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Summer Session - The School Year 1973

Prairie View A&M College

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Announcing ...

THE 1973 SUMMER SESSION

June 4 — July 13 July 15 — August 4 July 15 — August 24

Bulletin of



PRAIRIE VIEW A. & M.

COLLEGE OF TEXAS

ACADEMIC SCHEDULE

SUMMER SESSION, 1972-73

	First Term Opens
	Registration
June 6—7:00 a.m	Classes Begin; Late Registration Begins
	Late Registration Begins
June 11—5:00 p.m.	Registration Closes;
July 4—All Day	Last Day for Changing Program Independence Day
July 13—All Day	Final Examinations
July 14	Close of First term
SECO	ND TERM
July 15-8:00 a.m.	Second Term Opens
July 16-17-All Day	Registration for 6-Weeks
	Session and for 3-Weeks Session
July 18—7:00 a.m.	
July 20—5:00 p.m.	Registration Closes
	Final Examinations for 3-Weeks Classes
August 23-8:00 p.m.	Summer Commencement
	Final Examinations
August 25	Close of Second Term
	STER, 1973-74
	Orientation for New Students
	Continuation of Orientation
September 4-5—All Day	Registration
September 6—7:30 a.m	Classes Begin Late Registration Fee Begins
September 18—Noon	Registration Closes
September 18—140011	Last Day for Changing Program
	Mid-Semester Tests
November 21—12:30 (Noon)	Thanksgiving Recess Begins
November 26—7:30 a.m.	Classes Resume
December 19-22—All Day	Final Examination
December 22—5:00 p.m.	
December 22 2100 bulli	

Announcing . . .

The 1973 SUMMER SESSION

at

Prairie View A&M College of Texas

For your convenience in making your educational plans for the 1973 Summer Session, this tentative announcement of course offerings is herewith distributed. All courses listed will be offered subject to the condition of sufficient demand.

Further information may be secured by writing to the following:

Admissions

Dr. G. H. Stafford Director of Admissions

Graduate Program Dr. J. W. Echols
Dean of the Graduate School

Housing and Fees Mr. C. A. Thomas Registrar

Bulletin of PRAIRIE VIEW A&M COLLEGE

Summer School Announcement

MARCH, 1973

Entered as second-class mail matter, at the post office at Hempstead, Texas. Issued at Prairie View A&M College Branch, four times yearly.

GRADUATE COURSES

SUMMER SESSION

	AGR	CICULTURE
First Sum	ner Term	
Ag. Educ.	543	Advanced Methods of Ag. Educ.
Agro	554	Soil Chemistry
Plant Science	543	Range & Pasture Improvement & Management
Plant Sci.	563	Diseases of Field Crops
Ag. Educ.	613	Philosophy of Agri. Educ.
Ag. Econ.	743	Land Tenure & Problems
Ag. Educ.	643	History & Principles of Voc. Educ.
Ag. Educ.	713	Problems in Agri. Education
Second Su	mmer Tern	
Ag. Educ.	543	Advanced Methods
Agro	573	Fertilizers and Soils
Agro	573-593	Soil Management
Ag. Ed.	643	History & Principles of Voc. Educ.
Ag. Ed.	723	Technological Change
	I	BIOLOGY
First Sumi	mer Term	
Biology	534	Gen. Physiol.
Biology	534	Physiol. (Lab.)
Biology	600	Research in Zoo.
Biology	643	Field Ecology
Biology	643	Ecology Lab.
Biology	700	Research in Botany
Biology	704	Biology for Teacher (NSF)
Biology	704	Biology Lab. (NSF)
Second Su	mmer Tern	n ,
Biology	600	Research in Zoology
Biology	554	Expl. Embryo
Biology	554	Expl. Embryo Lab.
Biology	684	Vert. Zoology
Biology	684	Vert. Zoology Lab.
Biology	700	Research in Botany
BU	SINESS	ADMINISTRATION
First Sum	mer Term	
Bus. Educ.	523	Problems
Bus. Educ.	533	Advanced Methods
Bus. Educ.	723	Seminar in Business
Second Su	mmer Terr	n
Bus. Adm.	553	Legal Environment
Bus. Adm.	593	Finance
Bus. Educ.	733	Business Statistics
	CI	HEMISTRY
First Cum	mer Term	
Chem.	534	Biochemistry
Chem.	534	Biochemistry (Lab.)
Chem.	704	
Chem.	704	Adv. Anal. Chem. (Lab.)
Chem.	783	Advanced Physical Chemistry
CHCIII		0

Second Summer Term Electrochemistry 802 Chem. Chem. 813 Quantum Chemistry ECONOMICS First Summer Term Geog. 603 Geography of Texas Econ. 603 Economic History Geog. 613 Geography for Teachers Second Summer Term 613 World Regional Geography 643 Personnel Management Econ. Econ. 663 Modern Economics Thought EDUCATION First Summer Term Adm. 523 Adm. of School Personnel Adm. 633 Elementary School Adm. 713 Fund. of Adm. Adm. Art Education 633 Special Projects in Pub. Schools 653 Arts & Crafts in School Art Elementary Education 633 Tchg. Reading in Elem. Grades Educ. Educ. 683 Elementary School Curr. 743 Problems of Elem. Teaching Educ. Educ. 753 Teaching Language Arts in Elementary Sch. Educ. 793 Diagnosis & Remedial Treatment Elem. Subj.
Devel. of Pre-School Children 623 Psy. 813 Kindergarten Methods Educ. Secondary Education Educ. 503 Prin. of Secondary Education 583 Sec. Sch. Curriculum Educ. General Education

