



*Summer School '64*

Colorado State  
College • Greeley

June 15  
to  
August 21



Above — Carter Hall, CSC's comfortable and well-stocked library, is a familiar landmark to the CSC summer student. The library has more than 178,000 volumes plus many periodicals and government documents.

Front. Cover — A summer at Colorado State College is an irresistible combination of educational opportunity for students working on any one of four degree levels, stimulating educational atmosphere, and warm, sunny physical environment. Gunter Hall forms an impressive backdrop for these representative students as they stroll across campus.

## The Concept of Service

The challenge of a rapidly changing culture faces higher education institutions throughout the nation. Serving an ever increasing number of students and preparing them for living in a rapidly changing scientific-technological culture is a basic concern of all dedicated educators. One way to be of greater service to students is to increase opportunities for education through year-round education programs.

Dedication to service and the concept of year-round education are old friends to the alumni of Colorado State College. The college's fundamental purpose, that of serving its students and public education in Colorado, has fostered the continuation of these values. As early as 1930, the college summer curriculum included courses for undergraduate as well as graduate students. For 35 years the college has refined and enlarged its summer program.

The college offers, each summer, a sound and balanced program leading to any one of six degrees: Bachelor of Arts (teacher preparation or liberal arts), Bachelor of Science in Nursing, Master of Arts, Specialist in Education, Doctor of Education, and Doctor of Philosophy.

The academic program at CSC is constantly expanding to meet more diversified needs and an increasing enrollment. Students enrolling in Summer School '64 will be taught by 187 resident faculty plus a number of guest faculty. These highly qualified people are offering more than 530 courses in nearly 600 classes.

You are cordially invited to visit the campus. The faculty and staff will be glad to discuss your educational plans with you. Join the thousands of students who will be at CSC for Summer School '64.

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# Summer School '64

Summer quarter will be held from June 15 to August 21. Registration will be June 15 and 16 with classes beginning June 17. A student may earn up to 15 quarter hours credit which is the normal load for any academic quarter.

The 1964 Summer Quarter, a 10-week quarter with regular classes meeting for 50 minute periods. Classes meet from one to five days a week depending on the number of credit hours offered. In addition to the 10-week regular courses, a well-distributed program of special courses (see pages 12 through 15) has been planned for shorter periods of time, and varies from 1 week to 8 weeks.

Degree programs include the Bachelor of Arts in teacher education or liberal arts, Bachelor of Science, Masters of Arts, Specialist in Education, Doctor of Education, and Doctor of Philosophy. Turn to page 6, 7, or 8 for details.

## New Programs

Colorado State College is announcing two new degree programs — the Doctor of Philosophy degree and the Bachelor of Science degree in nursing. Information concerning the degree in nursing may be found on page seven of this bulletin. The Doctor of Philosophy degree is being offered in two areas: College Student Personnel Work and Educational Measurements and Research. Additional information may be found on page eight of this bulletin.

## Diamond Jubilee

In addition, two pages of this bulletin are devoted to the historical background of the college in observance of the forthcoming Diamond Jubilee celebration which will begin Fall Quarter, 1964. Please turn to pages 10 and 11.

## General Information

Colorado State College, a state-supported college, was founded in 1890 by members of Horace Greeley's Union Colony. It is primarily a teacher education institution although educational demands from throughout the state have caused the college to widen its liberal arts offerings. Average summer enrollment is 4,500.

The eight academic divisions of the college are: Arts, Education, Health, Physical Education and Recreation, Humanities, Music, Nursing, Sciences, and Social Sciences.

Colorado State College is fully accredited by the National Council for the Accreditation of Teacher Education and the North Central Association.

The library in Carter Hall has 178,000 volumes, 750 microfilms and 950 periodicals. The Instructional Material Center, in the library, has more than 1,700 films, 200 filmstrips, and several hundred recordings.

In addition to academic services, the college also supports the Educational Planning Service which provides consultative services to school districts and educational institutions, and the Bureau of Research Services which coordinates and stimulates campus research.

The beautiful 317-acre CSC campus is divided into two parts—Greeley campus with a physical plant of 81 buildings and the 80-acre Mountain Campus near Estes Park amid some of the most spectacular scenery in the Rockies. Still under development, the Mountain Campus is used primarily for field trips.

CSC is in Greeley, Colorado, a city of approximately 32,000. Greeley is on U. S. Highway 85 and 34, fifty miles north of Denver, south of Cheyenne, Wyoming, and east of Estes Park.

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# Admissions Policy

Students applying for admission to Colorado State College for Summer Quarter should complete and return the reply card bound into this bulletin. Students applying for the first time or for the first time since September, 1959, should complete and return the Statistical Information Form on page 31 of the bulletin. Additional information required as part of application for admission depends upon the status of the student as defined below. Inquiries concerning the graduate program or graduate admission should be directed to the Dean of the Graduate Division, Dr. Sam Gates. Undergraduates should contact the Registrar, Mr. George F. Sanderson, for application forms. There are no admission or evaluation fees.

## Graduate

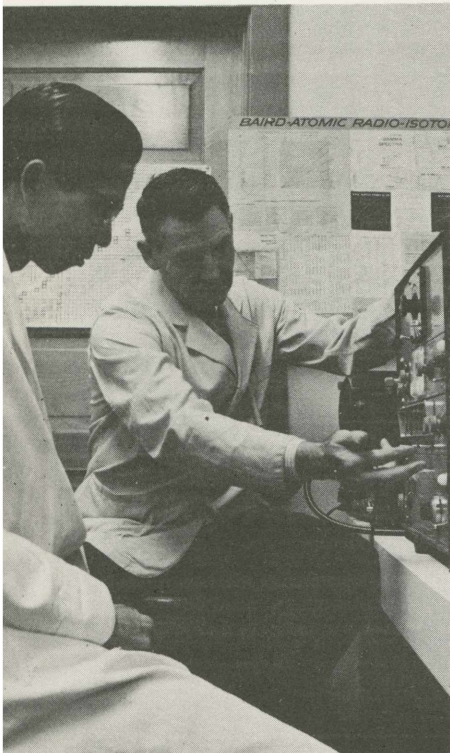
An application in triplicate and two copies of certified transcripts of all previous academic credits should be filed with the Dean of the Graduate Division. All classified graduate students are required to take an English usage examination form. A completed medical examination form and two pictures must also be submitted.

## Transfer Students

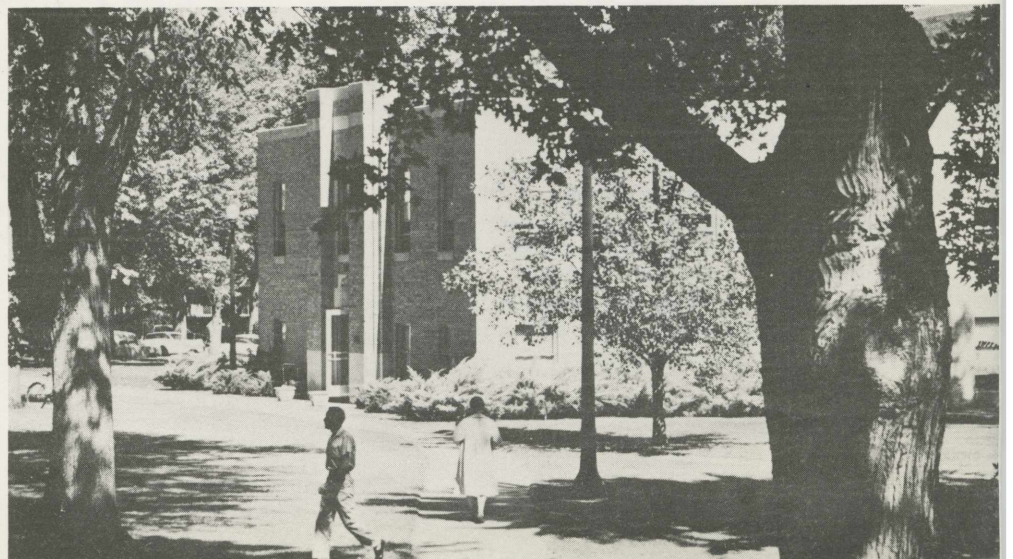
Students seeking a graduate degree from CSC may transfer eight quarter hours toward a masters or specialist degree and 12 quarter hours toward doctorate degree. The college accepts a maximum of 135 quarter hours transfer credit on undergraduate programs. Only 90 hours of the transferred credit may be granted by junior colleges. All degree-seeking students must submit transcripts of previous college work and a health report. Undergraduate students must also submit a transcript of high school studies.

## Freshmen

Students who are entering college for the first time should write to the Registrar, Mr. George F. Sanderson, for information and application forms. Special programs for freshman students are described on page 6. To be eligible to apply for regular admission, in-state freshmen must graduate from the upper two-thirds of their class and out-of-state students from the upper half.



*Colorado State College is famous for its faculty-student relationships. Faculty members spend as much time as possible with individual students.*



*A setting for summer study. Frasier Hall is in the background.*

# Registration

Registration for regular classes will take place June 15 and 16 in the Student Union Ballroom and Gunter Hall Gymnasium. IBM registration materials may be obtained in the Student Union Ballroom and students will confer with their advisers in Gunter Gymnasium.

