADMISSION REQUIREMENTS****How to Apply for Admission**

Students entering the School of Technical Arts may enroll under one of the following plans.

Plan I—All courses will be taken in the School of Technical Arts.

Plan II—Courses may be taken in various Schools of the University.

All students applying for admission to the School of Technical Arts must complete the following requirements.

1. File an application for admission. Plan II students submit both Technical Arts and Undergraduate forms. (Technical Arts form attached to back of this catalog;

2. Take the College Entrance Examination Board's (CEEB) Scholastic Aptitude Test (SAT) and designate Lamar University to receive the scores. (November, December, January test dates are preferred.) No minimum score on the SAT

C. Four (4) units from two of the following groups:

2. Group II—Two (2) units of natural science.
3. Group III—Two (2) units of foreign language.

D. Six (6) units of electives (must not include more than four (4) vocational units).

2. Total verbal and mathematics scores on CEBR aptitude test (SAT) must

## FEES AND EXPENSES

**Payment of Fees**

Lamar University 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 University and will be accepted subject to final payment. Checks and drafts deposited with Federal Reserve banks cannot be handled through regular bank collection channels if received without the magnetic ink (MICR) transit number. The new electronic processing demands such magnetic ink encoding. The University will not accept counter checks or "changed" checks.

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

of Texas.

**Fees Summary****Texas Resident Students (Fall or Spring Semester)**

Semester Hours	Tuition	S.S. Fee	Bldg. Use Setzer Center		Total*
			Fee	Fee	
1 to 7	\$50	\$ 8	\$13	\$10	\$ 81
8 to 12	50	22	26	10	108
13	52	22	26	10	110
14	56	22	26	10	114
15	60	22	26	10	118
16	64	22	26	10	122
17	68	22	26	10	126
18	72	22	26	10	130
19	76	22	26	10	134
20	80	22	26	10	138
21	84	22	26	10	142

\*Miscellaneous Fees extra

**Texas Resident Students (Summer Session-Six Weeks)**

Semester Hours	Tuition	S.S. Fee	Bldg. Use Setzer Center		Total*
			Fee	Fee	
1 to 6	\$25	\$10	\$13	\$ 5	\$ 53
7	28	10	13	5	56
8	32	10	13	5	60
9	36	10	13	5	64
10	40	10	13	5	68
11	44	10	13	5	72
12	48	10	13	5	76

\*Miscellaneous Fees extra

Non Resident Students, U.S. Citizens (Fall or Spring Semester)

Semester Hours	Tuition	S.S. Fee	Bldg. Use Fee	Setzer Center Fee	Total*
1	\$ 40	\$ 8	\$13	\$10	\$ 71
2	80	8	13	10	111
3	120	8	13	10	151
4	160	8	13	10	191
5	200	8	13	10	231
6	240	8	13	10	271
7	280	8	13	10	311
8	320	22	26	10	378
9	360	22	26	10	418
10	400	22	26	10	458
11	440	22	26	10	498
12	480	22	26	10	538
13	520	22	26	10	578
14	560	22	26	10	618
15	600	22	26	10	658
16	640	22	26	10	698
17	680	22	26	10	738
18	720	22	26	10	778
19	760	22	26	10	818
20	800	22	26	10	858
21	840	22	26	10	898

\*Miscellaneous Fees extra

Non Resident Students, U.S. Citizens (Summer Session Cl. VI, VII, VIII)

**Foreign Students (Fall or Spring Semester)**

Semester Hours	Tuition	S.S. Fee	Bldg. Use Setzer Center		Total*
			Fee	Fee	
1 to 7	\$200	\$ 8	\$13	\$10	\$231
8 to 14	200	22	26	10	258
15	210	22	26	10	268
16	224	22	26	10	282
17	238	22	26	10	296
18	252	22	26	10	310
19	266	22	26	10	324

21	294	22	26	10	352
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\*Miscellaneous Fees extra

**Foreign Students (Summer Session-Six Weeks)**

Semester Hours	Tuition	S.S. Fee	Bldg. Use Setzer Center		Total*
			Fee	Fee	
1 to 7	\$100	\$10	\$13	\$5	\$128
8	112	10	13	5	140
9	126	10	13	5	154
10	140	10	13	5	168
11	154	10	13	5	182
12	168	10	13	5	196

**Non-Resident Students Registering During Spring, 1971**

Non-resident students who are U.S. citizens who were enrolled during the 1971 spring semester are allowed to pay the same tuition as they paid in 1971. Out-of-state students should refer to the 1972-3 General Bulletin for complete fee information.

**Vocational Nursing Students**

Students enrolled in the vocational nursing program are charged a maximum tuition fee of \$50. All other fees are the same as for other students.

**Student Responsibility for Residence Classification**



**Laboratory Fee**

For all courses in which the combined credit of lecture and laboratory is from

**Parking Fee**

Charges for parking on campus are made at the time a student is registered. In

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

The highest ranking student in the graduating class of a fully accredited Texas high school will be entitled to a scholarship valued at \$100. This scholarship must be utilized during the long session immediately following graduation.

**Exemption 2. Veterans**

Citizens of Texas who served in the Armed Forces in World War I, World War II, the Korean Conflict, or the Vietnam War, and were honorably discharged therefrom and who are not eligible for educational benefits provided for veterans of the United States Government, are exempt from tuition and laboratory fees, but not from other fees. To obtain this exemption, the service record, discharge papers, or other necessary

...members of the Armed Forces

Summer Session

1. During the first week of the semester, 60 per cent.
2. After first week no refund.

No refunds are made when dropping courses.

Application for refund must be made to the Vice President of Finance after the

student has officially withdrawn, but not later than the end of the current semester or summer session.

**Fine 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 the university will be issued.

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

**Scholastic Aptitude Test**

The Scholastic Aptitude Test is administered by CEEB at test centers throughout the United States and in many foreign countries in November, December, January, March, and July. It is recommended that summer and fall applicants take the test no later than the January date. 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—College Board Admissions Tests. The Bulletin may be obtained without charge from high school counselors, the school's library, or the CEEB, 500

STUDENT HOUSING

The student housing program at Lamar is designed to supplement the academic

A professional staff is on hand to work with students in planning and executing residence hall programs and to serve as advisors and counselors to students. University residence halls can economically provide the proper atmosphere for out-of-class activities of an educational nature, and the proper environment for academic preparation and study.

6. Dormitory residents will be responsible for keeping their rooms in good condition. They will be financially responsible for the replacement or repair of any university property entrusted to them which is damaged or lost.

individual student responsible for the damages. In the event responsibility for damages to lounges, hallways, stairways, etc. cannot be determined, all residents will share equally in the cost of replacement or repair.

**Apartments (with kitchen): Fall and Spring Semesters**

375.00 350.00

Costs (each six weeks)

125.00

116.50

Conditions Governing the Partial Board Plan: Common are transferable and may

ACADEMIC REGULATIONS

**Course Numbering**

Each course has an individual alpha-numeric code. The alpha part indicates the



**Changing Schedules**

No course may be added, changed or dropped without the permission of the Dean of the School of Technical Arts. Usually a course may not be added after the first week of the semester (first 2 days of summer session).

**Dropping Course**

A student may drop a course without penalty during the first 10 weeks (three weeks of the summer session) of the semester. The last date is published in the official university calendar.

For drops after this date...

A student may not drop a course the last three days prior to the last week of classes.

**Withdrawals**

A student wishing to withdraw...

REGULATIONS

Sophomore: has completed a minimum of 30 hours with 30 grade points.

Special: does not expect to earn a certificate or a degree but must meet all entrance requirements.

**Grading System**

A—Excellent  
B—Good  
C—Satisfactory  
D—Passing  
F—Failure  
I—Incomplete

W—Withdrawn  
Q—Course was dropped  
S—Credit  
U—Unsatisfactory; no credit  
NG—No grade

The grade of W or Q is given if the withdrawal or drop is made before the penalty date or if the student is passing at the time of withdrawal or drop.

The grade of I is given when any requirement of the course, including the final

Student removed from the School of Technical Arts with grade point deficiencies in

In order to meet changing educational requirements, the university 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.

**Minimum Class Enrollment**

The university reserves the right not to offer any courses listed in this catalog unless there are at least 12 students who register for the course.

**Official Summons**

An official summons from any administrative office takes precedence over all other

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

of one semester at Lamar.

**Parking Regulations**

Freshman only. The name the necessary fee is issued on a decal which permits parking

on the campus. This decal is numbered and is to be displayed as instructed in official

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**Artist Series**

The Fine Arts Committee of the Setzer Student Center is made up of students and faculty. The committee annually arranges for the presentation of a number of programs by professional artists and entertainers. Outstanding personalities, musicians, artists, and companies have been presented under the sponsorship of the committee.

