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# Undergraduate Supplement to General Catalog - The School Year 1984-1986

Prairie View A&M University

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PRAIRIE YOUW A&M UNIVERSITY RARY
(A Part of The Texas A&M University System) 77446

# 1985-1986 SUPPLEMENT TO THE 1984-86 GENERAL CATALOG ISSUE

LD 4571 P58C37 1984-1986 Supp.



Prairie View, Texas

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#### BULLETIN OF

#### PRAIRIE VIEW A&M UNIVERSITY

Established by the Legislature of the State of Texas in the year 1876

**VOLUME 73** 

**JULY 1985** 

NO. 2

# 1985-86 SUPPLEMENT TO THE 1984-86 GENERAL CATALOG ISSUE



LD 4571 P58C37 1984-1986 SUPP.

#### ACCREDITATION

The University is accredited by the Texas Education Agency and the Southern Association of Colleges and Schools. The teacher education programs are accredited by the National Council for Teacher Education. The engineering curricula are accredited by the Accreditation Board of Engineering and Technology. The nursing curriculum is accredited by the National League for Nursing. The home economics curricula are accredited by the American Home Economics Association. The social work curriculum is accredited by the Council of Social Work Education.

Entered as second-class mail matter at the Post Office at Prairie View, Texas, USPS 074-960.

#### PURPOSE OF THE SUPPLEMENT

This publication is the 1985-86 Supplement to the 1984-86 General Catalog. It summarizes pertinent changes in the academic and business affairs of Prairie View A&M University for the 1985-86 school year.

The Supplement addresses only those areas of change that have been documented for the 1985-86 Academic Year. As such, it is designed to be used in conjunction with the General Catalog. If a particular area of interest is not covered in the Supplement, one should use the 1984-86 General Catalog as a reference. The 1984-86 General Catalog will continue to be the most comprehensive source of information concerning the University and its programs for the 1985-86 Academic Year.

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# ACADEMIC CALENDAR 1985-86

# Fall 1985

EVENT/ACTIVITY	MONTH/DAT	E	DAY
Residence Halls and Dining			depute in the searche
Hall Open		20	Tuesday
Orientation for New Students	August 20-5		Tuesday-Wednesday
Regular Registration	August 22-2	23	Thursday-Friday
Registration for Weekend and	Assessed 6	24	Catuadan
Off-Campus Classes	August	24	Saturday
Instruction Begins/Late Registration/Adding and			
Dropping with Fee Begins	August	26	Monday
Late Registration and Adding	August	20	Wilding
and Dropping Courses			
Ends	August	31	Saturday
Labor Day (Holiday)	September	2	Monday
Withdrawal without Record	The state of the s	-	bridge and the small state of
Ends	September	9	Monday
Application for Fall			
Graduation Ends	September	30	Monday
Withdrawal from Courses			Souther of Lactices
with an Automatic Grade of			
"W" Ends/After This Date			
Student Will Receive "WP"	retiren		
or "WF"	October	11	Friday
Midsemester Examination			ml 1 0 1
Period	October 17-	19	Thursday-Saturday
Midsemester Grades Due in	0.1	22	T 1
Registrar's Office	October	22	Tuesday
Pre-registration for Spring Semester	November 11-	16	Mandan Catalan
Thanksgiving (Holiday)	November 28-		Monday-Saturday Thursday-Saturday
Instruction Resumes	December 20-	2	Monday
Last Day to Withdraw from	December	4	Monday
Any Course or Courses	December	2	Monday
Final Examination Period		14	Monday-Saturday
Semester Ends	December	14	Saturday
Final Grade Reports Due in	2 ccciiioci	2.1	outurday
Registrar's Office	December	16	Monday
		20	and the same of th

EVENT/ACTIVITY	MONTH	DATE	DAY
Residence Halls and Dining			
Hall Open	January	5	Sunday
Orientation for New Students	January	6-8	Monday-Wednesday
Regular Registration	January	9-10	Thursday-Friday
Registration for Weekend and	January	0 10	
Off-Campus Classes	January	11	Saturday
Instruction Begins/Late	Junuary	and the	butterday
Registration/Adding and			
Dropping with Fee Begins	January	13	Monday
Late Registration and Adding	Junuary	10	monday and more line
and Dropping Courses			
Ends	January	18	Saturday
Birthday of Martin Luther	January	10	Saturday
King, Jr. (Holiday)	January	20	Monday
Withdrawal without Record	Junuary	20	Monday
Ends	January	27	Monday
Application for Spring	Juliaury	-	Monday
Graduation Ends	January	31	Friday
Withdrawal from Courses	January	n2 hans	2 Trong
with an Automatic Grade of			
"W" Ends/After This Date			
Student Will Receive "WP"			
or "WF"	March	1	Saturday
Midsemester Examination		l min	Droigonny with Fore Be-
Period	March	6-8	Thursday-Saturday
Midsemester Grades Due in			Reservoir a marginalist ones
Registrar's Office	March	10	Monday
Spring Recess	March	10-15	Monday-Saturday
Instruction Resumes	March	17	Monday
Easter (Holiday)	March	28-29	Friday-Saturday
Instruction Resumes	March	31	Monday
Honors Convocation	April	9	Wednesday
Pre-registration for Fall	displaying		
Semester	April	9-12	Wednesday-Saturday
Last Day to Withdraw from	to make		A STATE OF THE PARTY OF THE PAR
Any Course or Courses	April	28	Monday
Final Examination Period for	P		and the state of t
Candidates for Graduation	May	1-2	Thursday-Friday
Final Examination Period	May	5-10	Monday-Saturday
Semester Ends	May	10	Saturday
Commencement	May	11	Sunday
Final Grade Reports Due in			Hat Make a
Registrar's Office	May	13	Tuesday
			and the Market of

# SUMMER SESSION

#### First Summer Term 1986

EVENT/ACTIVITY	MONTE	I/DATE	DAY
Registration	May	30-31	Friday-Saturday
Instruction Begins/Late Registration/Adding and	Visin		and the state of the state of
Dropping with Fee Begins	Iune	2	Monday
Late Registration and Adding			the second was and
and Dropping Courses			
Ends	June	3	Tuesday
Application for Summer			DA THE LIGHT SHOP IT
Graduation Ends	June	13	Friday
Independence Day (Holiday)	July	4	Friday
Instruction Resumes	July	5	Saturday
Final Examination Period	July	8-9	Tuesday-Wednesday
First Summer Term Ends	July	9	Wednesday
Final Grade Reports Due in	- Company		
Registrar's Office	July	10	Thursday
	Adminis		the same of the sa

# Second Summer Term 1986

Registration	July	11-12	Friday-Saturday
Instruction Begins/Late			" ner got this their
Registration/Adding and	Hotel		TW
Dropping with Fee Begins	July	14	Monday
Late Registration and Adding			
and Dropping Courses			
Ends	July	15	Tuesday
Final Examination for	de la		The state of the s
Candidates for Summer			
Graduation	August	11	Monday
Final Examination Period	August	15-16	Friday-Saturday
Second Summer Term Ends	August	16	Friday-Saturday
Commencement	August	17	Sunday
Final Grade Reports Due in	Inne		
Registrar's Office	August	18	Monday

# PRAIRIE VIEW A&M UNIVERSITY

# Administrative Officers

President Percy A. P	ierre
Executive Vice President for Academic Affairs Thomas J. Cle	
Executive Vice President for Administration Herbert N. Wa	tkins
Vice President for Development and	
University Relations Johnny R.	Hill
Associate Vice President for Academic	
Services and Planning Elaine P. Ac	lams

# Academic Administration

Dean, Benjamin Banneker College	Ronald J. Sheehy
Dean, College of Agriculture	
Dean, College of Arts and Sciences	
Dean, College of Business (Interim)	Murphy Crawford
Dean, College of Education (Interim)	
Dean, College of Engineering	
Dean, College of Engineering Technology	Hakumat Israni
Dean, College of Home Economics	
Dean, College of Nursing (Interim)	Darimell Waugh
Dean of the Graduate School	. Arthur C. Washington