Summer Quarter students will register as follows:

June 15 8 a.m. to noon	A-L graduate students
1 p.m. to 4 p.m.	A-L undergraduate students
June 16 8 a.m. to noon	M-Z graduate students
1 p.m. to 4 p.m.	M-Z undergraduate students

To insure proper registration, follow these steps:

1. Registration materials may be obtained at Frasier 115 on Thursday, Friday, and Saturday morning, June 11, 12, 13. Registration materials will be in the Student Union Ballroom on June 15 and 16.
2. Students should fill in all registration cards accurately and as completely as possible before entering Gunter Hall to see advisers and major professors.
3. Enter Gunter Hall via the north door and locate your academic adviser or major professor. Secure the adviser's signature on (a) Student's Program and (b) Accounting and Business Office Fee Payment cards. At this point, be sure all cards are 100 per cent complete and *signed by the faculty adviser and not by the instructor of the class.*
4. Go to the specific division tables to secure your correct class cards and laboratory cards (if applicable). Compare registration cards with these class cards to be absolutely sure correct class cards have been given you.
5. Enter the Women's Gym via the west archway from the Men's Gym. Stop at the checking tables where "checkers" will check every card for possible errors.
6. Veterans who must complete Veterans Administration forms must stop at the station designated "Veterans" in the Women's Gym.
7. Leave the Women's Gym via the west door and proceed to Frazier Hall for payment of fees.

Students who complete registration after June 16 will be assessed a late registration fee as described on page 5 of the summer bulletin. No registration for 10-week classes will be permitted after 4 p.m., Wednesday, June 24.

## Special Courses

Registration for one to eight week courses may be completed during regular registration, June 15 or 16, or at the Records Office, Frasier 126 after June 16. Students must register before the first class meeting.

A student may register for any class for no credit by paying regular tuition and fees. Class cards may be obtained from the Dean of the College. No audit or visitors cards are issued.

Because registration occurs on the first two days of the quarter, two Saturday classes are scheduled. Monday classes will meet July 18 and Tuesday classes August 8.

## Graduation

Graduation will be at 7 p.m., Thursday, August 20, in the Garden Theater. Graduating students are required to participate in graduation exercises. Caps and gowns may be rented from the college bookstore.

## Final Examinations

Final examinations will be held Thursday and Friday, August 20 and 21, according to the published schedule unless special arrangements are made by the instructor for special examination periods. Graduating students are exempt from final examinations. A student who must be absent any part of the last week of the course or for final examinations makes arrangements with his instructor to receive an Incomplete if his reasons and previous work warrant this privilege. If arrangements are not made, the student receives an F. Only in extreme emergency (death, illness, jury duty, armed services directives) may an instructor grant an early examination privilege which requires a fee and a special examination.

## Summer School Calendar

### JUNE

S	M	T	W	Th	F	S
		1	2	3	4	5 6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

### JULY

S	M	T	W	Th	F	S
				1	2	3 4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

### AUGUST

S	M	T	W	Th	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

# Student Services

## Housing

College housing is available in residence halls for single men and women. All accommodations in the residence halls include room and board. The rooms are arranged to accommodate two persons to a room. Married couples without children are housed in residence halls, providing either the husband or wife is a student.

The college does not have low-cost housing for married students with children. Many students find rooms, apartments, and houses in Greeley. Room and apartment rental listings are available to any student who desires to call in person at the Housing Office. Arrangements for accommodations with private landlords cannot be made by the Housing Office by mail, but must be made by the student directly with the landlord. Students and landlords are both advised to have a clear understanding, preferably in writing, as to facilities, prices, and intended length of tenancy.

A limited number of college-owned sorority and fraternity houses are available for single women and married couples without children. Houses accommodating single women have two or more students per room and no food service. Houses for married couples without children provide a room for each couple with community lounge and cooking privileges, but no food service.

### Board and Room\*

Men (2 per room) .....	\$245.00
Women (2 per room) .....	245.00
(1 per room) .....	275.00
Married Couples .....	490.00
Board Only (2 meals per day, excluding breakfast, limited to students not residents in college halls) .....	145.00

### Rooms Only\* (2-4 occupants per room in sorority houses)

Single woman .....	70.00
Married couples (Rates for 2 persons) .....	140.00

\* The college will furnish and launder college-owned sheets, pillow cases and blankets. Trailer Parking Space, electricity and water provided, per day.....\$ .50

Housing information for periods less than 10 weeks may be obtained from Mr. Ralph Hargrove, Director of Housing, Colorado State College.

## Student Employment

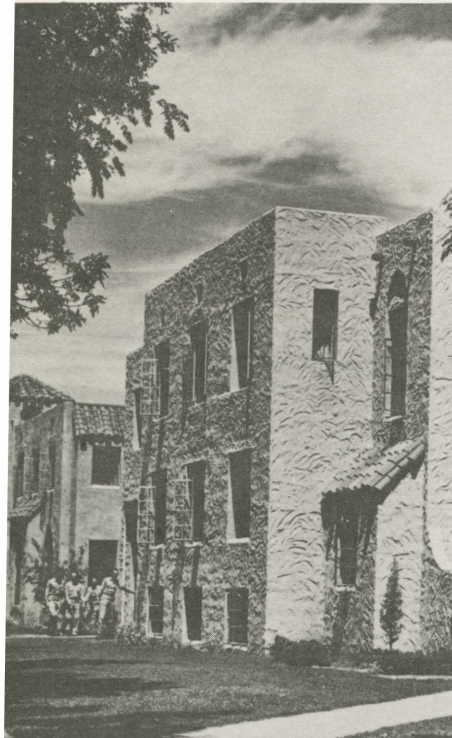
A large number of the students of the college have part-time employment on campus to help defray their expenses. Other jobs are available in Greeley business places and homes. Each student employed on the college campus must maintain a satisfactory grade average. Inquiries concerning employment should be addressed to Mr. Harry Collins, Director of Financial Aid, Frasier Hall, Room 7.

## Health Service

The Student Health Service in Frasier Hall, Room 18, offers treatment and limited dispensary facilities with registered nurses in attendance at all times during the college day, and with physicians available at specific office hours.

## Auto Registration

Any student having a car on the campus or driving one to the campus must register the car with the Department of Student Personnel for security purposes. Decals will be distributed at the checkout table during regular registration or at the Dean of Students office, Frasier 119.



Troxell and Hays residence halls on East Campus.

PLEASE PRINT Colorado State College—1964 Summer Quarter  
APPLICATION FOR COLLEGE HOUSING

Name \_\_\_\_\_  
(LAST) (FIRST) (MIDDLE)

Address \_\_\_\_\_  
(STREET) (CITY) (STATE)

Sex \_\_\_\_\_ Age \_\_\_\_\_

Please Enclose  
a \$25 Deposit

College housing desired—  
(All rooms are for two or four persons)

My classification is \_\_\_\_\_

\_\_\_\_\_ Residence Hall \_\_\_\_\_ College House

\_\_\_\_\_ Fresh.-Soph.

\_\_\_\_\_ Accommodations desired for man and wife.

\_\_\_\_\_ Jr.-Senior

\_\_\_\_\_ Graduate

# Tuition, Fees

Basic, required tuition and fees paid by every student are collected for the number of rated credit hours of the courses for which a student registers. These are applicable to every enrollment: for partial or full study, for Colorado resident status, and for credit or no-credit status.

All charges are due and payable at the time of regular registration or during registration for special classes. No registration is complete until the assessed charges are paid at the Accounting Office. Any registration permitted at a time other than that scheduled as defined by the regulations of this bulletin will carry a late registration fee. Please consult the incidental fees table below.

Fees for added services, individual instruction, special programs and courses carrying laboratory or field trip expenses will be assessed and paid at registration in like manner with basic tuition and fees. For programs leading to the Specialist in Education and Doctoral degrees, the General Catalog itemizes extra charges (including phasing fees) which are assessed to the student. No graduate program phasing fees will be altered or refunded if the student fails to pursue his intent or for any reason drops out of the program for which he has been accepted.

Certain tuition scholarships and waivers are issued to apply in the fall, winter, and spring quarters; others, principally Joint Honor Scholarships and Colorado State College Awards, are now validated as well for use during the summer quarter. Only that portion of the credit hour charge represented by the tuition is waived. Holders of Student Teaching Reciprocity Waivers which are issued for fractional loads, are granted waivers for tuition plus student services fees for the credit hours value only of the STRW presented.

Determination of residence for tuition assessment is made at registration in accordance with C.R.S. 1953, 124-19-1, a Colorado Statute governing residence status and applicable to all state institutions of higher education in Colorado.

The Trustees of the State Colleges, the governing body for Colorado State College, reserves the right to alter tuition fees and/or board and room charges on 30 days notice prior to the first day of registration for any quarter. Charges for the present summer are based on the 1963-64 General Catalog.

## Tuition and Fees:

		Summer 1964, Per Credit Hour of Enrollment
Colorado Resident		
Tuition .....	\$4.50	
Student Service Fee .....	2.00	\$ 6.50
Non-Colorado Resident		
Tuition .....	\$8.50	
Student Service Fee .....	2.00	\$10.50

Complete tuition and student services fee assessments are computed by multiplying the number of course credit hours by \$6.50 for residents and \$10.50 for non-residents.

## Incidental Fees

Late Registration: Assessed for an enrollment completed on the first day following the scheduled registration day.....	\$5.00
Assessed for each added day, if late registration be permitted, per day.....	2.00
Special Examination: Assessed when permission is granted to take an examination at a time other than regularly scheduled.....	2.00
Late Application for Graduation.....	2.00
Change of Program: Assessed for each separate change of program permitted..	1.00

## Refunds Policy

To be eligible for a refund of any kind under college regulations, the student must present a copy of an approved formal withdrawal notice to the Business Office. Forms may be obtained from the Records Office and must be signed by the instructor. Partial refunds for regular quarter classes are granted only for early withdrawals. No refund will be granted for special classes after the first meeting of the class. Please consult the 1963-64 General Catalog for specific refund policy.