**The Setzer Student Center**

and is the campus center of extracurricular activities. The recently completed addition, costing approximately \$2,800,000, was opened in 1971. It includes lounges, snack bars, recreation areas, bookstore, ballroom, barbershop, meeting rooms, and facilities for

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**SCHOOL OF TECHNICAL ARTS**

The School of Technical Arts offers career-oriented education in 11 degree programs

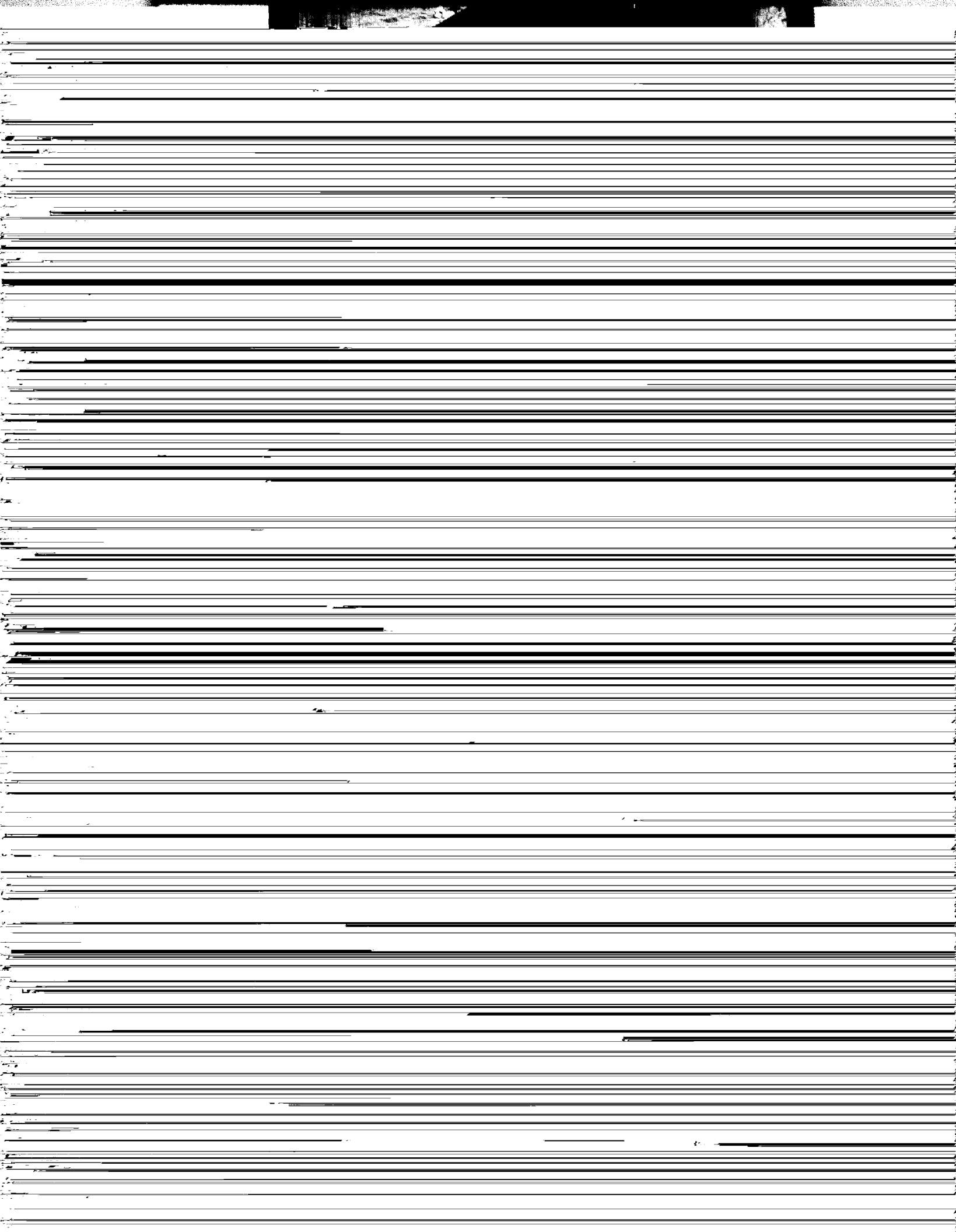
1. Industrial Department: Machine Tools, Welding, Diesel Mechanics, and Refrigeration and Air Conditioning Technology.

Electronics Technology, Drafting Technology, and Police Science.

3. Health Services Department: Dental Hygiene and Radiologic Technology.
4. Related Arts Department: Mid-Management.

All of the above programs are two-year programs leading to an Associate of Applied Science degree and are designed to give the student training prior to his entry into a skilled trade or occupation.

Successful completion of one of these programs should provide the student with sufficient knowledge and skill to enter and advance rapidly in his selected field.





**HEALTH SERVICES  
DEPARTMENT**

**Dolores Jones, Department Head**

**Dental Hygiene**

**Vocational Nursing**

**DENTAL HYGIENE**

*Director:* James N. Brown, DDS

*Instructor:* Linda Reynard

The objective of this program is to prepare the student for a career in the allied health field of Dental Hygiene. It is designed to develop the basic skills of the student

assisted in the pursuit of technical competence by means of lectures, demonstrations, supervised study, and practical experience.

A student must enter this program under Plan II, and be selected by the Dental Hygiene Admission Committee.

A graduate of this two-year instructional program is awarded the Associate of Applied Science degree.

**Dental Hygiene (DH)**

**121 Medical & Dental Emergency Care.** Emergency first aid and safe dental practices are introduced. Class: 2 hours. Credit: 2 semester hours.

**122 Pharmacology.** A study of the actions and uses of drugs and anesthetics with emphasis on those used in dentistry. Class: 2 hours. Credit: 2 semester hours.

**131 Individual Preventive Dentistry.** A study of the factors which contribute to dental caries, periodontal disease, and oral cancer.

**RADIOLOGIC TECHNOLOGY**

*Instructor:* Marilyn H. Chitwood.

The objective of this program is to prepare the student for a career in the allied health field of Radiologic Technology. Acceptance by one of the affiliate hospitals for clinical laboratory experience is necessary for the completion of the course of study.

demonstrations, supervised study, and practical experience.

A graduate of this two-year instructional program is awarded the Associate of Applied Science degree.

	<b>Program of Study</b>		
<b>First Semester</b>	<b>Lecture Hours</b>	<b>Lab Hours</b>	<b>Semester Hours</b>

Suggested Technical Arts electives: MM 131, MM 132, MM 231, MM 233, TM 133,

Suggested electives in other Schools: ECO 131, ECO 132, EDU 330, EDU 331, BIO 130, PSY 332, PSY 330, PSY 131, JOU 131.

**Radiologic Technology (RA)**

**135 Orientation and Ethics.** The fundamental principles of radiologic technology.

and the part radiologic technology plays in the medical field will be stressed. Students

**234 Advanced Procedures.** A study of advanced procedures in radiography. Additional subjects will include a survey of medical and surgical diseases. departmental ad.

3 hours. Credit: 3 semester hours.

**235 Radiologic Physics.** An intensive study of electromagnetism, electric trans-

X-ray machines. Prerequisite: RA 136. Class: 3 hours. Credit: 3 semester hours.

**245 Radiologic Technology Practicum.** This practicum will further emphasize the practice of specific positioning of the area to be X-rayed. Special training will be given in the use of radioisotopes in X-ray and in other special and emergency procedures. Prerequisite: RA 146. Clinical Lab: 25 hours. Credit: 4 semester hours

## VOCATIONAL NURSING

Ann Keen, Virginia Rudloff, Faye Stone, Bernice Sturrock, Edna Mary Terrell.

The objective of this program of study is to prepare the student to obtain gainful employment as a Vocational nurse. Upon successful completion of the course, the graduate is eligible to take the examination given by the State Board of Vocational Nurse Examiners to become a Licensed Vocational Nurse (L.V.N.).

Applicants must meet the admission requirements of the School of Technical Arts and be selected by the Vocational Nursing Admission Committee. The applicant must

**Third Semester**

VN	138	Obstetrical Nursing	3	0	3
VN	139	Pediatric Nursing	3	0	3
VN	168	Clinical Practice III	0	16	6
VN	169	Clinical Practice IV	0	16	6
			6	32	18

**Vocational Nursing (VN)**

**121 Ethics.** Personal and vocational adjustments including aspects of community health, disease prevention and mental health. Class: 2 hours. Credit: 2 semester hours.

**122 Nutrition and Diet Therapy.** This course is designed to acquaint the student with the fundamental principles of basic nutrition, the relationship of food to normal health, and the application of basic principles of nutrition to diet therapy in the treatment of disease. Class: 2 hours. Credit: 2 semester hours.

**133 Pharmacology.** This course is designed to introduce the student to pharmacology and the administration of medicines. Class: 3 hours. Credit: 3 semester hours.

**144 Anatomy and Physiology.** The primary objective is to introduce principles of the biological and physical sciences that contribute to the student's understanding of the human body process in normal and certain abnormal conditions. Class: 4 hours. Credit: 4 semester hours.

**136 Medical Surgical Nursing I.** Specific theory in the disease and conditions of integumentary, special sensory, respiratory, endocrine, muscular, and cardiovascular systems. Class: 3 hours. Credit: 3 semester hours.

gastrointestinal, genitourinary, male and female reproductive, nervous, and skeletal systems. Class: 3 hours. Credit: 3 semester hours.

**138 Obstetrical Nursing.** Specific theory on the care of mothers and new born infants. Class: 3 hours. Credit: 3 semester hours.