Educ.	723	Philosophy of Educ.
Educ.	843	Techniques of Research
Educ.	843	Techniques of Research
Educ.	853	Project & Thesis
Educ.	853	Project & Thesis
Cuida		

Guidance Prin. & Phil. Guidance Guid. 543 Occupational Information Guid. 583 Guid. 603 Supervisory Practices Org. & Admin. of Guidance Guid. 683 Guid. 733 Prin. of Guidance

Psychology Psy. Testing Psy. 513 Psy. 533 Statistics Psy. of Adjustment Psy. 553 Pupil Growth Psy. 593 593 Pupil Growth Psy. Theory of Counseling Psy. 603

Special Education	on		
Sp. Ed. 613	Problems & Methods		
Sp. Ed. 603	Psy. Problems of Mental Retarded		
Supervision			
Supv. 643	Elem. Sch. Supv.		
Supv. 733	Practicum		
Supv. 753	Prin. & Practices of Supervision		
La religionista Contractal	innum I. Hill		
Second Summer Terr	n		
Administration			
Adm. 533	High School Administration		
Adm. 713	Fund. of School Administration		
Art Education			
Art 763	Ceramics		
Art 823	Meth. Tchng. Art in Elm. Schls.		
Elementary Edu			
Educ. 633	Tchng. Reading in Elem. Grades		
Educ. 683	Elem. Sch. Curriculum		
Educ. 743	Prob. Elem. Sch. Tchng.		
Educ. 793	Diag. & Remedial Treat.		
2000	Elementary Sch.		
Educ. 823	Seminar		
General Educat	ion		
Educ. 843	Tech. in Research		
Educ. 853	Thesis & Projects		
Educ. 853	Thesis & Projects		
Educ. 503	Sec. Sch. Curriculum		
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Guidance	D: 0 DI 11 CC 11		
Guid. 543	Prin. & Phil. of Guid.		
Guid. 733	Prin. of Counseling		
Guid. 683 Guid. 603	Org. & Adm. Guidance		
	Supv. Pract. in Counsel		
Fsychology			
Psy. 533	Statistics		
Psy. 553	Psy. of Adjustment		
Psy. 513	Psychology Testing		
Psy. 593	Pupil Growth		
Special Educati	on		
Sp. Ed. 913	Curriculum Building		
Supervision			
Supv. 663	High Sch. Supervision		
Supv. 733	Practicum		
3 Weeks Term			
Adm. 523	Admn. Sch. Personnel		
Psy. 593	Pupil Growth		
Sp. Ed. 633	Psy. Prob. in Mentally Retarded		
Guid. 583	Occupational Information		
Supv. 753	Principles & Practices of Supv.		
Educ. 753	Teaching Lang. Elem. Schools		

ENGLISH

First Summer	Term	
Eng.	543	The Short Story
Eng.	753	Sem. Masterpieces of Literature
Eng.	803	Biblio. Methods of Research
Eng.	813	Literary Criticism