*Many students bring the family.*

# Undergraduate Programs

## MAJORS

### TEACHER PREPARATION

#### Arts

Fine Arts  
Home Economics  
Dietetics  
Industrial Arts

#### Education

Business Education  
(Office Occupations or Distributive Education)  
Elementary Education  
Special Education  
(Audiology; Mental Retardation; Speech Correction or Teaching the Acoustically Handicapped)

#### Health, Physical Education and Recreation

Physical Education for Women  
Physical Education for Men

#### Humanities

English  
English  
(Junior High)  
Foreign Languages  
Speech  
Drama

#### Music

Music Education  
Music Education  
(Five-year program)

#### Sciences

Biological Science  
Chemistry  
Physical Science  
Mathematics  
(Junior High)  
Mathematics  
(Secondary)  
Elementary Science  
Physics

#### Social Sciences

Social Science  
History  
Social Studies  
(Junior High)

### LIBERAL ARTS

#### Arts

Fine Arts  
Home and Family Living  
Dietetics

#### Education

Business

#### Humanities

English  
Foreign Languages  
Speech  
Drama

#### Nursing

Nursing

#### Sciences

Biological Science  
Chemistry  
Physical Science  
Mathematics  
Physics  
Medical Technology

#### Social Sciences

Social Science  
History

Students enrolling at the undergraduate level may elect to work toward a Bachelor of Arts degree in either the teacher preparation or liberal arts programs.

The Summer Quarter plan, initiated during the summer of 1962, allows the undergraduate student to attend college on a four-quarter basis. If this plan is followed from the freshman year, the student, through continuous study, may complete his undergraduate requirements for graduation in three years. If academic requirements are met, the student is then eligible to apply for a position and earn an extra year's salary or to work on a master's degree during the fourth year which is normally devoted to undergraduate study.

Please consult the list of Summer classes listed on page nine for the number of General Education and content courses being offered for undergraduate students.

## Baccalaureate Degrees

Eight academic divisions offer a total of 33 majors in the teacher preparation program. Admission to Colorado State College does not guarantee teacher certification. Prior to their junior year, students pursuing a teacher preparation major must apply for admission into the Advance Teacher Education Program. If admitted, the student enrolls in a block of advanced teacher education courses including basic concepts of education, educational psychology, student teaching and educational philosophy. Successful completion of the program will result in certification of the prospective teacher to teach in Colorado and all other states in the nation.

There are 17 majors offered by six academic divisions in the liberal arts program. The program, in the number and quality of course offerings, is comparable to the program of fine liberal arts colleges in the area.

Two programs—nursing and recreation—are being offered under the Bachelor of Science degree. Please turn to page seven for additional information concerning the Nursing program.

## Minor Programs

In addition to the programs listed above, the college offers a number of programs as minors (27 quarter hours). Most major programs are also offered as minor programs. Two minor programs, journalism and psychology, are offered as minors only. Please consult the general catalog for specific information.

**JOURNALISM MINOR (TEACHER PREPARATION):** This course of study primarily will prepare the student as a high school journalism teacher and publications sponsor, although many courses will be applicable toward work in professional journalism. Required courses include journalism skills, semantics, photography, psychology of advertising, sponsorship and production of school publications. Students are advised to take electives in economics, history, government, sociology, grammar and critical thinking.

**PSYCHOLOGY MINOR (TEACHER PREPARATION AND LIBERAL ARTS):** This program will have two basic alternatives: (1) as a minor of a teacher preparation program which would give the prospective teacher an insight into human behavior and learning characteristics and (2) as a minor for liberal arts with emphasis on personnel placement and other forms of industrial psychology. Major emphasis will be placed on understanding human development.

## College Competency

Colorado State College believes that any person who demonstrates ability to successfully pursue college study should have the opportunity to enter college. Working on this assumption, CSC is offering its "Summer Program for College Competency" which offers the high school student graduating from the lower third of his class an opportunity to test his ability to do college work.

Students under this program will take at least 12 quarter hours of academic work plus one physical education activity course as an unclassified student. If the student achieves the grade point average required of all regularly admitted freshmen, he will be granted regular college admission for Fall Quarter and will be granted credit for the courses satisfactorily completed during the summer.



# Nursing Program

Summer School '64 will mark the entry of Colorado State College into a four year baccalaureate degree nursing program. The Division of Nursing was formed to prepare college students for staff level positions as professional nurses in any setting and to provide a foundation for graduate study in nursing. Miss Elaine McMinn, education consultant for the Oklahoma Board of Nurse Registration and Nurse Education before coming to CSC, is the division chairman.

The program consists of four academic years and one summer quarter (or 13 quarters) of study and leads to a Bachelor of Science degree in Nursing. The curriculum is planned to include an approximate balance of general and professional education. The first two years include courses in the biological, physical, and behavioral sciences and the humanities. These provide a base of general education and contribute to education in the nursing major.

Education in the nursing major is offered largely at the upper division level. Nursing courses include theory and clinical practice in medical, surgical, and maternity nursing; the nursing care of children; and psychiatric and public health nursing. Preventive, remedial, supportive, and rehabilitative components of nursing are an integral part of all nursing courses. Relevant concepts from prerequisite general education courses are incorporated and applied in nursing courses.

Weld County General Hospital, through a cooperative agreement with Colorado State College, provides the major facilities for clinical practice in nursing. The hospital has a capacity of 240 beds and 40 bassinets and includes facilities for clinical practice in medical, surgical, maternity nursing and nursing care of children. Experience in public health and psychiatric nursing and other learning experiences are provided by selected community and state health agencies. The Campus Laboratory School and Special Education School provide excellent facilities for experience with well children and with exceptional children. All learning experiences in the hospital and other community agencies are under the direction of the Division of Nursing faculty.

A total of 180 academic quarter hours plus six quarter hours of physical activity courses are required for graduation.

The following are requirements for the program:

1. General Education totaling 42 academic quarter hours plus six quarter hours of physical activity courses to be taken in the freshman and sophomore years. Nursing majors will take the General Education program listed for the Bachelor of Arts degree in liberal arts with one exception. EPG 21 (General Psychology and Human Performance) will be substituted for HPER 61 (Personal and Community Health).
2. Foundation and contributory courses totaling 41 academic quarter hours. These courses will be taken in the freshman and sophomore years.

Freshman Year—		Hours	Sophomore Year—		
Course Number	Course Title	Credit	Course Number	Course Title	
CHEM 41	Principles of Chemistry I	5	ZOO 12	General Zoology—Vertebrate	5
CHEM 42	Introductory Organic Chemistry	5	ZOO 212	Mammalian Anatomy	5
CHEM 147	Biochemistry	5	ZOO 217	Human Physiology	5
			BOT 122	General Bacteriology	5
			HEC 93	Elementary Nutrition	3
			NURS 99	Introduction to Nursing	3
3. Requirements for the Junior Year					41
Nursing and contributory courses totaling 46 academic quarter hours.					
NURS 100	Nursing Fundamentals	8	HEC 282	Nutrition in Disease	3
NURS 101	Pharmacology I	2	NURS 104	Pharmacology II	3
EPG 140	Educational Psychology	5	Junior Year Summer Quarter		
NURS 102	Maternal—Child Nursing	12	NURS 105	Medical-Surgical Nursing II	12
SOC 204	Marriage and the Family	3			
NURS 103	Medical-Surgical Nursing I	8			

4. Requirements for the senior year —  
Nursing and contributory courses totaling 41 academic quarter hours. Plans for the senior year are still being developed and will appear in the 1965-66 catalog. Content will include psychiatric nursing, advanced nursing practice, leadership skills in nursing, public health nursing and other related content.

The first class to be offered by the new division, NURS 99 Orientation to Nursing, will be offered at 2 p.m., Monday, Wednesday and Friday during summer quarter. The course primarily is for sophomore students enrolled in the program. Hereafter, the course will be offered during the spring quarter of the sophomore year.



Many prospective freshman students take advantage of summer registration.

Students are introduced to the latest techniques and equipment used in education.



# Graduate Programs

## MASTER OF ARTS

### MAJOR PROGRAMS

#### Arts

Industrial Arts  
Fine Arts  
Home Economics

#### Education

Audio-Visual Education  
Education  
Business Education  
Educational Administration (Elementary, Junior High or Secondary)  
Educational Psychology and Guidance  
Elementary (Content, Developmental Reading, or Remedial Reading)  
Junior High School Education  
Secondary Education (Curriculum and Supervision of Instruction)  
Special Education (Audiology, Speech Correction, Mental Retardation, Physically Handicapped, Visually Handicapped or Acoustically Handicapped)  
Vocational Rehabilitation

#### Health, Physical Education and Recreation

Dance  
Health Education  
Physical Education  
Recreation  
Supervision of Physical Education

#### Humanities

English  
Speech and Drama

#### Music

Music Education  
Supervision of Music

#### Science

Biological Science (General, Botany, or Zoology)  
Mathematics  
Physical Science (General, Chemistry, or Physics)

#### Social Sciences

History  
Social Science  
Social Studies Education

Through the Graduate Division, Colorado State College offers four advanced degree programs leading to the Master of Arts, (M.A.), Specialist in Education, (Ed.S.), Doctor of Education, (Ed.D.), and Doctor of Philosophy, (Ph.D.). The Specialist degree is offered only in the Division of Education.

Detailed information concerning advanced degrees may be obtained by consulting the 1963-64 General Catalog or by writing to Dr. Sam Gates, Dean of the Graduate Division, CSC.

## Master of Arts

The Master of Arts degree may be earned in three consecutive summer quarters of full-time study. Thirty weeks is the minimum residence requirement for the master's degree which is awarded upon completion of 45 quarter hours of credit. Students may choose their field of study from the majors offered by the seven instructional divisions:

Two plans are available: Plan A, with thesis, and Plan B, without thesis.

## Specialist in Education

The Specialist in Education degree is a one-year program beyond the Master's degree. This program prepares one to be what the name implies—a specialist—and course work generally cuts across divisional and departmental lines. A student may wish to specialize in areas similar to the following topics: Supervision of Science Instruction, Consultant in School Buildings, Testing in the Elementary School or Guidance in the Elementary School.