# Administrative Staff Officers

Admissions/Financial Aid	A. D. James
Alamasi Affaira	Pauling D. Ponnar
Alumni Affairs	Fauline D. Bonner
Army ROTC	. Charles Anderson, Jr.
Assistant to the President	Frederick V Roberts
Alleria	Posters N. Isolana
Athletics	brutus N. Jackson
Banks (W. R.) Library	Donald G. Sweet
Career Education and Placement	Brutus N. Jackson
Computer Services	Norman J. Hunter
Controller	Charles E. White
Cooperative Extension Services	Hoover Carden
Counseling Services	Bessie Smith
Counseling Services  Dean of Students	John D. Harris
Facilities (Houston)	Álvin I. Thomas
Health Center	Ruth N. Smith
Housing	
Management and Support Services	Sandra B. Davis
Navy ROTC	Lee T. Womack, Ir.
Personnel	Albert Coa
Physical Plant	Gerald Kelley
Public Information	Ed L. Shannon
Recruitment	
D. minture.	Engline Vandaubilt
Registrar	Erskine vanderblit
Security	Rusaw Knowles
Student Activities	
otadone montado i i i i i i i i i i i i i i i i i i i	Johnson

# **GENERAL INFORMATION**

## UNDERGRADUATE PROGRAMS

## ADMISSION REQUIREMENTS

#### **Admission Status**

#### Change:

Admission Status: Prairie View A&M University admits individuals in categories determined by the following criteria:

- 1. *Unconditional Admission* is granted to applicants for the Freshman class who meet all of the following requirements:
  - a. A high school grade point average of at least 2.0 on a four-point scale;
  - b. Graduation in the upper 50% of their graduating class;
  - c. An SAT score of 700 or above or an ACT score of at least 15.

Applicants will also be admitted unconditionally if any one of the following conditions is met:

- a. A score of 800 or more on the SAT; OR
- b. A score of 18 or more on the ACT; OR
- c. Graduation in the upper 25% of the graduating class.
- 2. Provisional Admission is granted to applicants for the Freshman class who do not meet the requirements for unconditional admission but who show the potential for success in college. The following conditions must be met before the student is granted unconditional status:
  - a. Enrollment in six (6) semester hours of specified courses in math and English during the summer prior to initial fall enrollment and completion of each course with a grade of "C" or better. The specified English and math courses may not count for credit towards the bachelor's degree; OR
  - b. Enrollment in the fall in six (6) semester hours of specified courses in math and English and completion of each course with a grade of "C" or better. The specified English and math courses may not count for credit towards the bachelor's degree. During this provisional semester the student may carry no more than nine (9) additional semester credit hours.

#### FEES AND FINANCIAL AID

# Registration and Student Fees

Registration at the University consists of the dual process of enrolling in classes and paying fees. Registration cannot be completed and no student can be formally enrolled in a class until all required fees are paid to the Bursar's Office.

# **Explanation of Fees**

Fee amounts are subject to change with notice. Fee amounts listed below are those in effect for the Fall Semester, 1985. Current fee schedules may be obtained from the Registrar or the Bursar.

#### Required Fees

Tuition. Texas residents pay \$12.00 per semester credit hour, but not less than \$60 per academic semester and not less than \$50.00 per five or six weeks summer term. Non-Texas residents pay \$120 per semester credit hour.

Student Service Fee. All students attending the University are required to pay \$7.50 per semester credit hour, not to exceed \$90 per semester. This fee covers student admission to athletic and other University sponsored activities, subscription to the student newspaper, and routine health care. The fee for each Summer Term will not exceed \$45.

Building Use Fee. All students are required to pay \$5.75 per credit hour for retirement of indebtedness on certain University buildings and facilities.

#### **On-Campus Residential Fees**

**Room Rent.** All students residing in University residence halls must pay the rent amount charged for the particular dormitory occupied.

**Board.** Students residing in University residence halls must participate in the University food service plan which provides 15 or 21 cafeteria-style meals per week, according to student plan selection.

**Laundry.** Students residing in University residence halls must participate in the University laundry plan which provides a pre-determined number of laundered items per week.

Sales Tax. State sales tax is required to be paid by all students participating in the food service plan.

#### **Incidental Fees**

Add/Drop Fee	
Laboratory Fees \$2 to \$8 per course	•
Auditing Fee	
Bad Check Fee	
Diploma Fee, Undergraduate \$10	
Diploma Fee, Graduate\$20	
Certificate Fee	
Late Registration Fee	
I.D. Card \$4 per semester	
\$2 per summer ter	m
Transcript Fee, after the First \$2	
Vehicle Registration	
\$10 per summer ter	m
Registration in Absentia	
\$17.50, non-residen	nt

#### Fee Examples

The following fee examples are those for a Texas resident enrolling for fifteen (15) semester hours during a semester or six (6) semester hours during a summer term, using the fee schedule above.

	Resident	Non- Resident	Resident	Non- Resident
Fee for:	Sem	ester	Summe	er Term
Tuition	\$180.00	\$1,800.00	\$ 72.00	\$720.00
Student Service	90.00	90.00	30.00	30.00
Building Use	86.25	86.25	34.50	34.50
Room (Drew & Holley)	578.00	578.00	245.00	245.00
All Other Dorms	506.00	506.00	204.00	204.00
Board	735.00	735.00	307.00	307.00
Sales Tax on Board	36.75	36.75	15.35	15.35
Laundry	79.00	79.00	31.00	31.00
I.D. Card	4.00	4.00	2.00	2.00
Health Center Fee	15.00	15.00	7.50	7.50

#### Fee Payment Plans

The University offers several methods for paying fees. A description of these fee payment plans may be obtained from the Office for Admissions and Financial Aid.

# Refundable Deposits

General Property Deposit\$10	
(Covers possible damage to University property or other student in-	
debtedness. Refunded upon request not earlier than ten days after graduation or withdrawal if no damages occur.)	

Room Reservation Deposit
(Covers reservation and is retained to cover possible damage to Univer-
sity property or other indebtedness. Refunded upon request not earlier
that 10 days after graduation or withdrawal if no damages occur.)

Key Deposits, Initial	5
Key Deposit, Replacement	10
(Full amount refundable with receipt.)	

# Financial Aid: Grants, Loans, Scholarships and Work Study

The Office for Admissions and Financial Aid administers various programs providing financial assistance to qualified students. Services provided include student loans, scholarships, grants, work-study programs, and counseling and advisement on financial aid and admissions. Except for certain scholarships for high achievers, the amount of financial aid available is generally based on need, ability and promise. For information regarding specific programs available, contact the Office for Admissions and Financial Aid.

Prairie View A&M University has an excellent academic scholarship program. Awards are based on SAT/ACT test scores, grade point average, and class rank. Financial need is not a factor. The scholarships range from \$1,500 - \$3,000 per academic year and are renewable based on continued high academic performance. Students interested in such scholarships should apply for admission to the University as early as possible. Student admission files are reviewed by the University Academic Scholarship Committee which

determines who will receive the scholarships according to specified standards.

#### **Unpaid Obligations**

Students who do not fulfill their financial obligations when due are administratively withdrawn from the University and will not receive academic credit for that term. All checks accepted by the University are expected to clear the bank on which they are drawn. A student who issues checks which are dishonored will be jenied further check writing privileges.

# ACADEMIC INFORMATION

#### UNDERGRADUATE PROGRAMS

# BENJAMIN BANNEKER COLLEGE

Change: BENJAMIN BANNEKER HONORS COLLEGE

Change: The purpose of the baccalaureate programs in the Banneker Honors College is to prepare students for postgraduate studies in certain scientific and technical fields at highly competitive academic institutions. Students in the Banneker Honors College complete intensive versions of the traditional curricula in their fields and in the liberal arts. The Banneker students also participate in academic enrichment programs in their learning/living environment. The Banneker Honors College is a full-time residential college.