Second Summer Term Eng. 853 Twentieth Century Literature Chaucer's Major Works HOME ECONOMICS First Summer Term HE 543 Advanced Methods HE 563 Consumer Economics Second Summer Term HE 843 Techniques in Educ. Researner Term HE 843 Personal and Family Finance INDUSTRIAL EDUCATION AND TECHNOLOGY First Summer Term Audio-Visual Education Courses AV 502-3 AV Materials in Instruction Lab. in AV Materials Driver Education Courses DE 503 Driver Education (Teachers, 703 Driver Educ. & Traffic Safety Inst. Materials in Ind. Education Education Education Courses IE 512-3 Effective Use of Inst. Materials in Ind. Education Education Education Education Education Education Education Technical Education Courses IE 763 Research & Thesis Writing Technical Education Courses IE 603A Cosmetology Institute Trade and Industrial Education Courses IE 512-3 Effective Use of Inst. Material Education Education Courses IE 512-3 Effective Use of Inst. Material Education Courses IE 512-3 Effective Use of Inst. Material Education Courses IE 512-3 Effective Use of Inst. Material Education Courses IE 512-3 Effective Use of Inst. Material Education Courses IE 512-3 Effective Use of Inst. Material Education Courses IE 512-3 Effective Use of Inst. Material Education Courses IE 512-3 Effective Use of Inst. Material Education Courses IE 512-3 Effective Use of Inst. Material Education Courses IE 512-3 Effective Use of Inst. Material Education Courses IE 512-3 Effective Use of Inst. Material Education Courses IE 512-3 Effective Use of Inst. Material Education Courses IE 512-3 Effective Use of Inst. Material Education Courses IE 512-3 Effective Use of Inst. Material Education Courses IE 512-3 Effective Use of Inst. Material Education Courses IE 512-3 Effective Use of Inst. Material Education Courses IE 512-3 Effective Use of Inst. Material Education Courses IE 512-3 Effective Use of Inst. Material Education Courses IE 512-3 Effective Use of Inst. Material Education Courses II 512-3 Effective Use of Inst. Material Educati		6
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Technical Education Courses 1E 603A Cosmetology Institute Trade and Industrial Education Courses 1E 512-3 Effective Use of Inst. Material 1E 532-3 Inst. Methods in Ind. Ed. 1E 502-3 Shop Org. and Classroom M 1E 542-3 Occupational Analysis and Course Making 1E 572-3 Selection, Plct., and Follow-to- 1E 732-3 Philosophy and Objectives of Vocational Ed. AV 502-3 AV Materials in Instruction 1E 592-3 Problems in Coop. Training Vocational Counseling and Supervision 1E 823 Hist. and Princ. of Voc. Ed.	O	
Trade and Industrial Education Courses IE 512-3 Effective Use of Inst. Material IE 532-3 Inst. Methods in Ind. Ed. IE 502-3 Shop Org. and Classroom M IE 542-3 Occupational Analysis and Course Making IE 572-3 Selection, Plct., and Follow- IE 732-3 Philosophy and Objectives of Vocational Ed. AV 502-3 AV Materials in Instruction IE 592-3 Problems in Coop. Training Vocational Counseling and Supervision IE 823 Hist. and Princ. of Voc. Ed.	(Date)	
Trade and Industrial Education Courses IE 512-3 Effective Use of Inst. Material IE 532-3 Inst. Methods in Ind. Ed. IE 502-3 Shop Org. and Classroom M IE 542-3 Occupational Analysis and Course Making IE 572-3 Selection, Plct., and Follow-tology and Objectives of Vocational Ed. AV 502-3 AV Materials in Instruction IE 592-3 Problems in Coop. Training Vocational Counseling and Supervision IE 823 Hist. and Princ. of Voc. Ed.		
IE 512-3 Effective Use of Inst. Materials 1E 532-3 Inst. Methods in Ind. Ed. IE 502-3 Shop Org. and Classroom Modern 1E 542-3 Occupational Analysis and Course Making IE 572-3 Selection, Plct., and Follow-to Philosophy and Objectives of Vocational Ed. AV 502-3 AV Materials in Instruction Problems in Coop. Training Vocational Counseling and Supervision IE 823 Hist. and Princ. of Voc. Ed.		603A
IE 532-3 Inst. Methods in Ind. Ed. IE 502-3 Shop Org. and Classroom M IE 542-3 Occupational Analysis and Course Making IE 572-3 Selection, Plct., and Follow-t IE 732-3 Philosophy and Objectives o Vocational Ed. AV 502-3 AV Materials in Instruction IE 592-3 Problems in Coop. Training Vocational Counseling and Supervision IE 823 Hist. and Princ. of Voc. Ed.	ourses	Trade and Indu
IE 502-3 Shop Org. and Classroom M IE 542-3 Occupational Analysis and Course Making IE 572-3 Selection, Plct., and Follow-t IE 732-3 Philosophy and Objectives o Vocational Ed. AV 502-3 AV Materials in Instruction IE 592-3 Problems in Coop. Training Vocational Counseling and Supervision IE 823 Hist. and Princ. of Voc. Ed.	Material	512-3
IE 542-3 Occupational Analysis and Course Making IE 572-3 Selection, Plct., and Follow-t IE 732-3 Philosophy and Objectives o Vocational Ed. AV 502-3 AV Materials in Instruction IE 592-3 Problems in Coop. Training Vocational Counseling and Supervision IE 823 Hist. and Princ. of Voc. Ed.	Ed.	532-3
Course Making IE 572-3 Selection, Plct., and Follow- IE 732-3 Philosophy and Objectives or Vocational Ed. AV 502-3 AV Materials in Instruction IE 592-3 Problems in Coop. Training Vocational Counseling and Supervision IE 823 Hist. and Princ. of Voc. Ed.	om Mgt.	502-3
IE 572-3 Selection, Plct., and Follow-t IE 782-3 Philosophy and Objectives of Vocational Ed. AV 502-3 AV Materials in Instruction IE 592-3 Problems in Coop. Training Vocational Counseling and Supervision IE 823 Hist, and Princ. of Voc. Ed.	and	542-3
IE 732-3 Philosophy and Objectives of Vocational Ed. AV 502-3 AV Materials in Instruction Problems in Coop. Training Vocational Counseling and Supervision IE 823 Hist, and Princ. of Voc. Ed.	ollow-up	572-3
AV 502-3 AV Materials in Instruction IE 592-3 Problems in Coop. Training Vocational Counseling and Supervision IE 823 Hist, and Princ. of Voc. Ed.		ban 0
Vocational Counseling and Supervision IE 823 Hist, and Princ. of Voc. Ed.	iction	502-3
IE 823 Hist. and Princ. of Voc. Ed.	aining	WOO O
IE 823 Hist. and Princ. of Voc. Ed.	sion	Vocational Cour
IE 643 Org. and Administration of	on of	643
Voc. Tech. Ed. IE 813 Planning and Organizing Programs of Voc. Guid		813