## Doctor of Education

A two-year program beyond the master's degree, the Doctor of Education degree requires course work and research of a professional nature. The student selects an area of concentration (major) and a supporting area (minor). All candidates are required to spend three consecutive quarters out of a total of 50 weeks in residence and in full-time study. To be eligible for admission to candidacy for the degree, the student must have earned at least 36 hours of credit with a "B" average or better and completed all examinations, research outlines and other classification work. Concentration or major fields of study may be chosen from: Business Education • Educational Administration • Educational Psychology and Guidance • Elementary Education • English Education • Health and Physical Education • Industrial Arts Education • Mathematics • Music Education • Science Education • Secondary Education • Social Science • Special Education (Speech Pathology or Mental Retardation) • Vocational Rehabilitation.

Students may select any one of the above fields for their minor course of study or one of the following: Audio-Visual Education • Curriculum • Higher Education • Mathematics • History and Philosophy of Education.

## Doctor of Philosophy

The Doctor of Philosophy degree is a three year program beyond the baccalaureate. Two specialized programs are available: (1) College Student Personnel Work to prepare candidates for college placement as deans of students and in other related areas; and (2) Educational Measurements and Research designed to prepare candidates for college teaching assignments and/or researchers for curricular areas.

# Summer Quarter Courses

Division Department	(a) 1-99	(b) 100-199	(c) 200-299	(d) 300-399	(e) 400-499
Arts					
Fine Arts	54.	104, 117, 123, 124, 127, 135.	202, 203, 208, 219, 220, 221, 228, 230, 232, 240.	301, 303, 305, 315, 316, 317, 320, 327, 328, 335, 336.	
Home Economics	72.	192.	203, 209, 244, 261, 265, 268, 279, 280, 284, 291, 293, 294.	303, 307, 372, 385, 396.	
Industrial Arts	72.	110, 118, 141, 143, 150, 154, 161, 173, 174.	216, 217, 218, 219, 220, 230, 234, 243, 250, 254, 264, 272, 273, 274, 281, 282, 290.	330, 331, 335, 336, 343, 351, 352, 362, 371, 374, 380.	
Education	80.	101‡, 109, 110, 111, 112, 113, 115, 139, 148, 149.	206, 207, 208, 220, 222, 223, 227, 237, 241, 242, 249, 295‡.	302, 308, 309, 310, 311, 312, 313, 314, 315, 316, 319, 320, 321, 322, 323, 324, 325, 330, 331, 332, 341, 342, 343, 344, 348, 351, 355, 365, 366, 367, 369, 380, 395, 396, 398.	420, 443, 444, 461, 462, 463, 493, 494.
Business	2, 3, 4, 10, 20, 64.	131, 150.	252, 261, 275, 278, 285, 286, 287.	341, 358, 376.	
Business Education			230, 266, 277, 280, 281.	354, 356, 357, 358, 371, 372, 373.	401, 402.
College Student Personnel Work			252.	351, 357, 358.	452.
Educational Psychology and Guidance	20*.	140‡.	201, 214, 230, 240, 270, 275, 285.	311, 313, 314, 315, 317, 331, 332, 334, 340, 370, 373, 374, 380, 382, 388.	412, 415.
Library Science			280, 281, 282, 283, 284.		
Special Education			200, 201, 210, 211, 212, 231, 241, 242, 244, 250, 252, 253, 256, 257, 262, 264, 265, 270, 272, 274, 280.	302, 311, 312, 314, 343, 354, 364, 365, 390, 395, 396.	401, 402, 410.
Health, Physical Education, and Recreation	3†, 12†, 20†, 22†, 25†, 26†, 34†, 61*, 62, 65, 66, 74, 75, 88.	101, 102, 120.	201, 205, 213, 220, 226, 232, 235, 245, 247, 248, 250, 256, 258, 260, 264, 265, 266, 270, 271, 272, 274.	305, 312, 325, 340, 344, 375, 377.	401, 402, 403, 405.
Humanities	1*, 2*, 3*.			330.	
Communications	1*, 2*, 3*.				
English	50.	101.	210, 211, 226, 232, 235, 257, 258, 259, 260, 261, 299.	302, 303, 306, 311, 313, 326.	
Foreign Language			210.		
French	5, 6, 7.				
Speech	16.	108, 117, 123.	208, 228, 248, 250, 251, 294.	350, 360, 370, 375.	
Drama		112, 113, 116.	200, 212, 213, 220.	316, 330.	
Music	2, 10, 20, 52.	100, 149, 152, 158, 159, 193, 194, 196.	200, 201, 205, 210, 212, 214, 215, 218, 220, 223, 242, 244, 249, 250, 253, 256, 258, 262, 270, 271, 272, 274, 277, 295.	306, 310, 311, 319, 320, 323, 324, 325, 350, 360, 370, 380, 383, 384, 385.	420, 421.
Nursing	99.				
Science	3*, 4*, 5*.	109.	205, 207, 208.	330.	
Biology		151.	251, 253, 257.	357.	
Botany	22.	121, 122.	228.	322, 325.	
Chemistry	40, 41.	147.	242, 245, 280, 281, 282, 284.	346.	
Earth Science		130.	230, 232, 235, 236.		
Mathematics	24, 25, 31, 32, 33, 34, 35.		201, 202, 203, 222, 224, 232, 233, 242, 243, 250, 251.		
Mathematics Education			271, 275, 276.	372, 373, 374, 375.	
Physics	61, 63.	161, 164, 166.	262, 267.	361.	
Science Education			270, 271, 272, 273, 276, 277.	373, 375, 376.	
Zoology			212, 217.	315, 319.	
Social Science	81*, 82*, 83*.		200, 220.	330.	
Anthropology	20.			323.	
Economics	30.	102.	202, 205.	302.	
Geography	10, 48.		203, 226, 243, 244, 250, 260.	365, 370, 392.	
Political Science	40.	171.	274, 276.	377.	
Sociology	50.		203, 204, 291, 294.	302, 311.	
United States History	71, 72, 75.		209, 250, 252, 272.	363, 364.	
World History	31.		221, 234, 255, 261, 263, 266, 270.		

\* General Education courses required of all undergraduate students regardless of program.

‡ Advance Teacher Education program courses.

† Physical Education Activity Courses.

Course numbers are divided into five groups: (a) 1 to 99 are primarily for the first and second-year students; (b) 100 to 199 are primarily for third and fourth-year students; (c) 200 to 299 are primarily for fourth-year and graduate students; (d) 300 to 399 are for graduate students; (e) 400 to 499 are primarily for candidates for the doctorate. Please consult the schedule of classes on pages 17-30 for time, course title, hours credit, instructor and class location. Course description and division programs may be found in the 1963-64 General Catalog.

# Diamond Jubilee



Dr. Snyder



Dr. Crabbe

On April 1, 1889, the legislature of the infant state of Colorado passed a bill to establish a normal school in the fledgling town of Greeley. The State Normal School of Colorado, as it was called, culminated the dreams of pioneers who had looked to the west for a new life.

A part of this new life was a complete system of public education. Basic to this plan was a facility for the preparation of teachers for the public schools. For this reason, the normal school was established.

Seventy-five years later, a college and community grown far beyond the fondest expectations of the founding fathers, will celebrate the Diamond Jubilee of Colorado State College. Observance of the Jubilee will begin Fall Quarter, 1964.

The celebration will be planned largely to reflect the present status and future plans of the college. In addition, a new president, the fifth in the history of the college, will be inaugurated.

The evolution of Colorado State College is clearly marked by four eras of educational thought and philosophy and by the guidance of its four presidents.

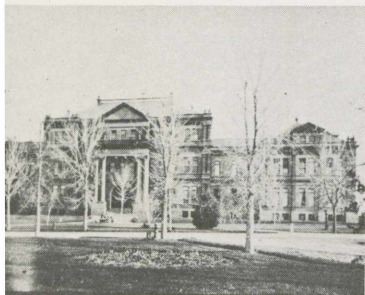
## Dr. Z. X. Snyder 1889 - 1915 The Normal School Era

When Dr. Snyder arrived from his native Pennsylvania, he was given the responsibility of creating a college from a nucleus of four faculty members, one newly completed building (the east wing of Cranford Hall), an enrollment of 76 students and 20 acres of campus growing little but sagebrush and cacti. Within 15 years the State Normal School was widely recognized throughout the nation. In the early days the academic program consisted generally of one and/or two years of study. In 1907 the Bachelor of Arts degree was offered for the first time. In 1910, the name of the school was changed to the State Teachers College of Colorado.

A pioneer in professional education, Dr. Snyder was instrumental in developing the plan to hire teaching "fellows," creating a junior college within the college, developing and promoting simplified spelling, organizing summer sessions, stimulating the growth of the kindergarten and promoting extension and correspondence programs.

As early as 1903, graduates were teaching in schools throughout the nation and in places as far away as the Philippines and Hawaii.

This period was one of physical expansion. Cranford Hall was enlarged and other structures were built during Snyder's tenure including sections of Kepner Hall, the original library, Student Union, Guggenheim Hall and the present Graduate Center. The student body of 76 grew to 647 by 1915 and the faculty of four expanded to 47. Dr. Snyder died in office in November, 1915.



Cranford Hall

## Dr. John G. Crabbe 1916 - 1924 State Teachers College Era

The administration of Dr. Crabbe, elected to the office in November, 1916, was highlighted by three important contributions to the growth of the college: developing a stable source of income for capital construction; a self-survey of academic and administrative programs; and the beginning of college housing for students. A nationally-recognized speaker, Dr. Crabbe toured the country pleading for an increase of teachers' salaries and for federal aid to education. During the eight Crabbe years, the east and west wings of Kepner Hall, and Crabbe Hall were added to the instructional facilities of the college.