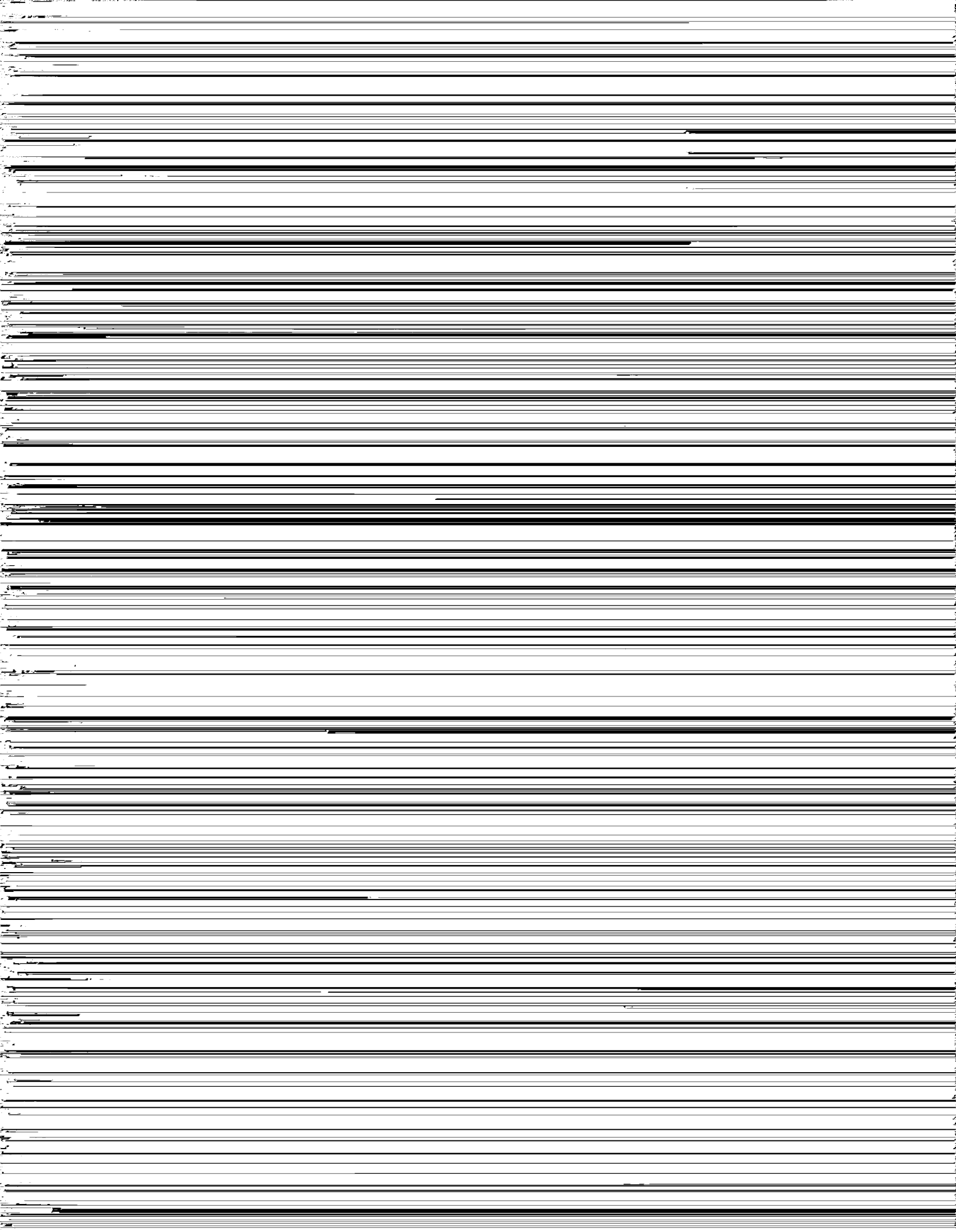
**139 Pediatric Nursing.** Specific theory on the care of sick children. Class: 3 hours. Credit: 3 semester hours.

**166 Clinical Practice I.** General care of medical patients. Hospital practice. Co-requisite: VN 136. Laboratory: 16 hours. Credit: 6 semester hours.

**167 Clinical Practice II.** General care of medical patients. Hospital practice. Co-requisite: VN 166. Laboratory: 16 hours. Credit: 6 semester hours.







# **INDUSTRIAL DEPARTMENT**

**M. Paul Roy, Department Head**

**Diesel Mechanics**

**Machine Tools**

**Refrigeration and Air**

**Conditioning Technology**

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**DIESEL MECHANICS**

*Instructors:* Sam Lucia, James H. Smith and Doyle R. Bice.

The Diesel Mechanics course of study is designed to prepare the student for a

The objectives of the program are to provide the student with the technical background in the design and construction of diesel engines, and to offer experiences which will develop skills in their operation, repair, and maintenance.

A graduate of this two-year instructional program is awarded the Associate of Applied Science degree.

**Program of Study**

			Lecture Hours	Lab Hours	Semester Hours
<b>First Semester</b>					
DM	131	Introduction to Diesel Mechanics	3	0	3
DM	132	Diesel Cycle Application	3	0	3
DM	136	Basic Shop Procedures	0	7	3
DM	137	Precision Instrument Usage	0	7	3
TM	131	Fundamentals of Mathematics I or Mth 131 (Math. Dept.)*	3	0	3
BC	131	Basic Communications or Eng. Comp. (Eng. Dept.)*	3	0	3
			—	—	—
			12	14	18
<b>Second Semester</b>					
DM	134	Related Systems	3	0	3
DM	135	Maintenance & Repair Problems	3	0	3
DM	138	Tune-up	0	7	3
DM	139	Accessory Servicing	0	7	3
TM	132	Fundamentals of Mathematics II or Mth 132 (Math Dept.)*	3	0	3
BC	132	Business Communications or Eng. Comp. (Eng. Dept.)*	3	0	3
			—	—	—
			12	14	18
<b>Third Semester</b>					
DM	231	Ignition and Combustion Principles	3	0	3
DM	232	Diesel Fuel & Lubrication	3	0	3
DM	236	Troubleshooting & Installation	0	7	3
DM	237	Advanced Diesel Engines Maintenance	0	7	3
TM	231	Applied Geometry	3	0	3
JR	231	Job Relations	3	0	3
			—	—	—
			12	14	18

**Fourth Semester**

DM	234	Overhaul Procedures	3	0	3
DM	235	Fuel Injection System	3	0	3
DM	238	Dynamometer Operation & Analysis	0	7	3
DM	239	Diesel Engine Hydraulics	0	7	3
TM	232	Industrial Mathematics	3	0	3
Elective†			3	0	3
			12	14	18

\*Students who take these courses must meet the general admission requirements of the institution.

†By Approval

Suggested Technical Arts electives: MM 131, BC 231, BC 232, JR 232, MM 233, MT 133, WLD 133, DFT 133, IEE 133, TM 134, MM 132, MM 133, MM 231, MM 232, MM 236, MM 237.

**Diesel Mechanics (DM)**

**131 Introduction to Diesel Mechanics.** General description and construction of engines, diesel engine principles, frames, cylinders, heads, and pistons. Class: 3 hours.  
 Credit: 3 semester hours

**132 Diesel Cycle Application.** The diesel cycle, its application, and its

**232 Diesel Fuel and Lubrication.** A comprehensive study of diesel fuels and lubricating oils. Basic electricity, electrical and gasoline starting systems are also stressed. Prerequisite: DM 131 and 132. Class: 3 hours. Credit: 3 semester hours.

**236 Troubleshooting and Installation.** Installation, operation, maintenance, and repair of diesel engines, electrical systems, generators, alternators, cranking motors, regulators, governors, steering clutches, final drives, track and roller frames. Prerequisite: DM 138 and 139 or DM 136 and 137. Laboratory: 7 hours. Credit: 3 semester hours.

**237 Advanced Diesel Engine Maintenance.** Installation, operation, maintenance, and repair of diesel engines, fuel systems, oil pumps, filters, oil pressure regulators, natural gas carburetors, natural gas regulators, and preventive maintenance. Prerequisite: DM 138 and 139 or DM 136 and 137. Laboratory: 7 hours. Credit: 3 semester hours.

**234 Overhaul Procedures.** Engine overhauling, special repairs, salvaging, hydraulics, and terms used in diesel engineering. Prerequisite: DM 231 and 232 or DM 134 and 135. Class: 3 hours. Credit: 3 semester hours.

**235 Fuel Injection Systems.** Fuel injection systems, hydraulics and its application, engine tune-up and troubleshooting. Prerequisite: DM 231 and 232 or DM 134 and 135. Class: 3 hours. Credit: 3 semester hours.

**238 Dynamometer Operation and Analysis.** Installation, operation, maintenance, and repair of diesel engines, fuel injection systems, fuel injection pumps, injector nozzles, unit injectors, engine performance, testing and engine dynamometer. Prerequisite: DM

**239 Diesel Engine Hydraulics.** Installation, operation, maintenance, and repair of diesel engines, hydraulic pumps, hydraulic controls, hydraulic power applications, advanced engine overhaul, special repairs, diagnosing, and tune-up. Prerequisite: DM 236 and 237 or DM 138 and 139. Laboratory: 7 hours. Credit: 3 semester hours.

**133 Small Engines.** The operation and repair of small internal combustion engines. Diagnosis and troubleshooting will be emphasized. Class: 3 hours. Credit: 3 semester hours.

**MACHINE TOOLS**

*Instructors:* Gus A. Carlsen, M. Paul Roy, and Emmett L. Black.

Machine Tools is a two-year program designed to train students in the proper use of modern metal-removing machine tools. The curriculum is designed to develop those skills, abilities, and perceptions needed to permit the graduate to advance in the industrial complex as a competent craftsman.

The objectives of the program include the promotion of desirable attitudes and the development of needed manipulative skills. The students are consistently encouraged to develop a sense of responsibility and self-reliance.

Applied Science degree.

**Program of Study**

First Semester			Lecture Hours	Lab Hours	Semester Hours
MT	131	Intro. to Hand & Machine Tools	3	0	3

MT	136	Basic Drill Press & Lathe	0	7	3
MT	137	Bench Tools & Layout	0	7	3
TM	131	Fundamentals of Mathematics I or Math 131 (Math. Dept.)*	3	0	3
BC	131	Basic Communications or Eng. Comp. (Eng. Dept.)*	3	0	3

Fourth Semester

MT	234	Advanced Grinding and Milling Techniques	3	0	3
MT	235	Problems in Grinding and Milling	3	0	3
MT	238	Layout & Set-up	0	7	3
MT	239	Machine Design & Maintenance	0	7	3
TM	232	Industrial Mathematics	3	0	3
			3	0	3

12      14      18

\*Students who take these courses must meet the general admission requirements of the institution.

†By Approval

Suggested Technical Arts electives: MM 131, MM 132, MM 133, MM 231, MM 232, MM 233, BC 231, BC 232, JR 232, DM 133, DFT 133, IEE 133, WLD 133, WLD 235, TM 133, TM 134.