633 Tech. of Voc. Research 833 Occup. and Voc. Ed. Information 5

Three-Week Session

IE IE

Second Summer Term

	Summer Tern	
Audi	o-Visual E	ducation Courses
AV	502-3	AV Materials in Instruction
AV	543	Lab. in AV Materials
Drive	er Educatio	on Courses
DE	503	Driver Education (Teachers)
DE	703	Driver Ed. & Traffic Saffety
Indu	strial Educ	cation Courses
IE	732-3	Phil. of Voc. Ed.
IE	532	Tests & Measurements
IE	753	Practicum
IE	712-3	Adm. & Supv. of I.A.
IE	783	Problems in I.E.
Trad	le and Ind	ustrial Education Courses
IE	512-3	Effective Use of Inst. Materials
IE	532-3	Inst. Methods in Ind. Education
IE	502-3	Shop Org. & Classroom Mgt.
IL	304-3	Shop Org. & Classroom Mgt.
Voca	tional Cou	nseling and Supervision
IE	572-3	Selection, Plct. & Follow-up
		2 1 2 1 1
	MA	THEMATICS
First Su	mmer Term	
Math	503	Reading & Research
Math	553	Cal. for H. S. Teachers
Math	573	Computer Sci. for H. S. Teachers
Math	583	Math. for Elem. Teachers
Math	603	Topology
Math	633	Elementary Functions
Math	743	Statistics for H. S. Teachers
Math	813	Introduction to Linear Algebra & Matrices
Math	893	Complex Variables
Second.	Common Tone	
Math	Summer Terr 503	
Math	623	Reading & Research
Math	023	Introduction to Partial
Math	703	Differential Equations
Math	703	Algebra
Math	873	Analytical Mechanics Probability
Matii	0/3	Trobability
		MUSIC
First Su	mmer Term	
Mus.	613	Teaching Music Literature
Mus.	753	Teaching Vocal & Instrumental
		Music in Elementary School
Mus.	773	Prob. in Teaching Sightsinging
Mus.	653	Advanced School Reading
Mus.	693	Analysis of Form
Mus.	763	Advanced Orchestration
Mus.	512	Voice
Mus.	613-723	Piano
Mus.	613-723	Voice
Mus.	613-723	Band Orches, Inst.
Mus.	612-722	Choral Ensemble
- Address	- m / mm	CALOTAL EMISCHIDIC

Summer Term	
613	Teaching Music Literature
753	Teaching Vocal & Instrumental Music in Elementary School
773	Prob. in Teaching Sightsinging
653	Advanced School Reading
693	Analysis of Form
763	Advanced Orchestration
613-723	Piano
613-723	Voice
613-723	Band Orches. Inst.
612-722	Choral Ensemble
	753 778 653 693 763 613-723 613-723 613-723

PHYSICS

First	Summer	Term

Sci. 623 Modern Concepts of Phys. Sci.

HEALTH AND PHYSICAL EDUCATION

Firs	t Summer	Term	
PE		703	Seminar I Techniques
PE		713	Seminar II Thesis
PE		633	Tests & Measurements
PE		753	Scientific Foundation
PE		723	Kinesiology
HE		693	Teaching of Health

Second S	ummer Term	
PE	713	Seminar II
PE	563	Administrative Problems
PE	623	Physiology of Exercise
PE	763	Curriculum
HE	683	Community Health

HISTORY

First Su	mmer Term	
History	503	Methods Teaching History
History	572	Investigative Paper
History	613	American Revol. A Constitution
History	633	American Foreign Relations
History	703	Great Amer. History
Second S	Summer Term	
History	572	Investigative Paper
History	653	Contemporary U. S.
History	663	Econ. Hist. U. S.
History	673	The Negro in America

UNDERGRADUATE COURSES SUMMER SESSION

AGRICULTURE

First Summer Term

Agro	323	Soils
Vet. Sci.	323	Livestock Diseases & Sanitation
Ani Sci.	473	Meat Processing
Poultry Sci.	323	Poultry Plant Management
Ag. Econ.	323	Marketing Agriculture Products
Dairy Sci.	213	Dairy Science Products
Second Sum	mer Ter	m
Ani. Sci.	443	Swine & Horse Management
Poultry Sci.	403	Poultry Marketing & Processing
Ani. Sci.	413	Livestock Management
Plant Sci.	213	Fundamentals of Horticulture
Dairy Sci.	223	Dairy Management
Vet. Sci.	223	Anatomy & Physiology
		BIOLOGY
First Summe		
Biol.	114	General Zoology
Biol.	114	General Zoology (Lab.)
Bio!.	134	General Botany
Biol.	134	Botany Lab.
Biol.	154	Human Anat. & Physiol. (Nurses
Biol.	154	Anat. and Physiol. Lab. (Nurses
Biol.	314	Human Anatomy & Physiology
Biol.	314	Anatomy & Physiology Lab.
Biol.	334	General Microbiology
Biol.	334	Gen. Microbiology Lab.
Biol.	414	Vert. Embryology
Biol.	414	Embryology Lab.
Biol.	451	Biol. Seminar
Second Sum	mer Tern	
Biol.	124	General Zoology
Biol.	124	General Zoology Lab.
Biol.	164	Anat. & Physiol. (Nurses)
Biol.	164	Anat. & Physiol. Lab.
Biol.	324	Anat. & Physiol.
Biol.	324	Anat. & Physiol. Lab.

BUSINESS ADMINISTRATION

Comp. Vert. Anat. Comp. Vert. Anat.

Biology Research

First BA BA BA BA	Summer	Term 143 253 313 373 333	Introduction to Business Elementary Accounting Principles of Marketing Business Law Principles of Insurance

424

424

461

Biol.

Biol.

Biol.