Dr. Crabbe believed college housing for students should create a home-like environment and evidence of that philosophy was the construction of Gordon, Belford, and Decker Halls, near the intersection of 10th Avenue and 19th Street. During the Crabbe administration, enrollment increased nearly 130 per cent from 647 to 1,446 in the fall quarter, 1924; the faculty increased from 47 to 81 during the corresponding period. Like his predecessor, Dr. Crabbe died in office in February, 1924.

Decker Hall



## Dr. George W. Frasier 1924 - 1948 College of Education Era

Dr. George Willard Frasier became the college's third president in 1924 and under his presidency the college entered upon a new period of expansion and development. At the time of his appointment, he was 33 years old, the youngest college president in America at that time. Under Frasier's leadership the college became recognized as one of the nation's leading colleges for teacher education. Areas of special interest to him were development of the graduate program, the junior college, student affairs and the physical plant. Undaunted by the depression of the '30's or World War II, he moved the college's total program forward.

It was in the field of student relations that President Frasier was greatly interested and made numerous contributions. A system of standard approval for all off-campus residences was established. He encouraged the organization of the Associated Students and entrusted to it a great measure of autonomy. A complete student health service and a student loan program were launched.

## Diamond Jubilee

Improvements and changes were made within the college curriculum. Training schools were established in various Weld County districts. A reorganization of the instructional divisions was effected and a program of doctoral study was formulated in the early '30's. The Bachelor of Arts degree was enlarged to include a full liberal arts program. Other educational programs developed included a general education program required of all students, vocational and educational guidance, in-service education and the enlargements of correspondence study, extension work, and teacher placement. Midway through his term in 1935, the name of the college was changed to Colorado State College of Education.

Permanent tenure for faculty was introduced and the system of sabbatic leaves was refined. A group insurance plan added to the general welfare of the faculty. During the Frasier administration, the college constructed three units of faculty living quarters on campus which greatly increased the college's drawing power for outstanding faculty.

Dr. Frasier also provided vigorous leadership in the area of physical plant. Gunter Hall was the first building to be constructed under Frasier. Four more residence halls for women and three for men students were opened. The library was enlarged and completely remodeled. A new president's home was built and the old one converted into a music conservatory. The Jackson Field athletic complex was acquired, student union facilities were enlarged, and Garden Theater and the old heating plant (recently converted into the Arts Annex) were constructed.

During the Frasier administration, the student body grew to nearly 2,000 while the faculty increased to 116. Dr. Frasier retired in 1948 to devote more time to lecturing, writing and teaching. He died in 1958 at Phoenix, Ariz.



Dr. Frasier



Dr. Ross

### Dr. William R. Ross

1948 - 1964

### State College Era

Consistent and steady growth in the four major areas of the college—student affairs, faculty, curriculum and physical plant—are characteristic of the Ross Administration.

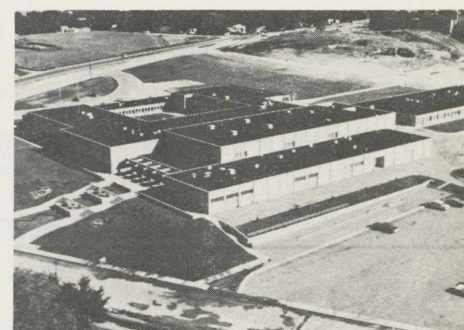
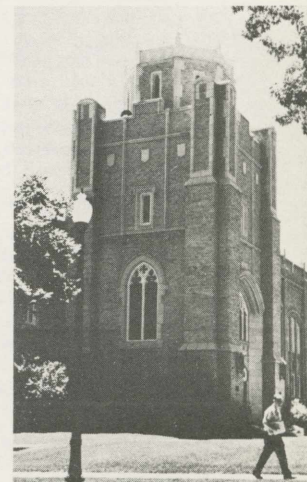
**Curriculum:** Just two years after his inauguration, Dr. Ross provided the leadership for a complete revision of curriculum which reduced the number of courses for all instructional divisions, increasing elective and liberal arts courses while decreasing methodology. A complete audio-visual library was established and funds were allocated for increasing the acquisitions of the library. Two new divisions, Air Science and Nursing, were added to the existing six academic divisions to enlarge the college's academic program. Other important contributions include the establishment of the Department of Special Education, Educational Planning Service, Bureau of Research Services, and Economic Education Center. Three new degree programs—the Bachelor of Science, Specialist in Education and Doctor of Philosophy degrees—were added to existing degree programs of the Bachelor of Arts, Master of Arts and Doctor of Education degrees. A system of teaching fellowships was established to supercede the former student intern plan, resulting in improved instruction. In 1957, the college's name was changed a fourth time when the title Colorado State College was adapted to reflect the broadening of the academic program.

**Faculty:** From the beginning of his administration, Dr. Ross directed attention to the need for faculty salary increases, and formulated a table of salaries. Faculty insurance was improved and an increased number of faculty was assigned to conduct off-campus classes for in-service teachers. During the Ross years, the college faculty grew from 116 to 263 or more than 126 per cent to keep pace with the rapid growth of the college.

**Student Affairs:** The growth of student population at CSC during the Ross Administration has been unprecedented in the college's history. From fewer than 2,000, enrollment has spiraled upward until it reached 4,906 during Fall Quarter 1963. Student services have been constantly enlarged to accommodate this great expansion. A new \$3,055,000 College Center will be the focal point of student services and activities when it is completed sometime during the 1964-65 academic year. Dr. Ross adopted and enlarged on Dr. Frasier's belief in the ability of students to govern themselves with a minimum of faculty supervision. Student health services were extended with the contractual agreement with the Weld County General Hospital.

**Physical Plant:** Expansion in this area is perhaps most noticeable as the college faced the nation-wide problem of expanding facilities to accommodate the exploding college population. Under Dr. Ross, the campus area nearly tripled with the acquisition of the 150-acre West Campus and 80-acre Mountain Campus near Estes Park. Nearly \$19,000,000 in capital construction has been allocated during the 16-year Ross administration including the \$5,348,000 earmarked for the College Center and Science Building, presently under construction. Residence halls designed to accommodate nearly 1,200 or more than 70 per cent of existing residence hall space (Wilson, Wiebking, Troxell, and McCowen Halls) were constructed. Other construction includes Frasier Hall, Bishop-Lehr Hall (laboratory school), the Service and Maintenance Building, and the new Heating Plant. All existing buildings at the time of Dr. Ross' inauguration have been remodeled or renovated. The campus will continue to expand under a long-range expansion program developed under the direction of Dr. Ross.

Gunter Hall



Bishop-Lehr Hall

# Special Courses

## Fine Arts

Course No.	Course Description	Date	No. Weeks
FA 228	Seminar in Secondary Art	July 6-17	(2)

The seminar is a survey and demonstration of new ideas in art techniques and materials essential to a secondary school art program. Student participation in selected areas. *(Two hours credit)*

FA 230	Seminar in Elementary Art	June 22-July 3	(2)
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This course is designed to give the graduate student a philosophy of art education; an understanding of and an opportunity to participate in the essential art activities for the elementary school; and to develop his interest and enthusiasm for the teaching of art. Emphasis is given to the creative approach and the integration of the art activities with the entire school program. *(Two hours credit)*

## Home Economics

HEC 244	Personal Improvement for the Teacher	June 22-July 10	(3)
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Emphasis will be given to the problems of the individual. Techniques for the development of positive mental health, expressive personality traits and attractive personal appearance will be stressed. *(Three hours credit)*

HEC 268	Family Housing	June 22-July 17	(4)
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Students will learn basic principles and acquire information needed for solving housing problems of typical family groups. Students consider the financing of housing, family needs, and procedures in buying, renting, and building. Plans are made for building and remodeling family housing units. *(Two hours credit)*

HEC 279	Preservation of Food I	June 22-July 17	(4)
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The principles and procedures of making jellies, jams, pickles, and relishes are studied. The purchase and care of home freezers and the problems of deep freezing foods will be discussed. *(Two hours credit)*

HEC 280	Preservation of Food II	July 20-August 14	(4)
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The second half of this two-phase workshop will explore the uses of open kettle, water bath, pressure cooker, and quick freeze methods of food preservation. Home methods of these types of food preservation will be practiced in the laboratory. *(Two hours credit)*

HEC 291	Managing Family Resources	See dates below.	(4)
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This workshop may be taken in two segments. Money management will be discussed during the first half, June 22-July 17, and the management of time and energy will be examined during the second half, July 20-August 14. *(Two hours credit each)*

HEC 294	Instruction Aids in Home Economics	See dates below.	(4)
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Also a two-part program, this workshop will feature display and projected materials during the first four weeks, June 22-July 17, and materials for listening and reading during the second four weeks, July 20-August 14. *(Two hours credit each)*

## Industrial Arts

IA 234	Teaching the Industrial Arts	July 6-17	(2)
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The problems in planning industrial arts courses and the philosophy, objectives, evaluation and school shop organization will be considered. *(Three hours credit)*

Course No.	Course Description	Date	No. Weeks
IA 254	Workshop in Industrial Arts for Elementary Schools	June 22-July 3, July 20-31	(2)

The development of basic skills through elementary work in wood, metals and other accessible metals is reviewed. The adaptation of work to classroom or small shop and creative work with limited equipment are discussed. *(Three hours credit) (Two sections.)*

## Business Education

BUED 280	Workshop in Business Education: Office Practice and Stenographic Skills	June 22-July 3	(2)
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The emphasis will be on trends in office equipment procedures, and the classroom application of research in psychology of learning related to typewriting, shorthand, and office practice. *(Three hours credit)*

BUED 281	Workshop in Distributive Education	June 22-July 3	(2)
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The emphasis will be on the effect of new vocational education legislation on distributive education programs. *(Three hours credit)*