Change: The College's first class enrolled in the fall of 1984 and consisted of selected entering freshmen majoring in Biology and Electrical Engineering.

# COLLEGE REGULATIONS FOR ADMISSION AND ACADEMIC PROGRESS

#### ADMISSION

#### Freshmen

**Change:** Freshman applicants for admission to the Benjamin Banneker Honors College must meet the following selection requirements:

- 1. Rank in the upper 25% of high school class.
- Achieve a minimum SAT score of 900 or a minimum ACT composite score of 21.
- 3. Be strongly recommended by high school faculty.
- 4. Meet the other general admission requirements of the University.
- 5. Provide a transcript of the high school record and SAT or ACT scores.

# Sophomores

Change: Interested sophomores whose cumulative grade point average is at least 3.50 and whose candidacy for admission into the Banneker Honors College is supported by recommendations from three (3) college teachers, including the major department heads, will be considered for admission.

#### Transfer Students

Add: Students transferring from other universities or colleges who wish to enter the Banneker Honors College should write a letter of application to the Dean of the Banneker Honors College. They should also present transcripts of their previous college work and any SAT, ACT, and Advanced Placement Scores. However, since the core of the honors curriculum is in the freshman and sophomore years, transfer students should seek admission to the Banneker Honors College as early as possible.

#### ACADEMIC PROGRESS

Change: Overall academic requirements for remaining in good standing as a Banneker Honors student are as follows:

- (1) Students must maintain a cumulative grade point average of 2.50. Otherwise, they are placed on academic probation the following semester, at the close of which the student will be evaluated for possible suspension from the Banneker Honors College and for transfer into the general program of his or her major college by the Dean of the College.
- (2) In order to remain in good standing all Banneker Honors students are required to take a minimum of 12 hours each semester.

Honors students who are in jeopardy of being eliminated from the Banneker Honors College are urged to take advantage of special counseling services. Also, they are free to appeal the exclusion decision by going through the proper administrative channels.

# COLLEGE OF AGRICULTURE

#### DESCRIPTION OF COURSES

Agricultural Education (AGED)

Add:

**4991-4992-4993. Independent Study.** (0-0). Credit 1, 2, Or 3. Readings, research and/or field work on selected topics in Vocational Agricultural Education. Prerequisite: Consent of advisor.

Agronomy (AGRO)

Delete:

4603. Range and Pasture Management.

# COLLEGE OF ARTS AND SCIENCES DEPARTMENT OF ARMY SCIENCE

#### SPECIAL PROGRAMS

**Development Opportunities** 

Change: The courses with academic credit include Military History and Basic Camp Training.

**Delete:** "Advanced Summer Camp Training, Aviation, and Civil Military Transition Seminars."

**Change:** The Prairie View Academic Scholarship program is designed to provide financial assistance to selected AROTC participants.

Delete: References to Scholars' Award Program.

#### DESCRIPTION OF COURSES

Army (ARMY)

Delete:

3303. Introduction to Aviation.

4402. Military Seminar.

#### DEPARTMENT OF ART, MUSIC AND DRAMA

#### INSTRUCTIONAL ORGANIZATION

Delete:

Programs
Applied Music:

Degrees B.A.M.\*

Piano

Voice Wind or

> Percussion Instrument

B.A.M.\*

Music Education
\*The B.M. degree in these programs is retained.

Add:

Program

Degree B.A.

Music (Liberal Arts)

# HONOR SOCIETIES, CLUBS, AND PERFORMING ORGANIZATIONS

Change:

Brass Ensemble. An ensemble devoted to the performance of music written for brass instruments.

Add:

Percussion Ensemble: An ensemble devoted to the performance of music written for percussion instruments.

#### **DESCRIPTION OF COURSES**

Arts (ARTS)

Delete:

1103. Creative Printing.

Change:

**3113.** Contemporary Theatre no longer has DRAM 1113 as a prerequisite course.

## DEPARTMENT OF BIOLOGY

# GENERAL DEGREE REQUIREMENTS

University Requirements

Change: COMP 1003 is no longer the designated course to meet the computer literacy requirement. Other appropriate courses may be selected.

Change: ENGL 2153 is no longer the designated course to meet the humanities requirement. Other appropriate courses may be selected.

# **CURRICULUM OPTIONS**

Biology Program (Liberal Arts)

**Suggested Program** 

Change: PHED 1011-2151 should be taken during the Second Semester, Freshman Year, instead of the First Semester, Junior Year.

Biology Program (Pre-Medicine or Pre-Dentistry)

Suggested Program

Change: PHED 1011-2151 should be taken during the First Semester, Freshman Year, instead of the Second Semester, Junior Year.

Medical Technology Program

**Suggested Program** 

Change: BIOL 3024 should be taken during the First Semester, Sophomore Year, instead of the Second Semester, Sophomore Year.

Change: BIOL 3044 should be taken during the Second Semester, Sophomore Year, instead of the First Semester, Sophomore Year.

#### DESCRIPTION OF COURSES

Biology (BIOL)

Delete:

1013. General Biology. 4064. Plant Physiology.

Change:

1015. General Zoology. (3-4) Credit 5. For majors and minors in biology. A detailed study of morphology, physiology, ecology, and taxonomy of vertebrates. Laboratory fee.

1025. General Zoology. (3-4) Credit 5. For majors and minors in biology. A detailed study of morphology, physiology, ecology, and taxonomy of invertebrates. Laboratory fee.

1073. General Microbiology. (2-2) Credit 3. Morphology and physiology of microorganisms related to health and sanitation. Disinfection, growth and control of those organisms causing common infectious diseases. Laboratory fee.

1122. General Zoology. (2-0) Credit 2. Morphology, physiology and relationship in invertebrate groups. Prerequisites: BIOL 1012, 1022. Corequisite: BIOL 1222. (For non-majors and minors).

#### DEPARTMENT OF COMMUNICATIONS

#### CURRICULUM OPTIONS

Radio-Television Program

**Suggested Program** 

Change: COMM 4013 should be listed as Radio Prod. & Broadcast Tech. II in the First Semester. Senior Year.

Change: COMM 4103 should be listed as TV Prod. & Broadcast Tech. II in the First Semester, Senior Year.

#### DESCRIPTION OF COURSES

Speech (SPCH)

Change:

2413. Language and Pronunciation for Communications should be Language and Pronunciation for Communicators.

#### DEPARTMENT OF ENGLISH AND FOREIGN LANGUAGES

#### DESCRIPTION OF COURSES

English (ENGL)

Delete:

2083. Oral Interpretation of Literature.

3093. Grammar for the Teacher.

German (GERM)

Delete:

2083. Scientific German.

3023. Introduction to German Literature.

#### DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

#### DESCRIPTION OF COURSES

Computer Science (COMP)

Change:

The following courses had a change in prerequisites—

1023. FORTRAN Programming Language II.

Prerequisite: COMP 1013 or 1112.

1113. COBOL Programming Language.

Prerequisite: Consent of instructor.

3103. Structured Programming with ADA.

Prerequisite: Consent of instructor.

3113. Advanced Concepts and Techniques with ADA.

Prerequisite: COMP 3103.

Mathematics (MATH)

Change:

The following courses had a change in course description—

2163. Structure of the Number System. (3-0) Credit 3. The language and nature of deductive reasoning; elements of set theory; whole numbers, number lines, irrational numbers, numeration system, number patterns, and number bases. Techniques of presentation are developmental, and content and didactics are integrated.

2183. Informal Geometry. (3-0). Credit 3. Course is designed for prospective elementary school teachers and includes suggestions for pedagogy.

The following courses had a change in prerequisites—

1025. Calculus.

Prerequisite: MATH 1115 or equivalent.

1124. Calculus with Analytic Geometry I. Prerequisite: MATH 1115 or equivalent.

1153. Calculus for Non Physical Sciences I.

Prerequisite: MATH 1115 or equivalent.

2034. Calculus with Analytical Geometry III.

Prerequisite: MATH 2024.