Second Sum		
BA	263	Elementary Accounting II
BA	383	Business Law
BA	393	Introduction to Finance
BA	343	Introduction to Salesman
,	RIISTNE	SS EDUCATION
First Summ		SS EDUCATION
BE	132	Flomentary Tuning I
BE	153	Elementary Typing I Elementary Shorthand I
		Elementary Shorthand 1
BE	253	Advanced Shorthand I
BE	372	Sec. Practice
BE	304	Office Practice
BE	303	Bus. Communication
Second Sum		
BE	142	Elementary Typing II
BE	163	Elementary Shorthand II
BE	263	Advanced Shorthand II
BE	282	Advanced Typing II
Educ.	383	Meth. of Teaching Bus. Subjects
		HEMISTRY
First Summ	er Term	
Chem.	114	General Inorganic Chemistry
Chem.	124	General Inorganic Chemistry
Chem.	114	General Inorg. Chemistry (Lab.)
Chem.	124	General Inorg. Chemistry (Lab.)
Chem.	204	Qualitative (Lab.)
Chem.	434	Biochemistry
Chem.	434	Biochemistry (Lab.)
Chem.	454	
Chem.	454	Instrumental Analysis (Lab.)
NSF-PSSC		am for Sec. School Chem. Students
NSF-PSSC		am for Sec. School Chem. Students
Second Sun	Tom	record Alla Land Control
Chem.	124	General Inorganic Chemistry
Chem.	124	General Inorg. Chemistry (Lab.)
Chem.	114	General Inorganic Chemistry
Chem.	114	General Inorg. Chemistry (Lab.)
Chem.	214	Quantitative Analysis
Chem.	214	Quantitative Analysis (Lab.)
Chem.	314	Introductory Organic Chemistry
Chem.	314	Intro. Org. Chem. (Lab.)
	COLL	EGE SCIENCE
	FRESH	MAN STUDIES
First Summ		Dialogical Science
Sci.	113	Biological Science
Sci.	123	Physical Science
Sci.	473	Elementary School Science
Second Sun		
Sci.	113	Biological Science
Sci.	123	Experiment in Living-Biol. Sci.
Sci.	123	Biological Science
Sci.	473	Elementary School Science

ENGLISH FRESHMAN STUDIES

	KESIII	TUNIA 91	UDIES
First Summer Eng. Eng.	Term 113 123	Freshman Freshman	Composition Composition
Second Summe Eng. Eng.	113 123		Composition

MATHEMATICS FRESHMAN STUDIES

First Summer	Term	
Math.	113	College Algebra
Math.	123	Trigonometry
Math.	173	College Math. I
Math.	183	College Math. II
Second Summe	er Term	
Math.	113	College Algebra
Math.	123	Trigonometry
Math.	173	College Math. I
Math.	183	College Math. II

FRESHMAN STUDIES

First Su	ımmer Term			
Nurs.	121	Concepts	of	Health
Second	Summer Term	de Service		
Nurs.	121	Concepts	of	Health

ECONOMICS

First Sumr	ner Term	
Soc. Sci.	113	Intro. to Soc. Sci.
Geog.	163	Intro. to Phy. Geog.
Econ.	203	Survey of Economics
Geog.	303	Geography of Texas
Econ.	213	Principles of Economics
Econ.	223	Principles of Economics II
Econ.	413	Labor Legislation
Econ.	323	Econ. Development of Europe
Second Sur	Tomas Tomas	

Second	Summer Term	
Geog.	213	Urban Geography
Geog.	313	World Regional Geography
Econ.	213	Principles of Economics
Econ.	223	Principles of Economics II
Econ.	343	Personnel Management
Fron	463	Modern Economic Thought

EDUCATION

First Summer Term Art Education

****	M CA CA CA CA CA CA A	
Art	253	Elementary Art
Art	263	Advanced Elem. School Art
Art	353	Drawing & Composition
Art	373	History of Art

Education

Educ.

Educ.

Educ.

Educ.

Psy.

Psy.

Educ.	463	Found in Reading Instruction
Educ.	313	American Public School
Educ.	313	American Public School
Educ.	343	Human Development
Educ.	343	Human Development
Educ.	483	Basic Concept
Educ.	483	Basic Concept
Educ.	432	Children's Literature
Psy.	113	General Psychology
Psy.	123	General Psychology
Sp. Ed.	313	Introduction Except. Child
Sp. Ed.	403	Curriculum Building
Second	Summer Term	
Art	383	Projects
Art	453	Org. of Instruction
Educ.	313	Amer. Public School Curriculum

FNCI ISH

Human Development

General Psychology

Abnormal Psychology

Found in Reading Instruction

Language Arts

Basic Concept

		III GLIGII
First Summer	Term	
Eng.	213	Fundamentals of Speech
Eng.	223	Introduction to Literature
Eng.	453	Medieval Literature
Drama	403	Contemporary Theater
Drama	493	Stagecraft

343

433

463

113

343

483

Second Summer Tern

Second Su	ımmer Tern	n
Eng.	213	Fundamentals of Speech
Eng.	223	Introduction to Literature
Speech	223	Voice and Phonetics

MODERN FOREIGN LANGUAGES

First Sumn	ner Term	
French	113	Elementary French
French	213	Intermediate French
Spanish	113	Elementary Spanish
Spanish	123	Elementary Spanish
Spanish	213	Intermediate Spanish
French	303	Intermediate French
French	313	History of Civilization

Second Summer TermFrench123Elementary FrenchFrench223Intermediate FrenchSpanish123Elementary SpanishSpanish223Intermediate Spanish

CHEMISTRY FRESHMAN STUDIES

First	Summer	Term			
Chem.		114	General	Inorganic	Chemistry
Chem.		114		Inorganic	

Second Summer Term

Chem. 124 General Inorganic Chemistry 124 General Inorganic (Lab.)