## College Student Personnel Work

CSPW 252	Workshop for Residence Hall Directors and Housemothers	June 22-26	(1)
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This workshop will discuss the problems of management, counseling, discipline and food service which are faced by residence hall directors and fraternity and sorority housemothers. This workshop is especially helpful for the person entering the field. *(Two hours credit)*

CSPW 357	Financial Aids	June 29-July 10	(2)
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The philosophy, organization and procedures used in the area of a financial aids service for students will be studied. *(Three hours credit)*

## Educational Administration

ED 242	School Administration Workshop: Public Relations	July 13-17	(1)
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Public School administrative personnel will re-examine selected issues in education and their relationship to school and community understanding. Eminent educators and other citizens will be members of panels and will conduct a variety of workshop sessions. Panel discussions will include: (1) pressure groups, (2) issues in teacher preparation, (3) approaches to school and community understanding, (4) new ideas in school design and materials, and (5) employee welfare negotiations. The "how-to-do-it" workshop sessions will include: (1) determining news values in school information, (2) reporting school news, (3) planning and producing various publications for the various publics, school personnel and other citizens; (4) the mechanics of producing various publications including bulletins, reports and newspapers; and (5) utilization of graphic arts, photography, posters, TV and radio. Directors of the workshop are Dr. Arthur Partridge, Mr. Ford Cleere and Dr. William F. Hartman. Please write to the Department of Public Relations for additional details. *(Two hours credit)*

## Elementary Education

ED 220	Elementary Reading Workshop	June 22-July 3	(2)
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Concerned with the problems in the teaching of reading in the elementary school, the workshop program presented from time to time will vary according to guest lecturers. *(Three hours credit)*

## Special Courses

### Educational Psychology and Guidance

Course No.	Course Description	Date	No. Weeks
EPG 214	Guidance Workshop	June 17-26	(2)

The workshop is designed to provide concentration of time and study in a special problem in guidance. The needs and interests of class members will determine to a certain extent the course content. *(Three hours credit)*

### Special Education

SPED 201 and 211	Mental Retardation	June 29-July 24	(4)
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These workshops will be held for four weeks at the State Home and Training School at Wheatridge, a suburb of Denver, Colorado. It will feature lectures, demonstrations and observation under the direction of Miss Dorothy Pasch, a member of the guest faculty and Dr. Tony Vaughan, director of special education at CSC. Topics to be discussed are problems of mental retardation, overall objectives of education, total life history approach to mental retardates and the role of the family and parent organizations. A limited number of students may live at the Home; however, it is not essential to do so. For additional information write to Dr. Vaughan. *(Eight credit hours)*

### Health, Physical Education and Recreation

HPER 65	Senior Life Saving	June 17-July 17	(5)
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*(One hour credit)*

HPER 66	Water Safety Instructor's Course	July 20-August 19	(5)
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*(One hour credit)*

HPER 247	Advanced Techniques of Teaching Team Sports	See dates below	(1)
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These two workshops are designed to assist the high school or college teacher with special problems of teaching and officiating team sports. *June 22-26* Dr. Pete Butler will host the workshop in baseball. *July 13-17*. Mr. John Hancock will lead the workshop in wrestling. *(Two hours credit each)*

HPER 260	Scientific Principles of Coaching	August 3-14	(2)
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This workshop is primarily for the athletic coach to assist him in the teaching and coaching the usual major sports of the school competitive sports program. Mechanical principles involved in developing techniques for sport competition will be reviewed. *(Four hours credit)*

HPER 264	Sports Officiating for Men	See dates below	(1)
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Designed to assist coaches, administrators and officials, these workshops will consider general principles and philosophy of officiating as well as the study of the mechanics of officiating the sports of a school program. *July 20-24* Mr. William Heiss will direct the football workshop. *July 27-31* Dr. George Sage will conduct a basketball workshop. *(Two hours credit each)*

HPER 265	Advanced Techniques in Teaching Football to Men	July 6-10	(1)
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Mr. William Heiss, CSC's head football coach, will lead the workshop in a discussion of the special problems in the organization, strategy and personnel of football. *(Two hours credit)*

HPER 266	Advanced Techniques in Teaching Basketball to Men	June 29-July 3	(1)
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Dr. George Sage, head basketball coach at CSC, will lead the workshop in a discussion of the special problems connected with the organization, strategy and personnel of basketball. *(Two hours credit)*

### Speech

Course No.	Course Description	Date	No. Weeks
SP 248	Workshop in Speech Education: Directing High School Forensics	June 29-July 10	(2)

Such areas of interest as curriculum, class instruction projects, co-curricular speech activities, remedial techniques and evaluation will be among the topics for discussion in this workshop. The areas to be covered in any session will be determined by the interests and needs of the group or by previous announcement. *(Three hours credit)*

### Music

MUS 200	Workshop in Chorus and Orchestra	July 13-24	(2)
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The summer of 1964 marks the third annual seminar in orchestra and chorus conducted by the Division of Music. The general purpose of the seminar is to provide an opportunity for music students to participate in the study and performance of selected large works for chorus and orchestra by major composers. The work studied and performed in 1962 was the Verdi *Requiem* conducted by Roger Wagner; in 1963 the Brahms *Requiem* conducted by Stanley Chapple.

The 1964 seminar will probably feature literature selected from the outstanding operas. Dr. Chapple will return to us as guest conductor. His wide experience as both conductor of opera and symphony, his excellence as a lecturer, and his general knowledge and wide interest in music education, makes him eminently qualified to work with teachers. The two-week seminar will again culminate in a public performance of the works studied.

Dr. Chapple served as a coach with the late Sir Thomas Beecham; he worked for many years as assistant to Serge Koussevitsky; he has conducted nearly all of the major orchestras in the United States and Europe; he is presently conductor of the Symphony Orchestra and Opera at the University of Washington, Seattle.

Inquiries concerning the detailed schedule of seminar activities may be addressed to E. E. Mohr, Chairman, Division of Music. *(Three hours credit)*

MUS 158	History of Music I	June 17-July 18	(5)
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Prerequisites, MUS 2, 3, 4. The historical changes in music from earliest times to the end of the sixteenth century with emphasis on the changes in style. *(Two hours credit)*

MUS 159	History of Music II	July 20-Aug. 21	(5)
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Prerequisite, MUS 158. A study of historical changes which took place in music in the Baroque Period (1600-1750) and the Classic Period (1750-1800) with emphasis on changes caused by the new Monodic style found in opera, and the beginning of instrumental music. *(Two hours credit)*

### Science

SCI 207	Aerospace Education Workshop	July 6-17	(2)
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The purpose of this course is to provide the elementary and secondary teacher with a general background in aviation and an understanding of the air and space age. Subject matter will include the elementary concepts of aircraft, rocket and satellite development, weather, navigation, theory of flight, and aviation in education. *(Three hours credit)*

# Special Courses

Course No.	Course Description	Date	No. Weeks
SCI 208	Elementary Science Workshop	July 27-August 7	(2)

Provision is made for public school groups and individual teachers to organize science activities in their schools. Visual aids, laboratory materials, demonstrations, experiments, discussions, museums, children's literature, field trips and professional literature will be considered within the total program. (Three hours credit)

BIO 257	Conservation of Natural Resources	June 22-July 3	(2)
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A study of the relation of natural resources to the development of man and his culture. Units of study are organized on soil, water, forests and forest products. Range management, wildlife, and mineral resources are also covered. (Four hours credit)

CHEM 40	Principles of Chemistry I	June 17-July 17	(5)
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This course introduces the student to the principles of chemistry, together with some descriptive chemistry, to illustrate these principles. (Five hours credit)

CHEM 41	Principles of Chemistry II	July 20-August 21	(5)
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Prerequisite, CHEM 40. This course is a continuation of the principles of chemistry, together with the descriptive chemistry necessary to illustrate these principles. (Five hours credit)

ESCI 230	Common Minerals and Rocks	July 13-25	(2)
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A laboratory course in the recognition of common minerals and rocks. Each student will collect and prepare a set of specimens for his classroom. (Three hours credit)

NSF-CSC	Summer Institute in Biology for Secondary Teachers	June 15-August 21	(10)
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Operated under a National Science Foundation grant, the institute will offer four courses for a total of 16 quarter hours credit. Courses to be taught by CSC science resident and guest faculty include BIO 296, Ecological Principles, six hours credit; BIO 297, Basic Genetics, four hours credit; BIO 298, Plant Growth, Development and Regulation, four hours credit; and BIO 299, Seminar in Scientific Inquiry, two hours credit. Primary purpose of the institute is to prepare secondary teachers for the use of the green version (ecological approach) and the block studies of animal behavior and the regulation in plants by hormones as established by the BSCS. Applications are due by February 15. Write to Dr. Robert B. Sund, director of the institute, for additional information. (Sixteen hours credit.)