#### Machine Tools (MT)

**131 Introduction to Hand and Machine Tools.** A study of the hand and machine tools used in the modern machine shop with emphasis on safety, measuring tools, lathe,



**232 Applications of Lathe and Drill Press.** Problems encountered in diverse applications of lathes and drill presses. Precision measuring and gauging instruments. Further blueprint study. Prerequisite: MT 131 and 132. Class: 3 hours. Credit: 3 semester

machine tools involved in planing, milling, and grinding of metals. Problems in blueprint reading. Prerequisite: MT 134 and 135. Class: 3 hours. Credit: 3 semester hours

**235 Problems in Grinding and Milling.** Further discussion of grinding and milling principles and problems. Fundamental treatment of hydraulics as applied to machine tools. Advanced study of blueprints and sketches. Prerequisite: MT 134 and 135. Class: 3 hours. Credit: 3 semester hours.

**236 Multi-Machine Projects.** Jobs and processes involving the use of various machine

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**REFRIGERATION AND AIR CONDITIONING TECHNOLOGY**

*Instructors:* Ellis Thompson and John W. Crawley

Refrigeration and Air Conditioning Technology is a program of study designed to produce a refrigeration and air conditioning technician.

The objectives of the program include the development of skills and knowledge, ~~to~~ ~~enable~~ ~~the~~ ~~student~~ ~~to~~ ~~perform~~ ~~the~~ ~~tasks~~ ~~of~~ ~~a~~ ~~refrigeration~~ ~~and~~ ~~air~~ ~~conditioning~~ ~~technician~~. The graduate

INDUSTRIAL

49

**Fourth Semester**

RAC	234	Advanced Air Conditioning	3	0	3
RAC	235	Cooling Towers	3	0	3
RAC	238	Advanced Air Conditioning	0	7	3
RAC	239	Heat Pumps	0	7	3
Electives†			6	0	6
			—	—	—
			12	14	18

\*Students who take these courses must meet the general admission requirements of the institution.

Suggested Technical Arts electives: MM 131, MM 132, MM 133, MM 232, MM 233,  
 RC 231, RC 232, RC 233, DM 132, DET 132, IFF 132, IWR 132, EM 132

**Refrigeration and Air Conditioning Technology (RAC)**

**131 Basic Refrigeration Principles.** The history of refrigeration, theory of heat, compression cycle, metering devices, and components of the refrigeration cycle. Class: 3 hours. Credit: 3 semester hours.

**132 Basic Electricity and Electrical Devices.** Servicing commercial refrigeration, heat loads, defrosting, basic electric control, and wiring diagrams.

cycle, properties of air, cooling and heating load estimation. Estimation of air supply.

Low voltage controls. Prerequisite: RAC 134 and 135. Class: 3 hours. Credit: 3 semester hours.

psychrometric charts, refrigeration for air conditioning, automatic controls for heating, automatic controls for cooling, wiring diagrams, and refrigeration, tubing sizing and installing practices. Prerequisite: RAC 134 and 135. Class: 3 hours. Credit: 3 semester hours.

**234 Advanced Air Conditioning.** Air conditioning survey for commercial and or residential system design, cost estimates, codes, calculations for condition air supply, fan types, room air conditioners, air conditioning and heat pumps. Prerequisite: RAC 231 and 232. Class: 3 hours. Credit: 3 semester hours.

**235 Cooling Towers.** Selecting, sizing, and installing cooling towers, piping and pumps. Central station equipment, water chillers, boilers, absorption refrigeration, refrigerant piping data, steam lines, electrical data and tools of the estimator. Prerequisite: RAC 231 and 232. Class: 3 hours. Credit: 3 semester hours.

## WELDING

*Instructors:* Joel C. Shankles, Carey B. Wesley, and Ronald I. Marble.

Welding is a program designed to prepare the student for a career in the fields of industrial or construction welding, either as a competent welder or in a position which requires knowledge of welding, welding equipment, or supplies.

The objective of the program is to develop the skills in modern welding practices. Safety and proper work habits are also stressed.

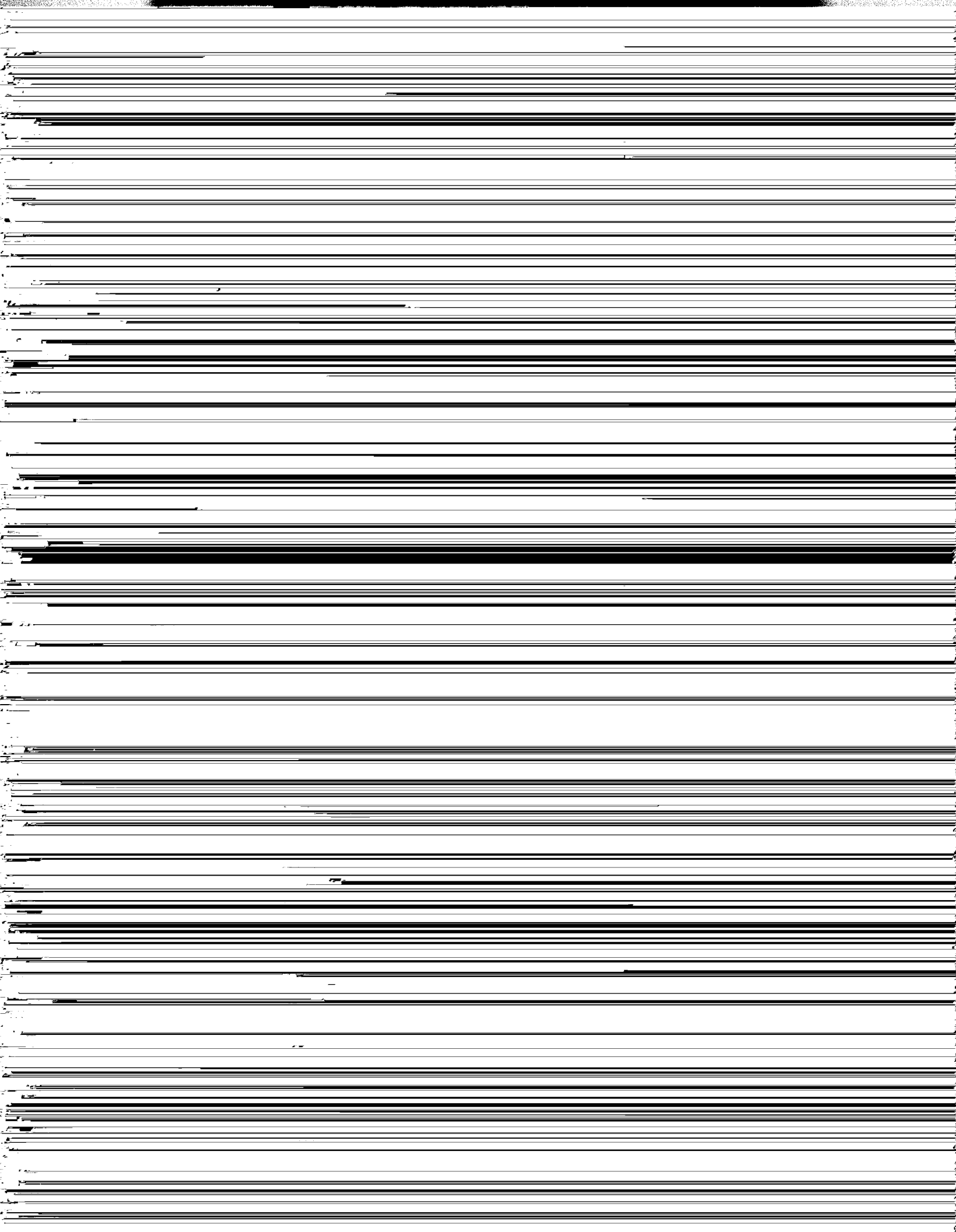
A graduate of this two-year instructional program is awarded the Associate of

## Program of Study

First Semester			Lecture Hours	Lab. Hours	Semester Hours
WLD	131	Study of Tools, Mat'ls & Processes	3	0	3
WLD	132	Principles of Flame Cutting and Arc Welding Equipment	3	0	3
WLD	136	Welding Operations	0	7	3
WLD	137	Welding & Cutting	0	7	3
TM	131	Fundamentals of Mathematics I or Mth. 131 (Math. Dept.)*	3	0	3
BC	131	Basic Communications or Eng. Comp. (Eng. Dept.)*	3	0	3
			—	—	—
			12	14	18
Second Semester					
WLD	134	Processes Related to Welding	3	0	3
WLD	135	A.C. and D.C. Supplies	3	0	3
WLD	138	Test Qualifications	0	7	3
WLD	139	Welding and Brazing	0	7	3
TM	132	Fundamentals of Mathematics II or Mth. 132 (Math. Dept.)*	3	0	3
BC	132	Business Communications or Eng. Comp. (Eng. Dept.)*	3	0	3
			—	—	—
			12	14	18
Third Semester					

Fourth Semester

**234 Special Welding Application.** Special welding applications, brazing, soldering and resistance welding will be studied in this course. Continuation of blueprint reading and layout. Prerequisite: WLD 134 and 135 or WLD 231 and 232. Class: 3 hours.  
*Credit: 3 semester hours*





# **RELATED ARTS DEPARTMENT**

**Beryl R. McKinnerney, Department Head**

**Mid-Management  
Basic Communications,  
Mathematics, and Job Relations**

## MID-MANAGEMENT

*Instructors:* James D. Spencer, David R. Nelson, and Kevin B. Cooney.

Mid-Management is a program in business and supervisory management designed to develop the fundamental skills, knowledge, attitudes, and experiences which will enable men and women to function in decision-making positions as supervisors or junior executives.

A graduate of this two-year instructional program is awarded the Associate of Applied Science degree.