HOME ECONOMICS

			TOO HOMICS
First	Summer		
CD		342	Space & Equipment for
CD		363	Preschool Education Theory & Guidance of Play
Clo.		103	Elementary Textiles
Clo.		443	Economics of Clothing

Second	Summer Term	and the same of th
CD		Program Organization Methods
Fds. H.E.	422 123	& Materials Seminar in Food and Nutrition Family Life Education

INDUSTRIAL EDUCATION AND TECHNOLOGY

First Summer Term

Driver Education Courses

DE	202	Driver	Education	(Beginners)
DE	303	Driver	Education	I
DE	403	Driver	Education	II

Trade and Industrial Education Courses

	watere street Tr	dustrial Education Courses
IE	412	Effective Use of Inst. Materials
IE	422	Inst. Methods in Ind. Ed.
IE	432	Shop Org. & Classrm. Mgmt.
IE	472	Selection, Plct., & Follow-up
IE	442	Occup. Analysis & Cour. Mk.
IE	462	Philos. & Obj. of Vocational Ed.
IE	482	AV Materials in Instruction
IE	492	Problems in Coop. Training

Technical Courses

1 ecnni	ical Cou	rses
Draft.	113	General Drafting
Draft.	203	Technical Sketching
Elect.	113	Electrical Circuits
Elect.	303	Elect. Projects
Metal	113	Benchwork
Foundry	113	Foundry
Weld.	113	Elect. Weld. I
Print.	152	Platen Presswork
Print.	182	Machine Composition
Print.	112	Typography
Woodwk.	113	Fund. of Woodwork
App. Sci.	134	Ind. Prod. Tech.
App. Sci.	207	Ind. Prod. Tech.
Com. Fds.	212	Sanitation
Com. Fds.	242	Menu Planning

Second Summer Term

	Driver	Education	Cou	rses	House I and
DE		202	Driver	Education	(Beginners)
DE		403	Driver	Education	11

Trade and Industrial Education Courses

IE	412	Effective Use of Inst. Materials
IE	422	Inst. Methods in Ind. Ed.
IE	432	Shop Org. & Classrm. Mgmt.

Technical Courses

Draft.	123	General Drafting
Elect.	242	Radio Servicing
Elect.	123	Basic Elect. II
Print.	133	Layout and Design
Print.	162	Cylinder Presswork
Print.	273	Machine Composition
Metal	123	Machine Shop
App. Sci.	107	Ind. Prod. Tech.
App. Sci.	114	Ind. Prod. Tech.

MUSIC

First	Summer Term	
Mus.	151	Elem. Keybd. Harmony
Mus.	152	Elementary Harmony
Mus.	172	Elementary Sightsinging
Mus.	251	Adv. Keyboard Harmony
Mus.	252	Advanced Harmony
Mus.	223	Music Literature
Mus.	253	Elementary School Methods
Mus.	272	Advanced Sightsinging
Mus.	353	Counterpoint
Mus.	373	Grade School Music
Mus.	393	Instrumental Methods
Mus.	411	Music Seminar
Mus.	012-082	Basic Music
Mus.	111-221	Concert Band
Mus.	112-442G	Choral Ensemble
Mus.	112-422E	Piano
Mus.	112-422	Voice
Mus.	112-422	Brass Instrument
Mus.	112-422	Woodwind
Mus.	132L	String Class
Mus.	132	Woodwind Class
Mus.	132A	Brass Class
Mus.	142	Voice Class

Second Summer Term

Mus.

Mus.

Mus.	111-221	Concert Band
Mus.	112-442G	Choral Ensemble
Mus.	112-332E	Piano
Mus.	112-442F	Voice
Mus.	112-442K	Brass Instrument
Mus.	112-442]	Woodwind Instrument
Mus.	112-442]	Stringed Instrument
Mus.	132A	Brass Class
Mus.	132C	Strings Class
Mus.	132B	Percussion Class
Mus.	132D	Woodwind Class
Mus.	142	Voice Methods
Mus.	161	Elementary Keyboard
Mus.	162	Harmony

081

Basic Music

Mus.	261	Advanced Keyboard
Mus.	262	Harmony
Mus.	263	Elementary Methods
Mus.	282	Sightsinging
Mus.	332	Conducting
Mus.	303	Vocal Class Methods
Mus.	353	Counterpoint
Mus.	383	High School Methods
Mus.	393	Instrumental Methods
Mus.	413	Music History

LIBRARY SERVICE EDUCATION

First	Summer	Term	
LbSc.		323	Cataloging & Classification
LbSc.		363	Young People's Literature

First Summer Term

Second Summer Term LbSc. 383 Selection of Library Materials LbSc. 313 Administration & School Library

MATHEMATICS

WANDE DESCRIPTION	CA A CAMA	
Math.	124	Calculus I
Math.	133	Computer Science
Math.	213	Analytic Geometry
Math.	214	Calculus II
Math.	263	Structure of Number System
Math.	283	Informal Geometry
Math.	373	Linear Algebra
Math.	403	Independent Study
Math.	413	Differential Equations
Second Sum	mer Terr	n
Math.	143	Computing Machines
Math.	224	Integral Calculus
Math.	273	Fundamental of Algebra
Math	999	Informal Coometry