## Mathematics

MATH 25	Plane Trigonometry	June 17-July 17	(5)
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Prerequisite, MATH 24. A course which develops the trigonometric functions and their application, both theoretical and practical, in the solution of the triangle. Special emphasis is put upon the logarithms and their use in computation in the solutions of the triangle and other problems. (Five hours credit)

MATH 31	Calculus with Analytic Geometry I	July 20-August 21	(5)
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Prerequisite, MATH 25. A combined course in Analytic Geometry and Calculus, fundamental principles of beginning analytic geometry, including different forms of the equations of a straight line, are developed. Elementary

phases of both differential and integral calculus, along with various applications of these subjects, are considered. (Five hours credit)

MATH 32	Calculus with Analytic Geometry II	June 17-July 17	(5)
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Prerequisite, MATH 31. A continuation of MATH 31 of differential and integral calculus combined with analytic geometry, together with applications from all three fields. Special emphasis in calculus on transcendental functions, and an analytic geometry on conic sections. (Five hours credit)

MATH 33	Calculus with Analytic Geometry III	July 20-Aug. 21	(5)
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Prerequisite, MATH 32. The third course in the sequence of five courses in analytic geometry and calculus. Curve tracing is considered in analytic geometry, while the principal emphasis in calculus is on integration and formal procedures in integration. (Five hours credit)

MATH 34	Calculus with Analytic Geometry IV	June 17-July 17	(5)
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Prerequisite, MATH 33. This is the fourth course in the sequence of five courses in calculus with analytic geometry. Infinite series, hyperbolic functions and partial differentiation are the main topics in calculus, with emphasis on solid analytic geometry in that area. (Five hours credit)

MATH 35	Calculus with Analytic Geometry V	July 20-August 21	(5)
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Prerequisite, MATH 34. The final of a series of five courses in elementary analytic geometry and calculus, this course delves into such topics as multiple integrals, differential equations, and vector analysis. (Three hours credit)

## Social Science

WHS 270	History of Russia	June 17-July 17	(5)
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Social, political, and economic history of Russia, with emphasis on the nineteenth and twentieth centuries. Considerable attention will be given to the various factors which contributed to or influenced the revolutions of 1905 and 1917. Considerable time will also be devoted to the post-revolution policies of Russia. (Five hours credit)

GEOG 392	Syracuse University Summer Field Course in Geography	August 3-28	(4)
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This course is an extensive field study of climatology and water utilization. The course will be open to Syracuse University graduate students although CSC will register under the above course number and title. To enroll, applicants must be graduate students at CSC at least two quarters prior to Summer Quarter and must have the permission of the CSC Geography staff. Cost of the field course is tuition and room and board, or about \$200. All inquiries concerning the program should be directed to Dr. Herbert Lundin, Social Science Division, CSC. (Eight hours credit)

## Non-Academic

Custodial School	June 15-19
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This annual school will feature instruction in stationary engineering and electricity, fire safety and control, building housekeeping, hardware, plumbing and maintenance. Total cost is \$45, which includes all fees, housing and meals. For additional information, write to Director, Custodial School, CSC.

Frontiers of Science	June 22-Aug. 14
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Conducted for the gifted high school student. The Frontiers of Science Institute will discuss advanced theories and new information in the fields of the biological and physical sciences. The institute is scholarship-sponsored and will not duplicate high school courses. For details, write to Dr. LeRoy Kerns, Institute Director, Laboratory School, CSC.



# Special Courses - Study-Travel Plans

Course No.	Course Description	Date	No. Weeks
SS 220	European Contributions to American Culture	June 17-August 19	(10)

This summer, CSC is combining forces with the Institute for European Studies to offer the opportunity of international education. Combining five weeks of study on campus with a 30-day study-tour of Western Europe, this program will trace the historical, economic and artistic influences of Europe on American culture.

Students may earn 11 or 15 hours academic credit, depending on the program they choose. The credit may be applied toward a graduate or undergraduate degree with prior approval of the academic advisor and major department. New graduate students must apply for admission to a formal degree program. Students from other institutions must make arrangement with their own college or university for transfer of credit.

After five weeks of concentrated study on campus with faculty members from the Humanities and Social Science divisions, students will embark on a 30-day tour via jet from Denver. Countries to be included in the tour are Great Britain, the Netherlands, Belgium, West Germany, Austria, Switzerland, Italy and France. Representatives from the Institute of European Studies will lecture to the group at specified areas throughout Europe.

Travel costs from Greeley to Greeley is \$1,215. All travel to and from Europe will be by jet. Transportation in Europe will be by rail, bus and water.

Dr. Dean A. Arnold is tour director. Please contact Dr. Arnold or Dr. Sam Gates, dean of the graduate division, for additional information. All applications must be submitted no later than March 1, 1964. (Fifteen or eleven hours credit)

USH 272	Contemporary American Foreign Policy	June 6-16	(2)
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The course examines American foreign policy by visiting Washington, D. C., and the United Nations at New York City. In Washington the class hears lectures at the State Department and observes the Foreign Relations committees of both Houses of Congress. At the United Nations headquarters in New York the class is briefed on America's role in the world organization. Total cost of this course will be \$215 plus tuition, to be paid as follows: \$25 in advance reservation deposit before May 1 and the remainder before May 15. Students will not need housing in Greeley because the class departs by train on registration day (June 6) and returns on June 16. The course may be taken either as a single three-hour course or as three hours of a student's program for the summer quarter. For further information, contact Dr. Arthur Reynolds, Division of the Social Science, CSC. (Three hours credit)



British House of Parliament and Big Ben

United Nations Assembly



Students relax over a cup of coffee at the Graduate Center.



Stanley Chapple, highly respected West Coast conductor, will be featured again this year in the seminar in Chorus and Orchestra.



# Summer Faculty



Ross



Decker



Gates



Hartman



Shaw



Turner



Sanderson



Hause

William R. Ross, Ph.D., LL.D., <i>President of the College</i> .....	Frasier 203
Donald G. Decker, Ph.D., Sc.D., <i>Dean of the College and Director of Summer School</i> .....	Frasier 203
Sam G. Gates, Ed.D., <i>Dean of the Graduate Division</i> .....	Frasier 207
William F. Hartman, Ed.D., <i>Director of Public Relations</i> .....	Frasier 108
Jack Shaw, Ph.D., <i>Dean of Students</i> .....	Frasier 119
Glen C. Turner, M.B.A., <i>Comptroller</i> .....	Frasier 5
George F. Sanderson, A.M., <i>Registrar</i> .....	Frasier 123
J. Gilbert Hause, Ed.D., <i>Administrative Assistant</i> .....	Frasier 201

Chester Hausken, Ed.D.	Kepler 114
Ramon P. Heimerl, Ph.D.	Kepler 6B
Mildred Hillestad, Ph.D.	Cranford 209
Tyrus Hillway, Ph.D.	Cranford 114
Herbert H. Hughes, Ph.D.	Kepler 114
Frank R. Jamison, M.S.	Carter 205
Leo J. Kelly, Ed.D.	Bishop-Lehr 145A
Eugene D. Koplitz, Ph.D.	Cranford 6
Klaas Kramer, Ph.D.	Cranford 106
Frank P. Lakin, Ed.D.	Frasier 207
Juanita Lewis, Ph.D.	Cranford 112
Betty L. Lowry, Ph.D.	Cranford 112
Arno H. Luker, Ed.D.	Cranford 11
John H. Meier, M.A.	Cranford 11
James B. Miles, M.S.	Carter 205
Lola L. Montgomery, Ed.D.	Cranford 11
Gaylord D. Morrison, Ed.D.	Cranford 113
Alvin O. Mosbo, Ed.D.	Cranford 106
Daniel McAlees, Ph.D.	Bishop-Lehr 142
Theodore M. Nelson, Ph.D.	Cranford 15
Glendon P. Nimnicht, Ed.D.	Kepler 113
Norman Ted Oppelt, Ph.D.	Frasier 121
William Oliver, Ed.D.	Bishop-Lehr 142
Arthur Partridge, Ed.D.	Kepler 113
Claire Quinlan, M.A.	Cranford 15
Donald H. Reichert, M.A.	Cranford 110
Joe C. Roberts	Cranford 211
Duston Scudder	Cranford 211
Jack N. Sparks, Ph.D.	Kepler 114
James A. Stoffer, M.A.	Cranford 8
June E. Stuckey, Ph.D.	Frasier 121
Tony Dale Vaughan, Ed.D.	Bishop-Lehr 147
Leonard C. Walsh, Ed.D.	Kepler 113
Gladys P. Whorton, Ph.D.	Bishop-Lehr 145B

<b>LABORATORY SCHOOL</b>	
LeRoy Kerns, Ed.D.	Bishop-Lehr 112A
Director	
Arthur L. Anderson, M.A.	Bishop-Lehr 218A
George H. Brooks, M.Ed.	Bishop-Lehr 202A
Edith Brummer, B.S.	Bishop-Lehr 211A
Hazel Dalbey, M.A.	Bishop-Lehr 222A
Marjorie Harkness, Ed.D.	Bishop-Lehr 222A
Bernice Hunn, Ed.D.	Bishop-Lehr 126A
Ivo E. Lindauer, M.A.	Bishop-Lehr 103A
Robert Longwell, A.M.	Bishop-Lehr 204A
Arlene Marro, M.A.	Bishop-Lehr 122A
Morris Mower, M.S.	Bishop-Lehr 220A
Louise Neal, Ed.D.	Bishop-Lehr 113A
William A. Rupp, M.S.	Bishop-Lehr 104
Rex R. Schweers, M.A.	Bishop-Lehr 203A
Dorris Trigg, M.S.	Bishop-Lehr 124A

<b>LIBRARY STAFF</b>	
Daniel Seager, M.A.	Carter 208
Head Librarian	
Irene Bogan, B.S.L.S.	Carter 211
Lois Brown, A.M.	Carter 209
Virginia Costello, A.M.	Carter 401
James Greer, M.A.	Carter 211
Josephine Hall, M.A.L.S.	Carter 307
Gabor Kovacs, M.A.	Carter 207
Bettie Powell, M.A.	Carter 211
Winnifred Richardson, M.A.	Carter 401
Mary Rider, B.S.L.S.	Carter 401
Vivian Tilden, M.A.	Carter 211

<b>HEALTH AND PHYSICAL EDUCATION</b>	
L. C. Butler, Ed.D.	Gunter 109A
Division Chairman	
Mary A. Behling, M.A.	Gunter 103A
Warren (Bud) Best, M.A.	Gunter B-4
Robert L. Blasi, A.M.	Gunter B-4
Vincent A. Cyphers, Ed.D.	Gunter 103B
Howard G. Danford, Ed.D.	Gunter 103B
Ernest W. Degutis, Ed.D.	Gunter 103C
Margaret Elizabeth Everett, Ph.D.	Gunter 109C
John Hancock, M.A.	Gunter 106
William Heiss, M.A.	Gunter 4
Jack J. LaBonde, M.A.	Gunter 4
Jessie Latham, M.A.	Gunter 109B
Virgil F. Lindahl, A.M.	Gunter 3
Gloria Minney, M.A.	Gunter 109C
Robert Montgomery, Ed.D.	Gunter 5
George Sage, Ed.D.	Gunter 2
Max Shirley, Ed.D.	Gunter 103D
Wesley Staton, Ed.D.	Gunter 103C
Doris Steffy, M.A.	Gunter 114
Nancy Van Anne, Ph.D.	Gunter 109C