**3213. Introduction to Topology.** Prerequisites: MATH 2034 and 3013.

**4001.** Mathematics Colloquium. Prerequisite: Consent of instructor.

4013. Differential Equations I.

Prerequisite: MATH 2024 or consent of instructor.

4043. Mathematical Statistics.

Prerequisite: MATH 2034.

4083. Advanced Calculus I.

Prerequisites: MATH 2034 and 4013.

4093. Advanced Calculus II. Prerequisite: MATH 4083.

4213. Introduction toiAnalysis.

Prerequisite: MATH 4083.

#### DEPARTMENT OF NAVAL SCIENCE

#### DEPARTMENT REQUIREMENTS

Add: Every naval science course includes a professional developmen laboratory which is conducted weekly on Thursday at 3:30 p.m.

#### Suggested Program

Change:

# Freshman Year

First Semester	Hrs	Second Semester Hrs
NAVY 1012	. 2	NAVY 1023
5	Sophom	nore Year
First Semester	Hrs	Second Semester Hrs
NAVY 2013	. 3	NAVY 2023
	Junio	r Year
First Semester	Hrs	Second Semester Hrs
NAVY 3013	. 3	NAVY 3023
NAVY 3103 (Marine)	. 3	
	Senio	r Year
First Semester	Hrs	Second Semester Hrs
NAVY 4012	. 2	NAVY 4022
NAVY 4103 (Marine)	. 3	NAVY 4092

#### DESCRIPTION OF COURSES

## Navy (NAVY)

Change: NAVY 1022 is now NAVY 2023.
Change: NAVY 2033 is now NAVY 1023.
Change: NAVY 2043 is now NAVY 2013.
Change: NAVY 3033 is now NAVY 3103.
Change: NAVY 3053 is now NAVY 3013.
Change: NAVY 3063 is now NAVY 3023.
Change: NAVY 4033 is now NAVY 4103.
Change: NAVY 4072 is now NAVY 4012.
Change: NAVY 4082 is now NAVY 4022.

# DEPARTMENT OF SOCIAL WORK AND SOCIOLOGY

#### Social Work Program

Change:

NOTE: Social Work students may elect to pursue a minor or may concentrate on studies in one of five problem areas: Criminal Justice, Gerontology, Family and Child Services, Community Health, and Mental Health.

# Sociology Program

Change:

Department Requirements

MAJOR: Six semester credit hours of **unrestricted** electives are now included instead of nine. Three semester credit hours of fine arts are now required.

#### DIVISION OF SOCIAL AND POLITICAL SCIENCES

#### DESCRIPTION OF COURSES

Psychology (PSYC)

Delete:

1011. Psychology of Adjustment.

# COLLEGE OF BUSINESS

#### ADMINISTRATIVE OFFICERS

Change: Murphy Crawford, B.S., M.B.A., M.P.A., is now Interim Dean, College of Business.

#### HONOR SOCIETIES AND CLUBS

Delete: Delta Mu Delta

#### DEPARTMENT OF ECONOMICS AND FINANCE

#### DESCRIPTION OF COURSES

Economics (ECON)

Change:

4303. Money and Banking was incorrectly listed as 4304.

#### DEPARTMENT OF GENERAL BUSINESS ADMINISTRATION

#### DESCRIPTION OF COURSES

**Business Education (BSED)** 

Change:

Methods of Teaching Business Subjects has been changed to Business Processes.

Business Processes. (3-0) Credit 3. The processes by which subject-matter content in business courses is planned, organized, and presented. Prerequisites: ACCT 2113, ACCT 2123, and BSAD 2133, or junior standing with consent of the instructor.

## COLLEGE OF EDUCATION

#### ADMINISTRATIVE OFFICERS

Louis L. Aikens, B.S., M.Ed., Ph.D. Interim Dean

William H. Parker, B.S., M.S., Ed.D.

Director, Field Experiences and Student Teaching

Willie F. Trotty, B.S., M.S., Ph.D. Director, Teacher Certification

Marion Henry, B.S., M.S., Ph.D.

Interim Department Head, Curriculum and Foundations

Helen Miller, B.A., M.Ed., Ph.D.

Department Head, Elementary Education

Leroy Moore, B.S., M.S., Ed. D. Department Head, Health and Physical Education

Ernest Brooks, B.S., M.A., Ph.D.

Interim Department Head, School Services

Programs in the College of Education currently are being reviewed by the Texas Education Agency and the University in conjunction with the statewide enhancement effort in education. Students seeking degrees or certificates in education should contact the appropriate Administrative Officer in the College of Education in order to receive up-to-date advise-

# COLLEGE OF ENGINEERING

#### ADMINISTRATIVE OFFICERS

Change: K. M. A. Rahman, B.S.C.E., M.S.C.E., Ph.D., is now Interim Head, Department of Civil Engineering.

Change: Ing Chang, B.S., M.S., Ph.D., is now Interim Head, Department of Mechanical Engineering.

Delete: The statement "formerly known as the Engineers' Council for Professional Development—E.C.P.D." should be deleted.

#### SPECIAL PROGRAMS

Change:

Engineering Internship Program. The program provides for one planned summer or semester engineering experience in industry or government or in a consulting engineering firm for which academic credit is given.

#### HONOR SOCIETIES AND CLUBS

Add:

The National Society of Black Engineers is a professional society open for membership to students who are interested in engineering as a profession.

#### GENERAL DEGREE REQUIREMENTS

**Recommended Humanities Electives** 

Add: Two additional courses that may be selected for the humanities electives are HIST 1813, Survey of Civilization to 1500, and HIST 1823, Survey of Civilization, 1500 to Present.

#### DESCRIPTION OF COURSES

General Engineering (GNEG)

Delete:

1113. Engineering Concepts.

#### DEPARTMENT OF ARCHITECTURE

#### DESCRIPTION OF COURSES

Architecture (ARCH)

Add:

**4973. Special Topics.** (3-0) **Credit 3.** The study of various specialized fields of architecture as they relate to contemporary social issues. Topics vary by semester. Course may be repeated for credit when topics vary.

#### DEPARTMENT OF MECHANICAL ENGINEERING

Mechanical Engineering Program

Suggested Program

Change: There should be 17 semester hours, instead of 18 semester hours, taken in the First Semester, Sophomore Year.

#### DESCRIPTION OF COURSES

Mechanical Engineering (MCEG)

Change:

The following course had a change in course description—

4011. Mechanical Engineering Laboratory III. (0-3). Credit 1. Experimental investigation of various thermofluid systems and their components. Emphasis on classroom theories and digital computer applications. Boiler and pumps, turbines, S1 and CI engines, refrigeration systems, and air pollution analysis. Prerequisites: MCEG 3021 and MCEG 3023.

The following courses had a change in prerequisites—

4133. Heating, Ventilation, and Air Conditioning.

Prerequisites: MCEG 3023 and 4073.

4143. Numerical Engineering Analysis.

Prerequisite: MATH 2034.

## COLLEGE OF ENGINEERING TECHNOLOGY

#### ADMINISTRATIVE OFFICERS

Change: Hakumat Israni, B.S., M.S., Ph.D., is now Dean, College of Engineering Technology.

Change: Charles T. Edwards, B.S., M.S., Ed.D., formerly listed as Acting Head, is now Head, Engineering Technology Department.

#### INSTRUCTIONAL ORGANIZATION

Change: Industrial Technology is now a part of the Industrial Education Department.

#### HONOR SOCIETIES AND CLUBS

Delete: The American Foundryman's Society.

Delete: The American Society of Metals.

Delete: The Industrial Education Honor Society.

Delete: The Prairie View Student Industrial Education Association.

Delete: The Texas College Industrial Arts Association.

Delete: The National Association of Industrial Technology.

#### GENERAL DEGREE REQUIREMENTS

NOTE: All of the Associate of Applied Science degrees and one and two year certification programs previously offered by the College have been phased out of the inventory. Students will not be allowed to apply for or receive the Associate Degree or certification after December 31, 1985.