Math. 283 Informal Geometry Math. 303 History Math. 333 College Geometry Math. 443 Independent Study

PHYSICS

First S	ummer	Term			
Physics		214	College	Physics	
Physics		214	College	Physics	(Lab.)
Second	Summ	er Term		1000	
Physics		224	College	Physics	

POLITICAL SCIENCE

		TOTAL OUTLINE
First Summ	er Term	
Pol. Sci.	113	American Government I
Pol. Sci.	123	American Government II
Pol. Sci.	403	Urban Politics
Pol. Sci.	333	Politics of Dev. Nations
Second Sum	mer Tern	n
Pol. Sci.	113	American Government I
Pol. Sci.	123	American Government II
Pol. Sci.	373	Foreign Policy
Pol. Sci.	433	Presidency

Presidency

	SOC	CIOLOGY
First Summe	r Term	
Soc.	262	General Sociology
Soc.	402	Seminar
Soc.	453	Supervised Field Work
		a file of (L)
Second Sum		Longer Add
Soc.	303	Family
Soc.	333	Soc. Psychology
Soc.	343	Modern Social Problems
Soc.	453	Supervised Field Work
	ENG	INEERING
First Summ	er Term	
C. E.	243	Engineering Mechanics I
C. E.	313	Mechanics of Materials I
E. E.	313	Network Theory II
E. E.	343	Electronics I
	112	Engineering Problems
G. E. M. E.	413	Machine Design I
M. E.	113	Machine Design 1
Second Sun	nmer Term	The second secon
C. E.	253	Engineering Mechanics II
C. E.	322	Mechanics of Materials II
E. E.	323	Network Theory III
E. E.	433	Electromagnetic Fields & Waves
G. E.	113	Engineering Graphics I
M. E.	313	Thermodynamics
HEALT First Sumi		PHYSICAL EDUCATION
PE	111W	Freshman Practice (Swimming)
PE	211W	
PE		
	111M	Freshman Practice
PE		
PE PE	111M	Sophomore Practice
	111M 211M	Sophomore Practice Restricted Physical Education
PE	111M 211M 131	Sophomore Practice
PE PE	111M 211M 131 331	Sophomore Practice Restricted Physical Education Restricted Physical Education
PE PE PE	111M 211M 131 331 312	Sophomore Practice Restricted Physical Education Restricted Physical Education Gymnastics Recreation
PE PE PE PE	111M 211M 131 331 312 403	Sophomore Practice Restricted Physical Education Restricted Physical Education Gymnastics
PE PE PE PE PE	111M 211M 131 331 312 403 423	Sophomore Practice Restricted Physical Education Restricted Physical Education Gymnastics Recreation Safety Education
PE PE PE PE PE PE	111M 211M 131 331 312 403 423 402	Sophomore Practice Restricted Physical Education Restricted Physical Education Gymnastics Recreation Safety Education First Aid Methods of Swimming
PE PE PE PE PE PE	111M 211M 131 331 312 403 423 402 371	Sophomore Practice Restricted Physical Education Restricted Physical Education Gymnastics Recreation Safety Education First Aid
PE PE PE PE PE PE PE	111M 211M 131 331 312 403 423 402 371 483	Sophomore Practice Restricted Physical Education Restricted Physical Education Gymnastics Recreation Safety Education First Aid Methods of Swimming Organization & Administration
PE	111M 211M 131 331 312 403 423 402 371 483 203	Sophomore Practice Restricted Physical Education Restricted Physical Education Gymnastics Recreation Safety Education First Aid Methods of Swimming Organization & Administration Personal Hygiene
PE PE PE PE PE PE PE PE HE	111M 211M 131 331 312 403 423 402 371 483 203 392	Sophomore Practice Restricted Physical Education Restricted Physical Education Gymnastics Recreation Safety Education First Aid Methods of Swimming Organization & Administration Personal Hygiene Principles of Health
PE	111M 211M 131 331 312 403 423 402 371 483 203 392 333 333	Sophomore Practice Restricted Physical Education Restricted Physical Education Gymnastics Recreation Safety Education First Aid Methods of Swimming Organization & Administration Personal Hygiene Principles of Health Health Methods Elementary Methods
PE	111M 211M 131 331 312 403 423 402 371 483 203 392 333	Sophomore Practice Restricted Physical Education Restricted Physical Education Gymnastics Recreation Safety Education First Aid Methods of Swimming Organization & Administration Personal Hygiene Principles of Health Health Methods Elementary Methods
PE PE PE PE PE PE PE HE HE HE PE Second So	111M 211M 131 331 312 403 423 402 371 483 203 392 333 333	Sophomore Practice Restricted Physical Education Restricted Physical Education Gymnastics Recreation Safety Education First Aid Methods of Swimming Organization & Administration Personal Hygiene Principles of Health Health Methods Elementary Methods TM V Freshman Practice (Volleyball)
PE PE PE PE PE PE PE HE HE HE PE PE	111M 211M 131 331 312 403 402 371 483 203 392 333 333 333	Sophomore Practice Restricted Physical Education Restricted Physical Education Gymnastics Recreation Safety Education First Aid Methods of Swimming Organization & Administration Personal Hygiene Principles of Health Health Methods Elementary Methods TM V Freshman Practice (Volleyball) V Soph. Practice (Badminton)
PE PE PE PE PE PE HE HE HE PE PE PE	111M 211M 131 331 312 403 423 402 371 483 203 392 333 333 201 121V 221V 121N	Restricted Physical Education Restricted Physical Education Restricted Physical Education Gymnastics Recreation Safety Education First Aid Methods of Swimming Organization & Administration Personal Hygiene Principles of Health Health Methods Elementary Methods TM V Freshman Practice (Volleyball) V Soph. Practice (Badminton) M Freshman Practice
PE PE PE PE PE PE HE HE PE PE PE PE PE	111M 211M 131 331 312 403 423 402 371 483 203 392 333 333 201 121V 221V 121N 221V	Sophomore Practice Restricted Physical Education Restricted Physical Education Gymnastics Recreation Safety Education First Aid Methods of Swimming Organization & Administration Personal Hygiene Principles of Health Health Methods Elementary Methods TM V Freshman Practice (Volleyball) V Soph. Practice (Badminton) Freshman Practice M Sophomore Practice
PE PE PE PE PE PE PE HE HE HE PE PE PE PE PE PE PE PE	111M 211M 131 331 312 403 402 371 483 203 392 333 333 121M 121N 221N 221N 221N 221N 221N	Restricted Physical Education Restricted Physical Education Restricted Physical Education Gymnastics Recreation Safety Education First Aid Methods of Swimming Organization & Administration Personal Hygiene Principles of Health Health Methods Elementary Methods TM V Freshman Practice (Volleyball) V Soph. Practice (Badminton) M Freshman Practice M Sophomore Practice Restricted Physical Education
PE PE PE PE PE PE PE HE HE HE PE PE PE PE PE PE PE PE PE	111M 211M 131 331 312 403 423 402 371 483 203 392 333 392 121V 221V 221V 221S 231 431	Sophomore Practice Restricted Physical Education Restricted Physical Education Gymnastics Recreation Safety Education First Aid Methods of Swimming Organization & Administration Personal Hygiene Principles of Health Health Methods Elementary Methods TM V Freshman Practice (Volleyball) V Soph. Practice (Badminton) M Freshman Practice M Sophomore Practice Restricted Physical Education Restricted Physical Education
PE PE PE PE PE PE HE HE HE PE	111M 211M 131 331 312 403 402 371 483 203 392 333 333 121V 221V 121N 221N 221N 231 431	Restricted Physical Education Restricted Physical Education Restricted Physical Education Gymnastics Recreation Safety Education First Aid Methods of Swimming Organization & Administration Personal Hygiene Principles of Health Health Methods Elementary Methods TM V Freshman Practice (Volleyball) Soph. Practice (Badminton) Freshman Practice Restricted Physical Education Restricted Physical Education Recreation
PE PE PE PE PE PE PE HE HE HE PE PE PE PE PE PE PE PE PE	111M 211M 131 331 312 403 423 402 371 483 203 392 333 392 121V 221V 221V 221S 231 431	Sophomore Practice Restricted Physical Education Restricted Physical Education Gymnastics Recreation Safety Education First Aid Methods of Swimming Organization & Administration Personal Hygiene Principles of Health Health Methods Elementary Methods TM V Freshman Practice (Volleyball) V Soph. Practice (Badminton) M Freshman Practice M Sophomore Practice Restricted Physical Education Restricted Physical Education