### Program of Study

First Semester	Lecture Hours	Lab Hours	Semester Hours
MM 131 Introduction to Business	3	0	3
MM 141 Mid-Management Internship	0	15	4
MM 111 Mid-Management Seminar	1	0	1
BC 131 Business Communications or Eng. Comp. (Eng. Dept.)*	3	0	3
TM 131 Fundamentals of Mathematics I	3	0	3
	13	15	17

### Second Semester

MM 132 Principles of Economics or Eco. 131 (Economics Dept.)*	3	0	3
MM 142 Mid-Management Internship	0	15	4
MM 112 Mid-Management Seminar	1	0	1
BC 132 Business Communications or Eng. Comp. (Eng. Dept.)*	3	0	3
TM 134 Business Mathematics or Mth. 134 (Math. Dept.)*	3	0	3
Electives†	3	0	3
	13	15	17

### Third Semester

MM 231 Principles of Management	3	0	3
MM 241 Mid-Management Internship	0	15	4
MM 111 Mid-Management Seminar	1	0	1

Fourth Semester

MM	232	Personnel Management	3	0	3
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BC	232	Public Speaking			
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**233 Fundamentals of Supervision.** Methods and techniques of supervision; included

for the more experienced. Topics included are new employees, interviewing, job methods, training, safety, human relations, grievances, motivation, and discipline. Class: 3 hours. Credit: 3 semester hours.

**235 Principles of Accounting.** Special attention is given the financial statements; cash and receivable; fixed assets; pre-paid expenses; liabilities; capital stock and related owners' equity; manufacturing accounting; installment sales; branch accounts. Pre-

**236 Business Law.** Principles of law which form the legal framework for business activity, applicable statutes, contracts, agency. Class: 3 hours. Credit: 3 semester hours.

**BASIC COMMUNICATIONS, MATHEMATICS, AND JOB RELATIONS**

*Instructors:* William H. Hartford, Joe I. Juarez, Jerry R. Moselev, Beryl R. McKin-

These courses are designed to relate to and complement the various programs offered in the School of Technical Arts. The objectives are to develop student competence in the areas of reading, applied grammar, and public speaking; to develop student competence in applied mathematics; and to develop student understanding of job and human relations.

**Basic Communications (BC)**

**131 Basic Communications.** The objectives of this course are to develop student competence in speaking and writing and to increase student competence in the use of the Library for research in his major field. Class: 3 hours. Credit: 3 semester hours.

**132 Business Communications.** The preparation of specifications, inventories, orders for supplies, tools and equipment, and the basic elements of business letters and report writing through the use of practice letters and case studies. Class: 3 hours. Credit: 3 semester hours.

**135 Developmental Reading for University Students.** This course is designed to provide

**134 Business Mathematics.** A comprehensive course in basic business mathematics.

3 semester hours.

**231 Applied Geometry.** Introduction to geometry, areas of polygons, triangles, circles,

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# **TECHNICAL DEPARTMENT**

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**R. J. Lawrence, Department Head**

**Business Data Processing  
Drafting Technology  
Industrial Electricity and  
Electronics Technology  
Police Science**

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**BUSINESS DATA PROCESSING**

*Instructors:* Allen G. Melton, Harry L. Williams



**Fourth Semester**

BDP	243	Advanced FORTRAN	3	2	4
BDP	244	Computer Business Applications	3	2	4
BDP	235	Seminar	3	0	3
Electives†			6	0	6
			15	4	17

\*Students who take these courses must meet the general admission requirements of the institution.

†By approval

Suggested Technical Arts electives: JR 231, JR 232, MM 131, MM 132, MM 133, MM 231, MM 232, MM 233, TM 133, TM 134, TM 231, BC 231, BC 232.

Suggested electives in other schools: BA 4317, PSY 131, SOC 131, PHL 131, ANT 231, SPC 121, MTH 135, MTH 136.

**Business Data Processing (BDP)**

**131 Elementary Accounting.** Double-entry accounting practices and procedures applied to special journals, working papers, subsidiary records, and the preparation of financial statements for a sole proprietorship with an introduction to partnerships. Class: 3 hours. Credit: 3 semester hours.

**132 Elementary Cost Accounting.** Accounting for material, labor, and overhead under job cost, process cost, and standard cost systems. Prerequisite: BDP 131 or consent of the instructor. Class: 3 hours. Credit: 3 semester hours.

**141 Introduction to Business Data Processing.** A survey of data processing from its beginning. Introduction to internal data representation, file concepts, record layouts, unit record equipment, and an overview of the programming languages to be encountered.

**235 Seminar.** A seminar class which promotes advanced study in programming. Students work on special projects which improve their skill in writing and correction

programs. Prerequisite: Consent of instructor. Class: 3 hours. Credit: 3 semester hours.

**241 COBOL II.** A continuation of BDP 144 with emphasis on table handling and

DRAFTING TECHNOLOGY

Tom M. Christian.

This program is designed to provide basic technical information required for entry into the occupation of drafting. Engineering draftsmen prepare precise drawings and specifications from sketches, field notes, and other information furnished by an engineer or designer. The majority of draftsmen specialize in some particular field of work such as piping, structural, architectural, or machine manufacturing.

A graduate of this two-year instructional program is awarded the Associate of Applied Science degree.

Program of Study

Lecture    Lab    Semester

DFT	131	Drafting Instruments	3	0	3
DFT	132	Fundamentals of Drafting	2	0	3

**Fourth Semester**

DFT	234	A.I.S.C. Specifications and Standards	3	0	3
DFT	235	Structural Design	3	0	3
DFT	238	Structural Design Laboratory I	0	6	3
DFT	239	Structural Design Laboratory II	0	6	3
DFT	233	Application of Smoley's Tables	3	0	3
Elective†			3	0	3
			—	—	—
			12	12	18

\*Students who take these courses must meet the general admission requirements of the institution.

†By approval

Suggested Technical Activities: DFT 234, 235, 238, 239

### Drafting Technology (DFT)

**131 Drafting Instruments.** The proper use of all drafting instruments, the construction of freehand and mechanical lettering, dimensioning, multiview projection,

**231 A.S.M. Standards, Pipe and Fitting Designs.** A study of pipe and fittings, designs, symbols, and specifications, sizing process lines and process symbols. Drafting of flow

equipment. Prerequisite: DET 131 and 132. Class: 3 hours. Credit: 3 semester hours.

fications details and process equipment. Prerequisite: DET 131 and 132.

Class: 3 hours.

**INDUSTRIAL ELECTRICITY AND ELECTRONICS TECHNOLOGY**

*Instructors:* Robert J. Lawrence, Lenox L. Sigler, Gearold R. Coppins, Tarlton J. Daigle, Marvin H. Hogan, Jerry L. Wilson, Eugene G. Broussard.

This program is designed to provide the student with an opportunity to develop the necessary skills involved in the repair and maintenance of industrial electrical and electronics equipment.

The objective of this program is to develop an understanding of the underlying theories, technical information, safety factors, and related occupational information to

trainee. The graduate will be prepared to enter one of the many specialized fields associated with the electronics trade.

Fourth Semester

		and Transmitters			
IEE	235	The Principles of Receivers	3	0	3
IEE	238	Solid State Devices	0	6	3

Electives†			3	0	3
			12	12	18

\*Students who take these courses must meet the general admission requirements of the institution.

Suggested Technical Arts electives: DFT 133, MM 131, MM 132, MM 133, MM 231, MM 232, MM 233, BC 231, BC 232, JR 232, MT 133, WLD 133

**Industrial Electricity and Electronics Technology (IEE)**

**131 Basic Laws and Theories.** Fundamentals of electricity, Ohm's law and power, simple series and parallel d-c circuits, and combination circuits. Class: 3 hours. Credit: 3 semester hours.

**132 The Application of Kirchoff's Laws.** D-C meters, conductors, insulators, and

**231 The Theory and Operation of Vacuum Tubes and Associated Circuits.** Half and full wave rectification, power supply regulation and protection, transistor theory and configurations, P-N junction devices, silicon controlled rectifiers, varistors, thermistors, integrated circuits, audio amplifier circuits, and their application. Prerequisite: IEE 134 and 135. Class: 3 hours. Credit: 3 semester hours.

amplifier, oscillators and their applications, Hartley, Colpitts, Pierce and Armstrong circuits. Prerequisite: IEE 134 and 135. Class: 3 hours. Credit: 3 semester hours.

**233 Logarithms.** The common system of logs, operation with logarithms, exponential and logarithmic equations, application to RL and RC circuits, application to amplifiers, and application to transmission lines. Prerequisite: IEE 230. Class: 3 hours. Credit: 3 semester hours.

**234 The Theory and Operation of...**



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POLICE SCIENCE

*Instructor:* Edward L. Parker and John C. West, Jr.

to any law enforcement agency. The program is designed to produce a well-rounded

**Fourth Semester**

PS	232	Criminal Investigation	3	0	3
PS	233	Law and Society	3	0	3
PS	234	Legal Aspects of Law Enforcement	3	0	3
MM	233	Fundamentals of Supervision or Gov. 232 (Gov. Dept.)*	3	0	3
Elective†			3	0	3
			<u>12</u>	<u>0</u>	<u>12</u>

\*Students who take these courses must meet the general admission requirements of the institution.

†By approval

Suggested Technical Arts electives: PS 111, PS 135, PS 235, PS 238, PS 245, PS 239, PS 246, MM 132, MM 232, BC 231, JR 231, TM 132, TM 231, TM 134, DFT 133.

Suggested electives in other Schools: SPC 132, GOV 131, GOV 231, PSY 231, SOC 132, SOC 230, SOC 231, SOC 232, SOC 333, SOC 336, SOC 338, SOC 339, SOC 437, HIS 134, HIS 231.