# DEPARTMENT OF ENGINEERING TECHNOLOGY

# **Industrial Technology Program**

# **Program Options**

Change: The Industrial Technology Program in Product Design and Drafting Technology has been moved to the Industrial Education Department.

## DESCRIPTION OF COURSES

# **Automotive Technology (AUTO)**

#### Delete:

1123. The Power I.

1233. The Chassis I.

1353. Elementary Testing I. 1363. Elementary Testing II.

2143. The Power II.

2263. The Chassis II.

2323. Intermediate Auto Testing.

2413. The Fuel System.

2533. The Electrical System.

## Drafting (DRFT)

Delete:

1123. Engineering Graphics.

#### Electronics (ELCT)

#### Delete:

1221. Communication I.

1363. Radio Receivers.

1533. Computer Repair and Maintenance.

2211. Communication II.

2253. Test Instruments.

2323. Testing and Servicing.

2333. Television.

2373. Television Systems.

2383. Color Television.

2413. Advanced Circuits and Systems. 2463. Servomechanism and Automation.

2503. Operational Problem Analysis.

3103. Electronics Projects.

# Machine Shop (MACH)

#### Delete:

1113. Benchwork.

1223. Machine Shop.

2213. Advanced Machine Shop.

2323. Toolmaking.

3043. Materials and Processes.

3313. Heat Treatment.

# Welding (WELD)

#### Delete:

1013. Welding I: Electric.

1123. Welding II: Gas.

2013. Advanced Welding I: Electric.

2123. Advanced Welding II: Gas.

#### DEPARTMENT OF INDUSTRIAL EDUCATION

# Industrial Technology (Product and Systems Design) Program

COLLEGE REQUIREMENTS	50 Semester Hours
DEPARTMENT REQUIREMENTS	84 Semester Hours
Drafting	

# Suggested Program

# Freshman Year

	Hrs	Second Semester Hrs
ENGL 1123	3	ENGL 1133 3
Freshman Comp. I MATH 1113	3	Freshman Comp. II MATH 1123
College Algebra INTC 1102	2	Trigonometry CPET 1013
Intro. to Technology		Concepts of Computer Tech.
HLED 1011	1	HLED 1021
PHED 1011-2151 Physical Activities	1	PHED 1011-2151
POSĆ 1113	3	POSĆ 1123
American Govt. I CHEM 1013	3	American Govt. II Humanities Electives
Gen. Inorganic Chem.		
Gen. Inorganic Chem. Lab.	1	
	17	17
	Sophomore	Year
First Semester	Hrs	Second Semester Hrs
ENGL 2143		SPCH 1003
Advanced Comp. HIST 1313	3	Fund. Speech Comm. HIST 1323
The U.S. to 1876	3	II S 1876-Present
PHYS 2014	4	PHYS 2024
Gen. Physics I PHED 1011-2151	I	Gen. Physics II PHED 1011-2151
Physical Activities		Physical Activities DRFT 1023
DRFT 1013 Engr. Drafting I	3	Engr. Drafting II
Engr. Drafting I ELET 1113	3	MCET 1213
DC Circuits	17	Fund. of Manuf. Processes
	17	17
	Innian V	A large part to unbosuled 1111
	Junior Ye	
First Semester	Hrs	Second Semester Hrs
Management (Electives)	Hrs 3	Second Semester Hrs Management (Electives)
Management (Electives) DRFT 4403 Machine Drafting	Hrs 3 3	Second Semester         Hrs           Management (Electives)         3           DRFT 3223         3           Electromechanical Drft.         3
Management (Electives)	Hrs 3 3 3	Second Semester         Hrs           Management (Electives)         3           DRFT 3223         3
Management (Electives)	Hrs 3 3 3 3	Second Semester         Hrs           Management (Electives)         3           DRFT 3223         3           Electromechanical Drft.         3           DRFT 4563         3           Computer Aided Drafting         3           DRFT 3383         3
Management (Electives) DRFT 4403. Machine Drafting ELET 1143. AC Circuits Electives (Technical) DRFT 1123.	Hrs 3 3 3 3 3 3	Second Semester         Hrs           Management (Electives)         3           DRFT 3223         3           Electromechanical Drft.         3           DRFT 4563         3           Computer Aided Drafting         3
Management (Electives) DRFT 4403. Machine Drafting ELET 1143 AC Circuits Electives (Technical) DRFT 1123 Intro. to CAD DRFT 2163.	Hrs 3 3 3 3 3 3	Second Semester         Hrs           Management (Electives)         3           DRFT 3223         3           Electromechanical Drft.         3           DRFT 4563         3           Computer Aided Drafting         3           Piping Drafting         3           MCET 1123         3           Strength of Materials         3
Management (Electives) DRFT 4403. Machine Drafting ELET 1143. AC Circuits Electives (Technical) DRFT 1123.	Hrs 3 3 3 3 3 3	Second Semester         Hrs           Management (Electives)         3           DRFT 3223         3           Electromechanical Drft.         3           DRFT 4563         3           Computer Aided Drafting         3           DRFT 3383         3           Piping Drafting         3           MCET 1123         3
Management (Electives) DRFT 4403. Machine Drafting ELET 1143 AC Circuits Electives (Technical) DRFT 1123 Intro. to CAD DRFT 2163.	Hrs 3 3 3 3 3 3	Second Semester         Hrs           Management (Electives)         3           DRFT 3223         3           Electromechanical Drft.         3           DRFT 4563         3           Computer Aided Drafting         3           Piping Drafting         3           MCET 1123         3           Strength of Materials         3           MGMT 4333         3
Management (Electives) DRFT 4403. Machine Drafting ELET 1143 AC Circuits Electives (Technical) DRFT 1123 Intro. to CAD DRFT 2163.	Hrs 3 3 3 3 3 3 3	Second Semester         Hrs           Management (Electives)         3           DRFT 3223         3           Electromechanical Drft.         3           DRFT 4563         3           Computer Aided Drafting         3           DRFT 3383         3           Piping Drafting         3           MCET 1123         3           Strength of Materials         3           MGMT 4333         3           Prod. & Operation Mgmt.         18
Management (Electives) DRFT 4403. Machine Drafting ELET 1143 AC Circuits Electives (Technical) DRFT 1123 Intro. to CAD DRFT 2163. Architectural Drafting	Hrs 3 3 3 3 3 3 3 3 3	Second Semester         Hrs           Management (Electives)         3           DRFT 3223         3           Electromechanical Drft.         3           DRFT 4563         3           Computer Aided Drafting         3           DRFT 3383         3           Piping Drafting         3           MCET 1123         3           Strength of Materials         3           MGMT 4333         3           Prod. & Operation Mgmt.         18
Management (Electives) DRFT 4403. Machine Drafting ELET 1143 AC Circuits Electives (Technical) DRFT 1123. Intro. to CAD DRFT 2163. Architectural Drafting  First Semester DRFT 4553.	Hrs 3 3 3 3 3 3 3 3 3 4 5 5 5 8 5 5 18 Senior Ye	Second Semester         Hrs           Management (Electives)         3           DRFT 3223         3           Electromechanical Drft.         3           DRFT 4563         3           Computer Aided Drafting         3           DRFT 3383         3           Piping Drafting         3           MCET 1123         3           Strength of Materials         3           MGMT 4333         3           Prod. & Operation Mgmt.         18           Sear         Second Semester         Hrs           GNEG 4123         3
Management (Electives) DRFT 4403.  Machine Drafting ELET 1143.  AC Circuits Electives (Technical) DRFT 1123. Intro. to CAD DRFT 2163. Architectural Drafting  First Semester DRFT 4553. Advanced Piping	Hrs 3 3 3 3 3 3 3 3 3 4 5 5 5 8 5 5 18 Senior Ye	Second Semester         Hrs           Management (Electives)         3           DRFT 3223         3           Electromechanical Drft.         3           DRFT 4563         3           Computer Aided Drafting         3           DRFT 3383         3           Piping Drafting         3           MCET 1123         3           Strength of Materials         3           MGMT 4333         3           Prod. & Operation Mgmt.         18           Car         Second Semester         Hrs           GNEG 4123         3           Technical Writing         3
Management (Electives) DRFT 4403. Machine Drafting ELET 1143. AC Circuits Electives (Technical) DRFT 1123. Intro. to CAD DRFT 2163. Architectural Drafting  First Semester DRFT 4553. Advanced Piping MCET 4263	Hrs 3	Second Semester         Hrs           Management (Electives)         3           DRFT 3223         3           Electromechanical Drft.         3           DRFT 4563         3           Computer Aided Drafting         3           DRFT 3383         3           Piping Drafting         3           MCET 1123         3           Strength of Materials         3           MGMT 4333         3           Prod. & Operation Mgmt         18           Second Semester         Hrs           GNEG 4123         3           Technical Writing         3           MCET 4253         3           Product & Quality Control         3
Management (Electives) DRFT 4403. Machine Drafting ELET 1143. AC Circuits Electives (Technical) DRFT 1123. Intro. to CAD DRFT 2163. Architectural Drafting  First Semester DRFT 4553. Advanced Piping MCET 4263. Computer Aided Manuf. INTC 4273.	Hrs 3	Second Semester         Hrs           Management (Electives)         3           DRFT 3223         3           Electromechanical Drft.         3           DRFT 4563         3           Computer Aided Drafting         3           DRFT 3383         3           Piping Drafting         3           MCET 1123         3           Strength of Materials         3           MGMT 4333         3           Prod. & Operation Mgmt.         18           Ear         Second Semester         Hrs           GNEG 4123         3           Technical Writing         3           Product & Quality Control         DRFT 4573           DRFT 4573         3
Management (Electives) DRFT 4403. Machine Drafting ELET 1143. AC Circuits Electives (Technical) DRFT 1123. Intro. to CAD DRFT 2163. Architectural Drafting  First Semester DRFT 4553. Advanced Piping MCET 4263 Computer Aided Manuf. INTC 4273 Industrial Safety DRFT 3003.	Hrs 3	Second Semester         Hrs           Management (Electives)         3           DRFT 3223         3           Electromechanical Drft.         3           DRFT 4563         3           Computer Aided Drafting         3           DRFT 3383         3           Piping Drafting         3           MCET 1123         3           Strength of Materials         3           MGMT 4333         3           Prod. & Operation Mgmt.         18           Car         5           Second Semester         Hrs           GNEG 4123         3           Technical Writing         3           MCET 4253         3           Product & Quality Control         DRFT 4573           Adv. Comp. Aided Drft.         3           MCET 3063         3
Management (Electives) DRFT 4403. Machine Drafting ELET 1143. AC Circuits Electives (Technical) DRFT 1123. Intro. to CAD DRFT 2163. Architectural Drafting  First Semester  DRFT 4553. Advanced Piping MCET 4263. Computer Aided Manuf. INTC 4273. Industrial Safety DRFT 3003. Adv. Architectural Drft.	Hrs 3	Second Semester         Hrs           Management (Electives)         3           DRFT 3223         3           Electromechanical Drft.         3           DRFT 4563         3           Computer Aided Drafting         3           DRFT 3383         3           Piping Drafting         3           MCET 1123         3           Strength of Materials         3           MGMT 4333         3           Prod. & Operation Mgmt.         18           Ear           Second Semester         Hrs           GNEG 4123         3           Technical Writing         3           MCET 4253         3           Product & Quality Control         DRFT 4573         3           Adv. Comp. Aided Drft.         MCET 3063         3           Heat Transfer         3         4
Management (Electives) DRFT 4403. Machine Drafting ELET 1143. AC Circuits Electives (Technical) DRFT 1123. Intro. to CAD DRFT 2163. Architectural Drafting  First Semester DRFT 4553. Advanced Piping MCET 4263 Computer Aided Manuf. INTC 4273 Industrial Safety DRFT 3003.	Hrs 3	Second Semester         Hrs           Management (Electives)         3           DRFT 3223         3           Electromechanical Drft.         3           DRFT 4563         3           Computer Aided Drafting         3           DRFT 3383         3           Piping Drafting         3           MCET 1123         3           Strength of Materials         3           MGMT 4333         3           Prod. & Operation Mgmt.         18           Ear         Second Semester         Hrs           GNEG 4123         3           Technical Writing         3           MCET 4253         3           Product & Quality Control         DRFT 4573           DRFT 4573         3           Adv. Comp. Aided Drft.         MCET 3063           Meat Transfer         Electives (Technical)           Electives (Technical)         3
Management (Electives) DRFT 4403. Machine Drafting ELET 1143. AC Circuits Electives (Technical) DRFT 1123. Intro. to CAD DRFT 2163. Architectural Drafting  First Semester  DRFT 4553. Advanced Piping MCET 4263. Computer Aided Manuf. INTC 4273. Industrial Safety DRFT 3003. Adv. Architectural Drft.	Hrs 3	Second Semester         Hrs           Management (Electives)         3           DRFT 3223         3           Electromechanical Drft.         3           DRFT 4563         3           Computer Aided Drafting         3           DRFT 3383         3           Piping Drafting         3           MCET 1123         3           Strength of Materials         3           MGMT 4333         3           Prod. & Operation Mgmt.         18           Ear           Second Semester         Hrs           GNEG 4123         3           Technical Writing         3           MCET 4253         3           Product & Quality Control         DRFT 4573         3           Adv. Comp. Aided Drft.         MCET 3063         3           Heat Transfer         3         4