PE	402	First Aid
PE	381	Methods of Swimming
PE	343	Secondary Methods
PE	483	Organization & Administration
HE	203	Personal Hygiene
HE	353	Public School & Com. Health
PE	203	Personal Community
HE	333	Elementary Methods
PE	462	Corrective

HISTORY

First	Summer	Term		
History		173	U.S.	1492-1876
History		183	U. S.	1877 - Present

 Second Summer Term

 History
 173
 U. S. 1492-1876

 History
 183
 U. S. 1877 - Present

are selected or national ected without regard to origin, h Title VI of the Civil I o their race, color, creed, sex, with the Assurance of Coman n equal educational oppor-faculty, and staff members Rights

EXPENSES AND FEES FOR 1973 SUMMER SESSION

(These fees are subject to change without notice)

	Drew & Holley	Banks & Fuller	\$uarez, Collins, Alexander, Buchanan \$ 25.00 \$ 10.00 \$ 10.00 \$ 2.00 \$ 60.00	Alta Vista, Hermitage, Evans, Minor, Anderson, Schumacher, Lucky, Foster	Day Student Graduate Students 3 Weeks and or Workshop Roomers	
Tuition Student Service Fee (Required) Building Use Fee Library Building Use Fee Room Rent Board and Laundry (Tax included)	\$ 25.00 \$ 10.00 \$ 10.00 \$ 2.00 \$ 87.50	\$ 25.00 \$ 10.00 \$ 10.00 \$ 2.00 \$ 70.00		\$ 25.00 \$ 10.00 \$ 10.00 \$ 2.00 \$ 50.00	\$25.00 \$ 5.00 \$10.00 \$ 2.00	\$25.00 \$10.00 \$10.00 \$ 2.00
SUB-TOTAL *I.D. Card *Room Deposit for Damage & Breakage *Student Property Deposit GRAND TOTAL	\$235.00	\$217.50	\$207.50 1.50 25.00 10.00 \$244.00	\$197.50	\$42.00	\$47.00