**POLICE SCIENCE (PS)**

**111. Police Report Writing.** The proper means and methods to prepare a narrative

report and the correct procedures to be used in testifying before a judicial proceeding.

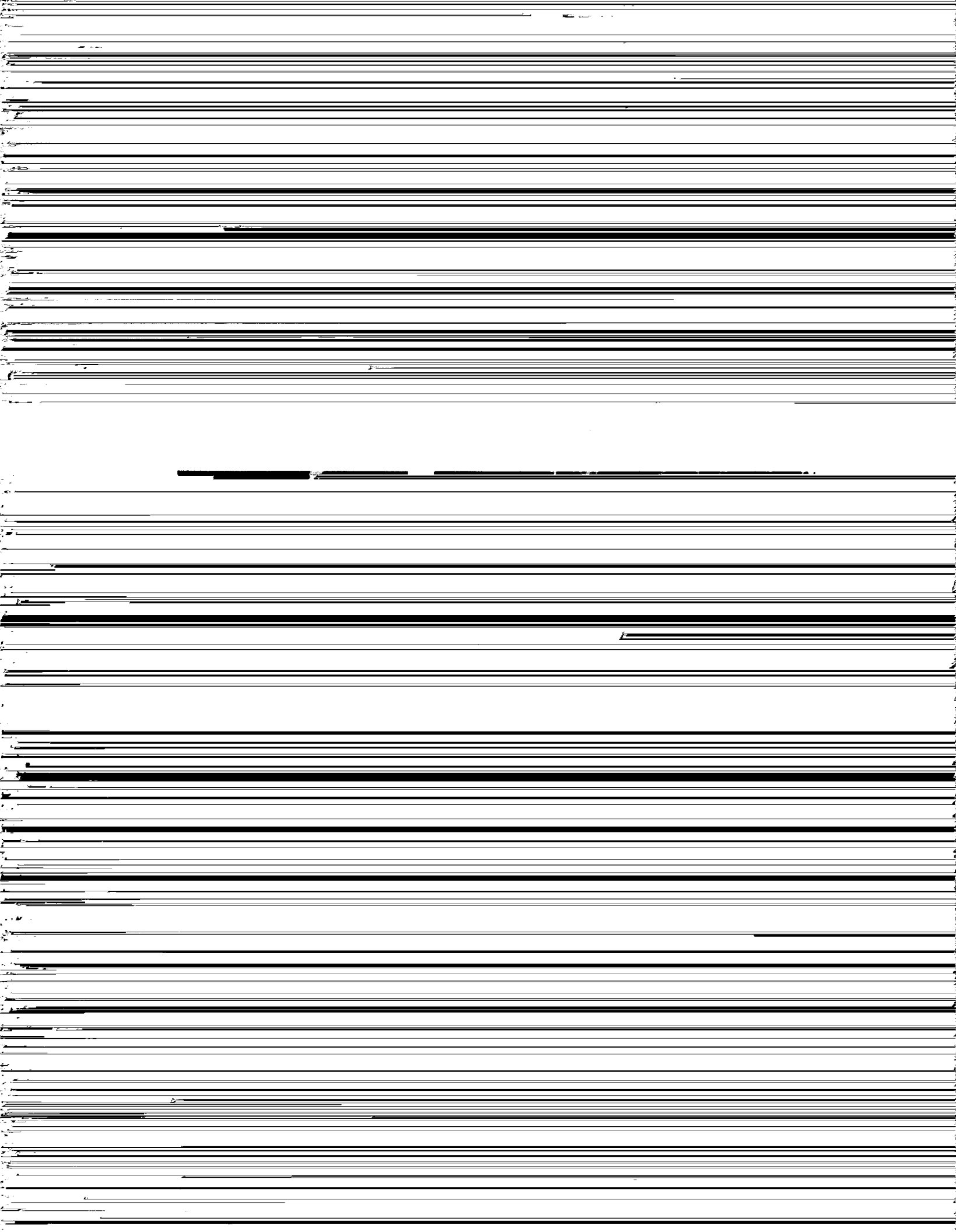
**231 Criminal Law.** This covers a brief history and philosophy of modern law which includes the structure, definition and application of commonly used Penal Statutes and leading case laws. It also includes a review of the elements of crimes, and other legal concepts as they affect the law of crimes. Class: 3 hours. Credit: 3 semester hours.

**232 Criminal Investigation.** Theories and concepts of the investigator's role in modern criminal investigation are studied. Basic skills necessary in conducting an investigation, developing sources of information, the collection and preservation of evidence and preparation of reports are developed. Class: 3 hours. Credit: 3 semester hours.

**233 Law and Society.** Law as an instrument of social control; functions, sources and development of the law; and machinery of law as a part of society. Class: 3 hours. Credit: 3 semester hours.

**234 Legal Aspects of Law Enforcement.** Legal problems which confront the police officer with particular emphasis on the legal controls over police investigative and enforcement techniques; arrest, search and seizure; identification procedures; statements and confessions. Prerequisite: PS 231 or 237. Class: 3 hours. Credit: 3 semester hours.

**235 Criminology.** Crime as a form of deviant behavior; nature and extent of crime;



# **ADULT TRAINING PROGRAMS**

**Norman E. Lowrey, Supervisor**

**Industrial Supervision**

**Law Enforcement Training**

**Nurse Assistant**

**Plant Maintenance and**

**Operations**

**Real Estate**

INDUSTRIAL SUPERVISION

This series of courses is planned for business and industry supervisory personnel

requisite to registration in supervisory courses. The content of the program offered

**1320 Job Evaluation.** Job evaluation systems and techniques. Problems of installing a program of job evaluation. Actual cases are studied. Class: 3 hours. Credit: 3 semester hours.

**1321 Management Supervision.** Methods and techniques of supervision from the executive viewpoint. Topics included are organization and management control of waste.

manpower, machines and material, getting cooperation, communications, human relations, controlling accidents and selected management problems. Class: 3 hours. Credit: 3 semester hours.

**1322 Labor Relations.** Company policy, labor history, legislation and labor unions, the labor contract, grievances and arbitration are included in this course. Class: 3 hours. Credit: 3 semesters.

**1323 Industrial Organization and Management.** An advanced course in management. The course presents management functions in detail, so that inter-relationships of

**1324 Industrial Sociology.** A study of the social structure of modern large-scale industry and its relation to society. Class: 3 hours. Credit: 3 semester hours.

**1325 Industrial Communications I.** Basic information and techniques for effectively

**LAW ENFORCEMENT TRAINING**

*Instructor:* Edward L. Parker.

The objective of this program is to provide basic law enforcement training to meet the certification requirements for police officers as set by the Texas Commission on

Admission to this program is limited to officers and reserve officers who are currently associated with law enforcement agencies



PLANT MAINTENANCE AND OPERATIONS

This course of study is provided for persons engaged in the maintenance and operations of the various petro-chemical plants in the area.

The objectives of this program are to reinforce the practical work skills developed

**REAL ESTATE**

This program of study is designed to prepare a student to meet the classroom requirements of the State Licensure Board for a sales and brokers license and to improve his competence in the specialized areas of real estate.

A person who successfully completes 12 semester hours from the following list

*and a Certificate of Completion in Real Estate*

**Real Estate (RES)**

**1211 Real Estate I.** Texas Realtor's Institute I. This course deals primarily with residential properties and covers the essentials of real estate brokerage. Class: 2 hours. Credit: 2 semester hours.

**1221 Real Estate II.** Texas Realtor's Institute Course II. This course introduces the student to tax free exchanges, marketing, construction, management, appraisal, and financing of commercial properties. Advanced sales and administration techniques and included. Class: 2 hours. Credit: 2 semester hours.

**1231 Real Estate III.** Texas Realtor's Institute Course III. This course provides a student with an advanced approach in the development of investment property and

# **CONTINUING EDUCATION**

**Joseph Reho, Director, Continuing Education**

**James D. Spencer, Supervisor,  
Vocational-Technical Continuing Education**

## CONTINUING EDUCATION

Continuing Education is based on the concept that education is a lifelong process; that in a world of accelerating change, education must be a continuous series of learning

Continuing Education has specific reference to education and training programs designed to serve interests and needs of the adult population. The program accepts adults of all levels of academic achievement. It seeks to provide participants with in-

their educational and occupational objectives, and gain the wisdom to lead more rewarding personal lives.

Lamar University offers informal non-credit courses for adults in a variety of subjects designed to meet educational needs not readily met by conventional educational programs.

**Cummins Diesel Engine Workshop.** Representatives of the Cummins Diesel Company conduct this workshop to inform interested persons about the latest improvements made in the company's engines.

**Detroit Diesel Engines Workshop.** Representatives of the Detroit Diesel Corporation conduct this workshop to inform persons interested in learning about the latest im-

**Automotive Workshops.** This workshop is designed to keep mechanics abreast of the latest developments in the field of automotive repair.

**Surviving Workshops.** These workshops are offered to satisfy the needs of mechanics

**Welding.** Courses are offered in basic welding to prepare workers for the shipbuilding industry. Other courses are conducted to provide advanced training in pipe welding,

**Machine Shop Practices.** Courses taught by experienced instructors are offered in the field of machine shop practices. The content of the courses is adapted to the educational objective of the class.

#### SPECIAL TRAINING ACTIVITIES

The objective of these activities is to provide training to meet the requirements for certification or licensing by various state agencies and associations. In addition, these courses are intended to meet special training needs of businesses and industries

to a few years.