#### **Technical Electives Areas:**

Design—MATH 1153, MCET 3043, MCET 3513, DRFT 4113 Management—MGMT 3013, MGMT 3323 Manufacturing—MCET 3043, MCET 4013

#### DESCRIPTION OF COURSES

Crafts (CRFT)

Delete:

1003. Jewelry.1053. General Crafts.2002-2003. Leatherworking.3003. General Ceramics.

**Drafting (DRFT)** 

Add:

1123. Introduction to CAD. (3-0) Credit 3. Introduction to the study of current application of computer graphics to produce various types of graphic presentations using CRT's, digitizer boards and plotters in conjunction with micro and large computers.

**Driver Education (DRED)** 

Delete:

2002. Driver Education.

**Industrial Education (INED)** 

Delete:

1112. Philosophy of Industrial Education.

# COLLEGE OF HOME ECONOMICS

#### SPECIAL PROGRAMS

Change: Human Development and the Family majors may also complete the requirements for Early Childhood Education certification.

Delete: References to the Kindergarten Endorsement.

#### DESCRIPTION OF COURSES

Home Economics (HMEC)

Change:

1333. Apparel Construction has been changed to Introduction to Design Analysis.

Introduction to Design Analysis. (1-4) Credit 3. Application of elements and principles of design and sociological and psychological concepts of behavior to contemporary apparel design and production. Analysis of the relationship of design to figure type, personality, color and fabrication. Open to non-majors. Laboratory fee.

2373. Consumer Problems has been changed to Consumers and The Market.

Consumers and the Market. (3-0) Credit 3. Analysis of consumer competencies, attitudes and concepts of the present market; market practices; aids toward intelligent buying of commodities; and the types of protection including legislation.

3303. Nursery School Observation and Participation has been changed to Observation and Participation in Early Childhood Environments.

Observation and Participation in Early Childhood Environments. (1-4) Credit 3. Study, observation and evaluation of changing practices in early childhood environmental activities and procedure; an analysis of relationships between individual needs and group structures; analysis of current techniques for teachers and parents; emphasis on theories and trends guiding early childhood development; practical experiences in working with parents; records, and reports; directed observation and laboratory experience in guiding young children.

3393. Design Analysis: Apparel Production has a change in content.

Design Analysis: Apparel Production. (1-4) Credit 3. An analysis of techniques of production, distribution and marketing of apparel; comparison of techniques for fabrication and style variations. Laboratory fee.