**Apprenticeship Training.** Lamar University offers courses that satisfy the requirements of the various joint apprenticeship committees, the Department of Labor,

## OFFICERS OF ADMINISTRATION

FRANK A. THOMAS, JR., B.S., M.S., Ph.D., Director, School of Technical Arts

THOMAS T. SALTER, B.S., M.Ed., Ed.D., Vice-President of Extended Services  
KENNETH E. SHIPPER, B.S., M.A., Ph.D., Dean, School of Technical Arts  
GUS A. CARLSEN, I.E., Assistant Dean, School of Technical Arts  
ANDREW J. JOHNSON, B.A., M.A., Ph.D., Vice-President of Academic Affairs

G. A. WIMBERLY, SR., B.S., Assistant to the President, Personnel Officer  
H. C. GALLOWAY, JR., B.S., M.Ed., Vice-President of Finance  
DAVID L. BOST, B.A., M.J., Ph.D., Vice-President of Student Affairs  
GEORGE E. McLAUGHLIN, B.S., Dean of Students  
NORRIS H. KELTON, B.A., M.A., Dean of Admissions and Records  
OSCAR K. BAXLEY, B.B.A., Business Manager  
ELMER G. RODE, B.B.A., M.Ed., Associate Dean of Admissions and Records  
JOE B. THRASH, B.S., M.A., Director, Testing and Placement Center and Veterans  
Education  
GARLAND W. LOVELACE, B.S., M.Ed., Vocational Counselor  
EUGENE W. CARPENTER, B.S., Director, University Police

JESS R. DAVIS, B.B.A., B.S., M.Ed., Director, Student Financial Aids

R. BLAINE THOMAS, B.S., M.A., Ph.D., Director of Library Services  
MRS. WILLA V. NEWTON, Senior Secretary, School of Technical Arts  
JOANNE HIGGS, Secretary, School of Technical Arts

1967, 1971  
T. J. DAIGLE, Instructor III of Industrial Electricity & Electronics Technology, 1951,  
1971  
B.S., University of Southwestern Louisiana



MRS. VIRGINIA RUDLOFF, Instructor I of Vocational Nursing, 1970  
Registered Nurse, State of Texas

J. C. SHANKLES, Instructor III of Welding, 1952, 1971  
LENOX SIGLER, Instructor II of Industrial Electricity & Electronics Technology  
1965, 1970  
JAMES H. SMITH, Instructor I of Diesel Mechanics, 1968, 1970

C.C., Lamar University

JAMES D. SPENCER, Supervisor, Vocational-Technical Continuing Education, 1970  
B.S., M.Ed., Texas A&M University

MRS. FAYE N. STONE, Instructor I of Vocational Nursing, 1969, 1970  
Registered Nurse, State of Texas

MRS. BERNICE STURROCK, Instructor II of Vocational Nursing, 1963, 1971  
Registered Nurse, State of Texas

MRS. EDNA MARY TERRELL, Instructor I of Vocational Nursing, 1968, 1970  
Registered Nurse, State of Texas

ELLIS THOMPSON, Instructor III of Refrigeration and Air Conditioning Technology

WALTER W. TURMAN, Instructor II of Mathematics, 1967, 1971  
B.S., East Texas State University  
M.A., Texas A & M University

CAREY B. WESLEY, Instructor II of Welding, 1966, 1970  
C.C., Lamar University

JOHN C. WEST, JR., Instructor I of Police Science, 1971  
B.A., Lamar University  
J. D., The University of Texas

HARRY L. WILLIAMS, Instructor II of Business Data Processing, 1968, 1971  
B.B.A., Stephen F. Austin State University

JERRY L. WILSON, Instructor II of Industrial Electricity & Electronics Technology,  
1970  
B.S., Lamar University

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JAMES B. ENER, Lecturer of Real Estate, 1963  
HORACE EPPERHART, Lecturer of Industrial Electricity & Electronics Technology,  
1970  
JOSEPH FISCHER, Lecturer of Mathematics, 1971  
B.S., Lamar University  
SHERMAN GUYON, Lecturer of Mid-Management, 1969  
B.B.A., University of Houston  
FRANK JAMESON, Lecturer of Real Estate, 1969  
MRS. KAY JONES, Lecturer of Distributive Education, 1971  
B.A., Mississippi Women's College  
NEIL C. KERR, Lecturer of Welding, 1970  
ROBERT A. KIRKLAND, Lecturer of Mathematics, 1971  
B.S., Lamar University  
JERRY KNOWLES, Lecturer of Business Data Processing, 1971  
C.C., Lamar University  
THOMAS MARTINDALE, Lecturer of Welding, 1971  
CALVIN McKAY, Lecturer of Industrial Supervision, 1966  
B.S., University of Southwestern Louisiana

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ROBERT M. MOSS, Lecturer of Machine Tools, 1971

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WILLIAM C. PETERS, Lecturer of Business Data Processing, 1967  
GEORGE D. SCHULTZ, Lecturer of Police Science, 1971

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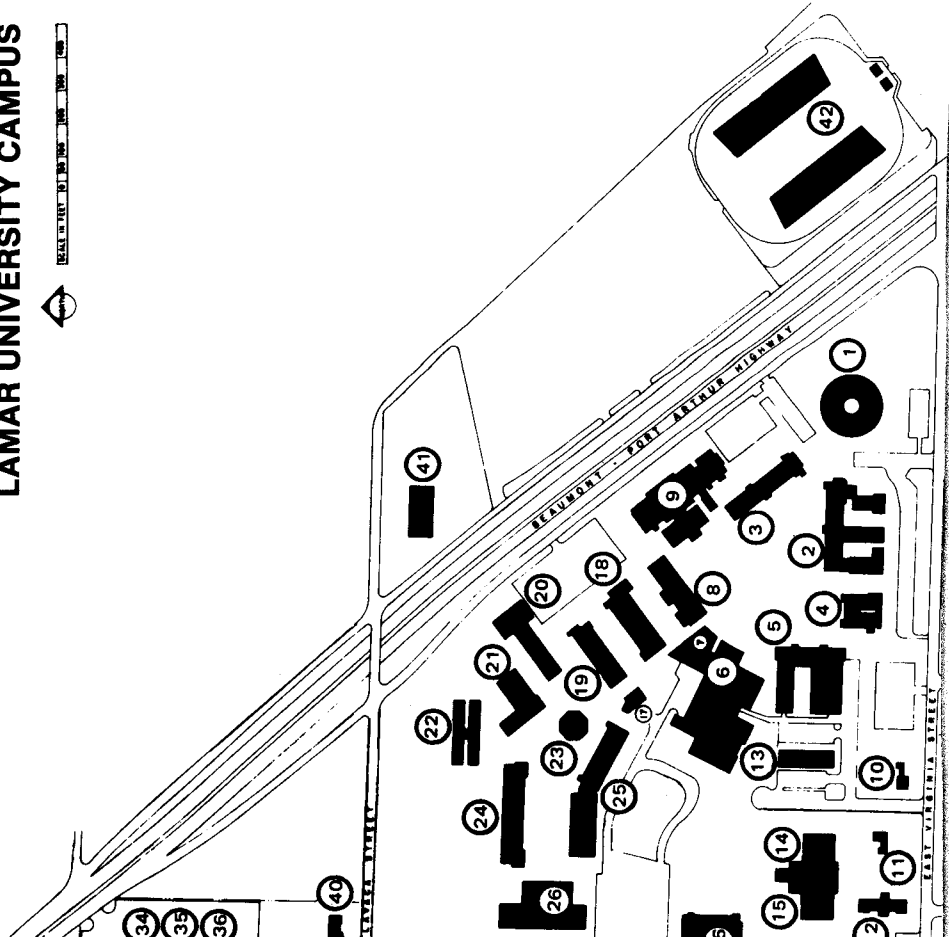
**What Is a Technician?**