**Home Economics Education (HEED)** 

Change:

**3463.** Special Methods now has the following prerequisites: EDFN 3113, EDFN 3003, and HEED 3413.

Human Development and the Family (HDFM)

Change:

3563. Developmental Play Theory has a change in content.

**Developmental Play Theory.** (3-0) Credit 3. Examination and interpretation of theories of play as they relate to cognitive, psychomotor, and socioemotional development in children as demonstrated through play activities.

Human Nutrition and Food (HUNF)

Change:

2633. Management Principles in Food Service Operations has been changed to Food Systems Management I.

Food Systems Management I. (3-0) Credit 3. Management principles, processes and control strategies, roles and responsibilities in food systems. Menu planning, procurement, production, storage and issue, consumer distribution, safety and sanitation. Emphases on understanding the optimum use of human, financial and material resources.

2663. Food Service Systems Management: Production has been changed to Food Systems Management II.

Food Systems Management II. (2-2) Credit 3. Application of scientific food preparation and management principles to quantity food production. Includes laboratory experiences in quantity operations. Laboratory fee.

**4643. Nutrition and Disease** now has the following prerequisites: HMEC 1383, HUNF 3643, HMEC 4323, BIOL 1054, and CHEM 4033. There is also a laboratory fee.

#### Merchandising (MERC)

Change:

Textile Evaluation now has the following prerequisites: CHEM 1011 4723. and 1013; 1021 and 1023; and 3011 and 3013. There is also a laboratory fee.

#### COLLEGE OF NURSING

#### ADMINISTRATIVE OFFICER

Change: Darimell Waugh, B.S.N., M.S.N., is now Interim Dean, College of Nursing.

## GENERAL DEGREE REQUIREMENTS

**University Requirements** 

Change: The designated courses to meet the mathematics requirements are now MATH 1113, College Algebra, and PSYC 2413, Fundamental of Statistics I. MATH 1073 is no longer required.

## Suggested Program

Change: MATH 1133, instead of MATH 1073, should be taken during the First Semester, Freshman Year.

# OFFICERS OF INSTRUCTION

(Undergraduate)

Add:

ANDERSON, CHARLES, (1985)

Associate Professor

General Business Administration

B.S., San Francisco State University, 1966 M.A., San Francisco State University, 1968 Ph.D., Stanford University, 1975

BOSS-VICTORIA, RENA, (1984)

Assistant Professor Nursing

B.S., University of St. Thomas, 1974 M.S., Texas Woman's University, 1978.

CHEN, GRACE, (1984)

Assistant Professor Nursing

B.S., National Taiwan University, 1968 M.S., Boston University, 1970

HIGHFIELD, MARTHA, (1984)

Instructor Nursing

B.S., University of Tennessee, 1976 M.S., University of Tennessee, 1981

ISRANI, HAKUMAT, (1985)

Professor Engineering Technology

B.S., Banaras Hindu University, 1960 M.S., University of Roorkee, 1966 Ph.D., University of Arkansas, 1971

JOHNSON, ALBERT A., (1984)

Instructor Health and Physical Education

B.S., University of Cincinnati, 1976. MOYE, GLENN, (1973, 1984) Assistant Professor General Business Administration B.S.Ed., University of Texas, 1956 M.Ed., Prairie View A&M University, 1971 MUSE, FLORINE, (1978, 1984) Instructor General Business Administration B.S., Prairie View A&M University, 1976 M.B.A., Prairie View A&M University, 1980 WASHINGTON, PHILISIE, (1984) Nursing B.S., University of Texas, 1976 M.S., Texas Woman's University, 1980 WAUGH, DARIMELL, (1984) Associate Professor Nursing B.S., Florida A&M University, 1962 M.S.N., Wayne State University, 1965 WELLS, DEBORAH, (1984) Instructor Nursing B.S., Prairie View A&M University, 1966 M.S., University of Texas Health Science Center, 1981. Change: DUNSON, BRUCE B., (1983) Associate Professor Economics and Finance B.A., University of California at Irvine, 1969 M.A., University of California at Berkeley, 1971 M.A., Harvard University, 1976 Ph.D., Harvard University, 1979 KITHCART, PHILLIP E., (1976) Associate Professor Social and Political Sciences B.A., North Carolina Central University, 1968 M.A., University of Cincinnati, 1970 Ph.D., University of Cincinnati, 1981 Delete: ASHE, CAROLYN H., (1983) Assistant Professor Management and Marketing ASHE, WILLARENE R., (1976) Assistant Professor Nursing BEATTY, PATRICIA, (1980) Assistant Professor Nursing BEYER, BRENDA R., (1982) Instructor Nursing KHAN, MOHAMMED, (1981) Associate Professor Management and Marketing POINDEXTER, JEANNETTE, (1982) Professor Nursing ROLLINS, BERNICE, B., (1972) Professor General Business Administration

# ACADEMIC INFORMATION

#### GRADUATE PROGRAMS

#### COLLEGE OF AGRICULTURE

#### PROGRAM REQUIREMENTS (M.S.—Soil Science)

Change: AGRO 5783 listed as Application to Biometrics should be listed as Application of Biometrics.

#### DESCRIPTION OF COURSES

Agricultural Education (AGED)

Delete:

5313. Advanced Methods in Agricultural Education.

5823. Occupational Experience Programs.

Agronomy (AGRO)

Change:

5753. Plant Nutrition and Soil Fertility has a change in content.

Plant Nutrition and Soil Fertility. (3-0) Credit 3. The essential elements for plant growth; with their chemistry, sources and availability in the soil, and their functions in plant metabolism, including their role in the **retention** of toxic metals and of select organic materials.

Agronomy (AGRO)

Delete:

5614. Soil Microbiology.

5633. Fertilizer Techniques and Use.

5733. Soils and Quality of the Environment.

# COLLEGE OF ARTS AND SCIENCES DEPARTMENT OF BIOLOGY

#### SPECIAL PROGRAMS

The Master of Science degree in Biology (Environmental Toxicology) has been selected for the Southern Regional Education Board's Academic Common Market. Students from the following states may enroll in this program for the same costs as in-state students: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, South Carolina, Tennessee, Virginia, and West Virginia.

#### ADMISSION TO PROGRAM

Change: In addition to the minimal biology courses, a student should have completed at least four semester credit hours in inorganic chemistry and four semester credit hours in organic chemistry.

# DESCRIPTION OF COURSES

Biology (BIOL)

Delete:

5004. Embryology.

5044. General Entomology.

5134. Neurology.

5183. Experimental Genetics.

5224. Dairy Bacteriology.

#### DEPARTMENT OF CHEMISTRY

#### DESCRIPTION OF COURSES

Chemistry (CHEM)

Add:

5013. Research. (0-0) Credit 3. See CHEM 5006.

5023. Research. (0-0) Credit 3. See CHEM 5006.

# DEPARTMENT OF ENGLISH AND FOREIGN LANGUAGES

## PROGRAM REQUIREMENTS (M.A.—ENGLISH)

Change: In addition to the M.A. degree in English, the department offers an English academic specialization program for students seeking M.A. or M.Ed. degrees in the College of Education.

Delete: Reference to 18-hour English academic specialization.

#### DESCRIPTION OF COURSES

English (ENGL)

Delete:

5143. English Workshop.

5156. English Workshop.

# DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

# PROGRAM REQUIREMENTS (M.S.—Mathematics)

Change: A total of 36 semester hours (including thesis) is required for the M.S. degree in mathematics. Courses must be selected from approved 5000 level courses and a grade point average of 3.00 or better must be maintained with no grade below a "C". All applicants seeking a degree should plan a degree program with a graduate advisor.

#### DESCRIPTION OF COURSES

Mathematics (MATH)

Change:

The following courses had a change in course description—

**5003.** General Topology I. (3-0) Credit 3. Topological spaces including continuous functions, compactness, separation properties, connectedness, and metric spaces. Prerequisite: MATH 5133.

**5013.** General Topology II. (3-0) Credit 3. Study of general topological spaces including convergence, product and quotient spaces, metrization, uniform and path spaces, and homotopy. Prerequisite: MATH 5003.

The following courses had a change in prerequisites—

**5023.** Complex Analysis I. Prerequisite: MATH 4083.

5033. Complex Analysis II.

Prerequisite: MATH 5023, instead of MATH 5613.

5123. The Real Number System.

Prerequisite: Consent of instructor, instead MATH 2034.

5133. Introduction to Point-Set Theory.

Prerequisite: MATH 5123.

5613. Theory of Matrices.

Prerequisite: MATH 3013 or 3073, instead of MATH 2034.

5723. Partial Differential Equations.

Prerequisite: MATH 5343.

5753. Intermediate Analysis.
Prerequisite: Consent of instructor.

5763. Intermediate Differential Equations.

Prerequisite: MATH 3073 or 4113.

5773. Advanced Analysis.

Prerequisite: MATH 5753, instead of MATH 5723.

**5823.** Analytical Mechanics. Prerequisite: Consent of instructor.

5903. Modern Algebra.

Prerequisite: MATH 3013, instead of MATH 4053.

5913. Real Variables.

Prerequisite: MATH 5773, instead of MATH 5753.

# DEPARTMENT OF SOCIAL WORK AND SOCIOLOGY

# PROGRAM REQUIREMENTS (M.A.—Sociology)

The Graduate School requires an acceptable thesis on a subject germane to the major course of study from all candidates for the degrees of Master of Arts and Master of Science.

**Delete:** The reference to an alternative sociology major consisting of a minimum of 36 hours of graduate sociology courses with no thesis required.

# DIVISION OF SOCIAL AND POLITICAL SCIENCES

# ADVANCEMENT TO CANDIDACY

**Delete:** Students must meet all general requirements, complete all program-required courses, and present satisfactory research investigation at the master's level before submitting official application for graduation or admission to candidacy.

Refer to: Graduate school regulations for admission to candidacy.

#### DESCRIPTION OF COURSES

History (HIST)

Delete:

5013. Library Techniques.

5533. England, 1914.

Political Science (POSC)

Delete:

5103. Propaganda, Public Opinion, and Pressure Groups.

5123. The Constitution and Private Rights.

5143. Seminar in American Political Thought.

5163. Public Personnel Administration.

5203. Bibliography and Methods in Political Science.

5313. Modern Political Theory.

5523. Seminar in Areal Politics.

#### COLLEGE OF BUSINESS

#### ADMINISTRATIVE OFFICERS

Change: Murphy Crawford, B.S., M.B.A., M.P.A., is now Interim Dean, College of Business.

Add: Bruce Dunson, B.A., M.A., Ph.D., is Department Head, Economics and Finance.

Add: Dorisula W. Hawkins, B.S., M.S., Ed.D., is Department Head, General Business Administration.

#### DESCRIPTION OF COURSES

**Business Education (BSED)** 

Delete:

5483. Thesis Research.

# COLLEGE OF EDUCATION

#### ADMINISTRATIVE OFFICERS

Louis L. Aikens, B.S., M.Ed., Ph.D.

Interim Dean

William H. Parker, B.S., M.S., Ed.D.

Director, Field Experiences and Student Teaching

Willie F. Trotty, B.S., M.S., Ph.D. Director, Teacher Certification

Marion Henry, B.S., M.S., Ph.D.

Interim Department Head, Curriculum and Foundations

Helen Miller, B.A., M.Ed., Ph.D.

Department Head, Elementary Education

Leroy Moore, B.S., M.S., Ed.D.

Department Head, Health and Physical Education

Ernest Brooks, B.A., M.A., Ph.D. Interim Department Head, School Services

Programs in the College of Education currently are being reviewed by the Texas Education Agency and the University in conjunction with the statewide enhancement effort in education. Students seeking degrees or certificates in education should contact the appropriate Administrative Officer in the College of Education in order to receive up-to-date advisement.

#### COLLEGE OF ENGINEERING

No changes.

#### COLLEGE OF ENGINEERING TECHNOLOGY

#### ADMINISTRATIVE OFFICER

Change: Hakumat Israni, B.S., M.S., Ph.D., is now Dean, College of Engineering Technology.

#### INSTRUCTIONAL ORGANIZATION

Add: The College of Engineering Technology also provides required certification courses in vocational counseling and vocational supervision. Additionally, the College provides courses in vocational-industrial education and driver education certification.

#### DESCRIPTION OF COURSES

Driver Education (DRED)

Delete:

5403. Motorcycle Safety and Instruction.

5503. Motorcycle Instruction and Methods.

Industrial Education (INED)

Delete:

5083. Seminar in Vocational Guidance.

5303. Industrial Arts for Elementary School.

# COLLEGE OF HOME ECONOMICS

# PROGRAM REQUIREMENTS (M.S.—Home Economics)

Add: Degree concentrations include the child/individual, the family, family economics, and general home economics.

## **DESCRIPTION OF COURSES**

Home Economics (HMEC)

Delete:

5643. Perspectives in Food and Nutrition.

5653. Functional Clothing.

5663. Advanced Design Analysis.

5673. Readings in Clothing and Textiles.

#### Home Economics Education (HEED)

Change:

**5412.** Workshop now requires no lecture contact hours and 6 laboratory contact hours per week.

**5413.** Workshop in Home Economics now requires no lecture contact hours and 9 laboratory contact hours per week.

**5472.** Workshop now requires no lecture contact hours acd 6 laboratory contact hours per week.

# OFFICERS OF INSTRUCTION (Graduate)

Add:

ANDERSON, CHARLES, (1985)

Associate Professor General Business Administration

B.S., San Francisco State University, 1966 M.A., San Francisco State University, 1968

Ph.D., Stanford University, 1975

BRANN, HERMAN I., (1980)

Assistant Professor Economics and Finance

B.S., University of West Indies, 1967 M.S., Cornell University, 1971

Ph.D., University of the West Indies, 1984

COLLIER, SAVANNAH M., (1968)

Assistant Professor

General Business Administration

B.S., Prairie View A&M University, 1946 M.S., Prairie View A&M University, 1965

DAVIS, BONITA, (1983)

Assistant Professor Elementary Education

B.A., Mundelein College, 1974 M.A., Northeastern Illinois University, 1976

Ph.D., University of Oklahoma, 1979 DIGGS, DELILIA L. A., (1978, 1982)

Assistant Professor Home Economics

B.S., Prairie View A&M University, 1971 M.Ed., University of Houston, 1975 Ph.D., Oklahoma State University, 1978

DUNSON, BRUCE, (1984)

Associate Professor Economics and Finance

B.A., University of California at Irvine, 1969 M.A., University of California at Berkeley, 1971

M.A., Harvard University, 1976 Ph.D., Harvard University, 1979

GIST, WILLIE E., (1983)

Instructor Accounting

B.S., Florida State University, 1978 M.Acct., Florida State University, 1980 ISRANI, HAKUMAT, (1985)

Professor Engineering Technology

B.S., Banaras Hindu University, 1960 M.S., University of Roorkee, 1966 Ph.D., University of Arkansas, 1971

MOYE, GLENN, (1973, 1984)

Assistant Professor General Business Administration

B.S.Ed., University of Texas, 1956 M.Ed., Prairie View A&M University, 1971

STRICKLAND, WALTER E., (1982)

Assistant Professor Management and Marketing

B.A., Fisk University, 1972 M.B.A., Syracuse University, 1973 J.D., University of Houston, 1977 THIAGARAJAN, KUTTALAM R., (1967)

Assistant Professor Economics and Finance

B.A., Annamalai University, 1955 M.A., Annamalai University, 1955 WEBB, WILLIE G., (1983)

Assistant Professor Accounting

B.B.A., College of William and Mary, 1976 M.B.A., Indiana University, 1978

Change:

KITHCART, PHILLIP E., (1976)

Associate Professor Social and Political Sciences

B.A., North Carolina Central University, 1968 M.A., University of Cincinnati, 1970 Ph.D., University of Cincinnati, 1981

Delete:

ROLLINS, BERNICE B., (1972)

Professor General Business Administration