# LAMAR UNIVERSITY CAMPUS

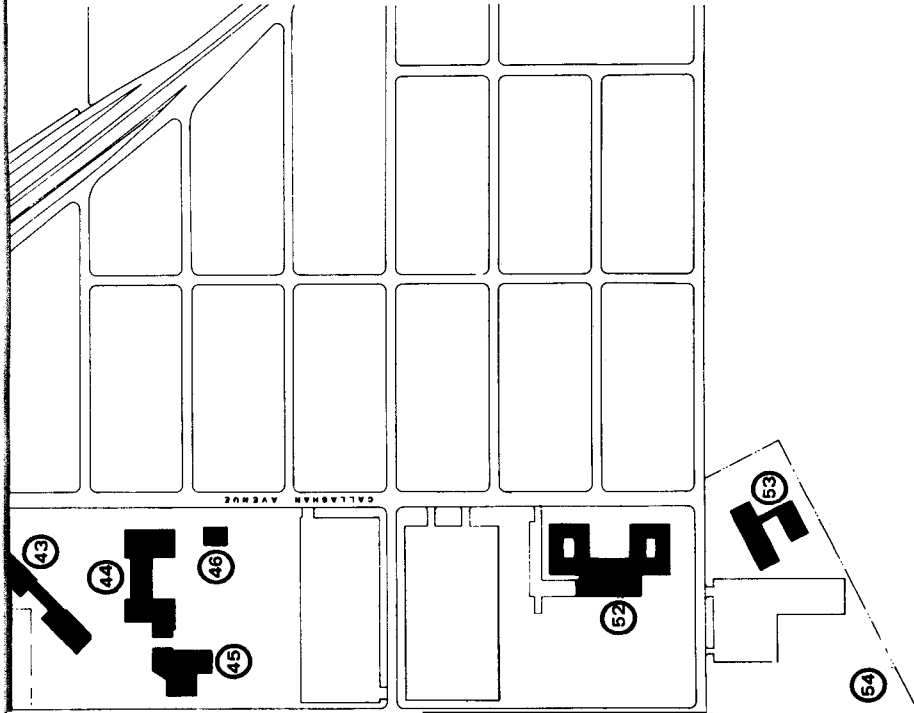


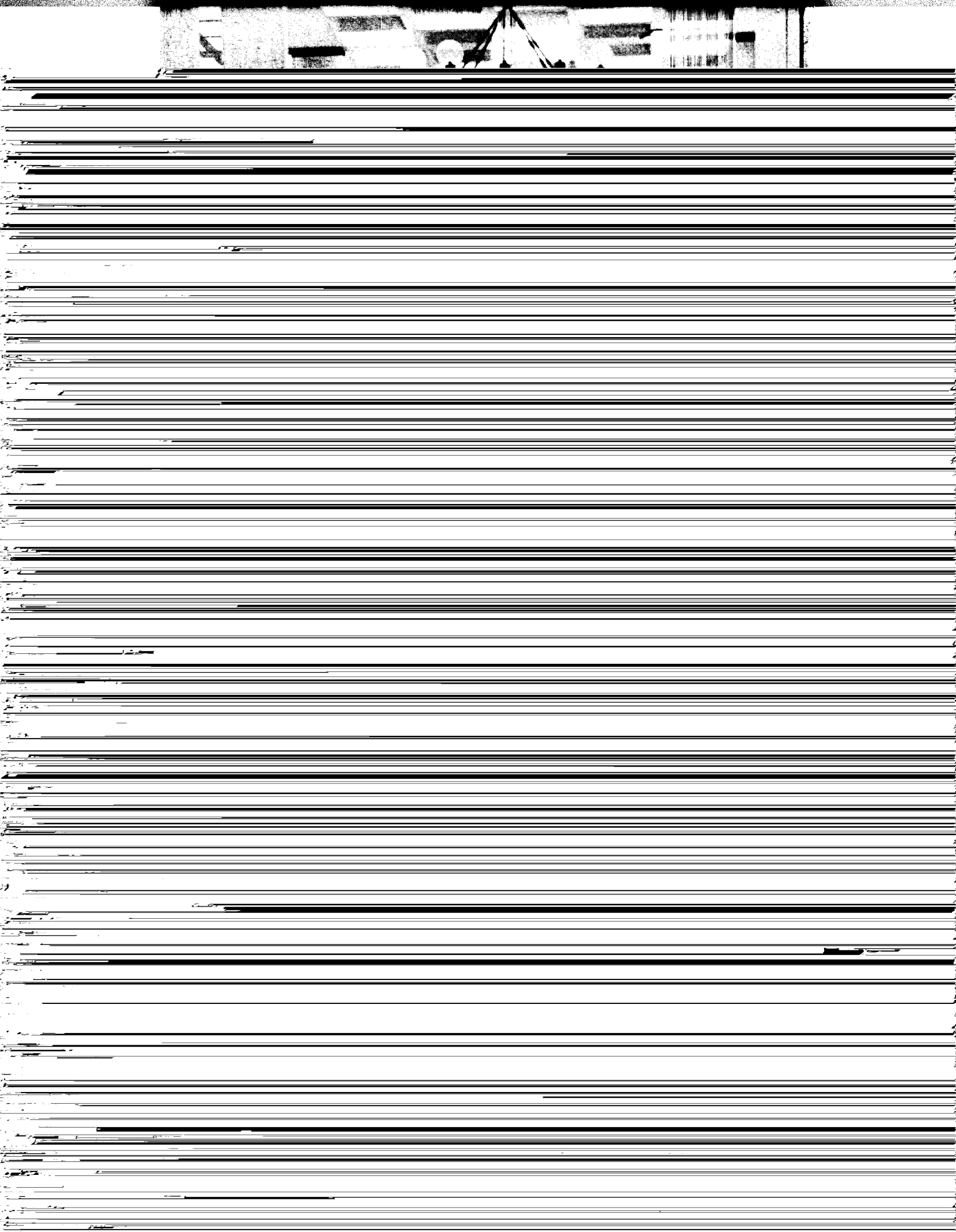
## LEGEND

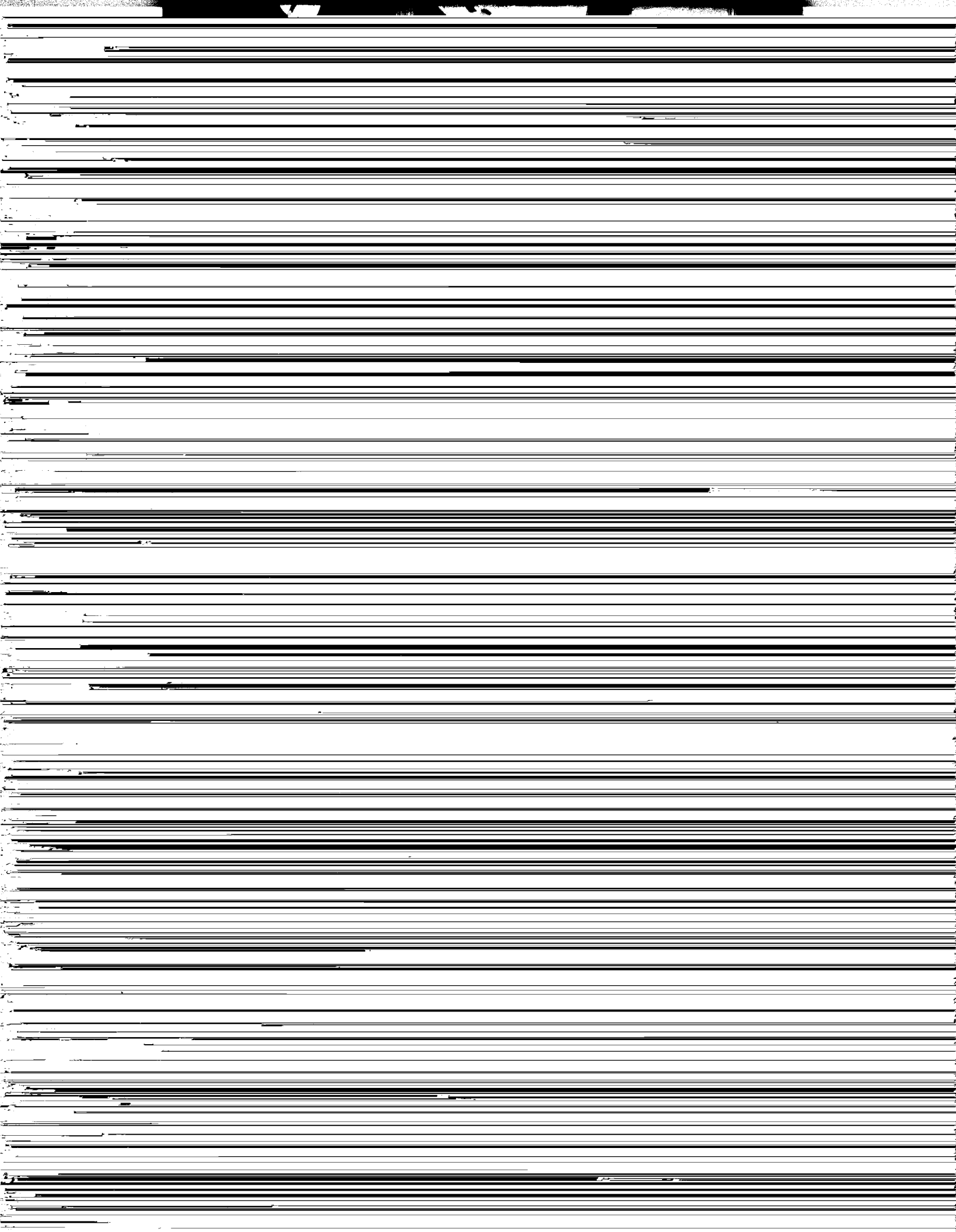
- 1. ADMINISTRATION BUILDING
- 2. ENGINEERING NO. 1
- 3. STUDENT AFFAIRS
- 4. HOME ECONOMICS
- 5. ENGINEERING NO. 2
- 6. SETZER STUDENT CENTER
- 7. BOOKSTORE
- 8. PHYSICS
- 9. LIBRARY
- 10. HOME ASSOCIATE DEAN OF STUDENTS
- 11. PRESIDENT'S HOME
- 12. HEALTH CENTER
- 13. POST OFFICE
- 14. DINING HALL A
- 15. DINING HALL B
- 16. MEN'S PHYSICAL EDUCATION
- 17. MECHANICAL PLANT
- 18. GEOLOGY
- 19. BUSINESS
- 20. MUSIC - SPEECH
- 21. THEATRE
- 22. ART
- 23. SCIENCE AUDITORIUM
- 24. BIOLOGY
- 25. CHEMISTRY
- 26. WOMEN'S PHYSICAL EDUCATION
- 27. TRACK



- 28. SWIMMING POOL
- 29. LAMAR APARTMENTS NO. 1
- 30. LAMAR APARTMENTS NO. 2
- 31. LAMAR APARTMENTS NO. 3
- 32. GENTRY HALL
- 33. TECHNICAL ARTS BUILDING NO. 1
- 34. TECHNICAL ARTS BUILDING NO. 2
- 35. TECHNICAL ARTS BUILDING NO. 3
- 36. TECHNICAL ARTS BUILDING NO. 4
- 37. TECHNICAL ARTS BUILDING NO. 5
- 38. NURSERY SCHOOL
- 39. HOME MANAGEMENT
- 40. BUILDING SUPERINTENDENT'S HOME
- 41. MAINTENANCE BUILDING
- 42. CARDINAL STADIUM
- 43. ENGINEERING NO. 3
- 44. LIBERAL ARTS
- 45. EDUCATION
- 46. MECHANICAL PLANT
- 47. MORRIS HALL
- 48. COMBS HALL
- 49. CAMPBELL HALL
- 50. GRAY HALL
- 51. PLUMMER HALL
- 52. BROOKS & SHIVERS HALLS
- 53. EDUCATIONAL SERVICES CENTER
- 54. STADIUM







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