<b>ARTS</b>	
Kenneth Perry, Ph.D.	Gugg. 101
Division Chairman	
Richard Ball, M.A.	Gugg. 202
Watson Bidwell, M.A.	Gugg. 202
Harry E. Collins, Ed.S.	Frasier 7
Eileen Dean, M.S.	Crabbe 307
William Erwin, Ed.D.	Arts Annex 200
Phillip L. Gleb, M.A.	Gugg. 103
Rhoda Hall, M.S.	B. L. 111A
David L. Jelden, Ed.D.	Arts Annex 100
F. Morris Johnson, Ed.D.	Arts Annex 100
Frederick D. Kagy, Ed.D.	Gugg. 101
J. Max Lubbers, A.M.	Carter 203
Vera L. Newburn, M.S.	Crabbe 208
David Olson, M.A.	B. L. 152A
Allen Platner, Ed.D.	Gugg. 103
Alberta Reitz, M.S.	Kepler 12
Herbert Schumacher, M.F.A.	Gugg. 102
LaVerne Thomas, Ph.D.	Crabbe 308
Fran Truckess	Gugg. 101
John Tryba, M.A.E.	B. L. 100A
Welby Wolfe, Ed.D.	Frasier 69

<b>EDUCATION</b>	
Edward J. Kelly, Ph.D.	Cranford 106
Division Chairman	
Verne Ahlberg, A.M.	B. L. 145C
Darrell Anderson, Ph.D.	B. L. 138B
Alvin E. Barnhart, Ed.D.	Kepler 113
Howard Blanchard, Ed.D.	Cranford 11
John Bothell, Ed.D.	Cranford 110
Stanley Bourgeault, M.A.	B. L. 130
Harold Bowman, Ed.D.	Carter 205
Donald Chaloupka, Ed.D.	B. L. 108A
John M. Chrismer, Ed.D.	Cranford 107
Amos L. Claybaugh, Ed.D.	B. L. 118A
Susan Clevenger, Ed.D.	Cranford 6
Patrice Costello, M.A.	B. L. 146
John M. Courtney, A.M.	B. L. 114C
John A. Damgaard, Ed.D.	Cranford 107
Irvine Forkner, Ph.D.	Kepler 6
James P. Forrester, M.A.	Frasier 115
Stanley Fudell, Ed.D.	B. L. 145D
John B. Fulbright, Ed.D.	Frasier 127
Glen S. Gagon, D.Ed.	Cranford 114
Bea Hansen, M.A.	Cranford 209

## HUMANITIES

Forrest W. Frease, Ph.D.	Carter 402
Division Chairman	
Shirley M. Carrier, Ed.D.	Bishop-Lehr 206A
Ford W. Cleere, M.A.	Frasier 108
Neal Cross, Ed.D.	Carter 402
Ray L. DeBoer, Ed.D.	Kepler 104A
Sam F. Freeman, Ph.D.	Carter 206
George G. Gates, Ed.D.	Carter 306
Robert S. Graham, Ph.D.	Carter 504
John W. Harrison, Ph.D.	Carter 306
Donald L. Holley, Ed.D.	Kepler 208
Chester C. Huff, Jr., A.M.	Carter 501
Kenneth L. Jones, M.A.	Bishop-Lehr 166A
Leonard P. Landry, B.A.	Carter 404
Helen Langworthy, Ph.D.	Frasier 70
Wendell R. Starr, Ph.D.	Carter 210A
Sylvester Toussaint, Ph.D.	Kepler 208

## MUSIC

E. E. Mohr, Ed.D.	Frasier 159
Division Chairman	
Stanley Chapple, D.M.	Frasier 159
Dale Dykins, M. Mus.	Frasier 156
Kenneth Evans, Ph.D.	Frasier 254
John H. Fluke, Ed.D.	Frasier 166
Don Garlick, D.M.A.	Frasier 52
Marvin R. George, M.A.	Frasier 170
Blanche Ginsburg, A.B.	Frasier 152
Rupert M. Goodbrod, M.A.	Frasier 154
Joseph Himmel, M.M.	Frasier 252
Rita Hutcherson, Ph.D.	Frasier 155
Ralph R. King, Ed.D.	Frasier 49
Anthony Menk, M.A.	Frasier 151
Howard M. Mickens, M.M.	Frasier 251
James E. Miller, Ph.D.	Frasier 53
Wayne Moore, Ed.D.	Frasier 153
Walter A. Schenkman, M.M.	Frasier 152
Claude M. Schmitz, A.M.	Frasier 150
Howard Skinner, D. Mus.	Frasier 253
Eleanor Tipton, Ed.D.	Frasier 167
Wayman E. Walker, M. Mus.	Frasier 50

## NURSING

L. Elaine McMinn, M.S.	Frasier 104
Division Chairman	
Jean Carlson, M.S.	Frasier 103

## THE SCIENCES

Harley Glidden, Ph.D.	Cranford C.
Division Chairman	
Wallace Aas, M.A.	Cranford 100A
Frank W. Anders, M.S.	Cranford 5
John A. Beel, Ph.D.	Cranford 100B
Forest N. Fisch, A.M.	Cranford E
Richard K. Fry, Ph.D.	Cranford 5
John K. Gapter, M.S.	Cranford 305
Janet Greer, M.S.	Cranford 5
Robert G. Hamerly, M.S.	Cranford 105
Stuart Hayes, A.B.	Cranford 113
Robert L. Johnson, M.S.	Cranford 5
William G. Koch, Ph.D.	Cranford A
Arthur D. Moinat, Ph.D.	Cranford 305
Dale O. Patterson, Ph.D.	Cranford F
William D. Popejoy, Ed.D.	Cranford F
Maynard N. Stamper, Ph.D.	Cranford 305
Robert B. Sund, Ed.D.	Cranford B
Oscar Tollefson, Ph.D.	Cranford 305
Gordon Tomasi, Ph.D.	Cranford 105
Leslie Trowbridge, Ph.D.	Cranford B
A. M. Winchester, Ph.D.	Cranford 105
Dale E. Woerner, Ph.D.	Cranford A

## SOCIAL SCIENCES

Arthur R. Reynolds, Ph.D.	Kepler 201
Division Chairman	
Dean A. Arnold, Ph.D.	Kepler 202
Benjamin Byerly, M.A.	Kepler 212
Harald P. Christensen, Ph.D.	Kepler 202
Frank Koller, M.A.	Kepler 220A
Robert W. Larson, Ph.D.	Kepler 211
Herbert J. Lundin, Ph.D.	Kepler 220A
Stanley Matoren, M.A.	Kepler 211
John R. Mickey, B.S.	Kepler 202
Pauline C. Pogue, M.A.	Kepler 212
Francis R. Quammen, A.M.	Kepler 202
Robert L. Rothweiler, Ph.D.	Kepler 211
Edward Tomich, Ph.D.	Kepler 212
Orvel L. Trainer, Ph.D.	Frasier 68
Lee R. West, M.A.	Kepler 220A
Gary Willoughby, M.A.	Kepler 201

# Interdivisional - Arts

## 1964 Summer Class Schedule

Section Course No.	Division, Time and Course Title	Hours Credit	Instructor	Days	Building and Room
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### Interdivisional Courses

#### 7:10-8:00 a.m. — Interdivisional

0300 1	Writing Laboratory for Graduate Students	0	Huff	MTWThF	Kepner 101
300- 1	Introduction to Graduate Study (Education)	3	Chaloupka	MWF	Bishop-Lehr 166

#### 8:10-9:00 a.m. — Interdivisional

0300- 2	Writing Laboratory for Graduate Students	0	Huff	MTWThF	Kepner 101
300- 2	Introduction to Graduate Study (Arts)	3	Perry	MWF	Gugg. 105
300-22	Introduction to Graduate Study (Business Education)	3	Hillestad	MWF	Crabbe 305
300-32	Introduction to Graduate Study (Education)	3	Chaloupka	MWF	Bishop-Lehr 166
300-42	Introduction to Graduate Study (HPER)	3	Butler	MWF	Gunter 201
300-52	Introduction to Graduate Study (Humanities)	3	Frease	MWF	Kepner 103
300-62	Introduction to Graduate Study (Music)	3	Mohr	MWF	Frasier 249
300-72	Introduction to Graduate Study (Science)	3	Glidden	MWF	Cranford 108
336- 2	Practicum in Programmed Learning and Other Related New Media	3	Hughes	MTWThF	Kepner 114
400- 2	Introduction to Doctoral Research	3	Hillway	MWF	Carter 304

#### 9:10-10:00 a.m. — Interdivisional

300- 3	Introduction to Graduate Study (Arts)	3	Erwin	MWF	Crabbe 101
400- 3	Introduction to Doctoral Research (Arts)	3	Perry	MWF	Gugg. 105

#### 12:10-1:00 p.m. — Interdivisional

0300- 6	Writing Laboratory for Graduate Students	0	Starr	MTWThF	Kepner 101
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#### 1:10-2:00 p.m. — Interdivisional

0300- 7	Writing Laboratory for Graduate Students	0	Harrison	MTWThF	Kepner 103
300- 7	Introduction to Graduate Study (Social Science) (1-4 p.m.)	3	Quammen	T	Kepner 218

#### 2:10-3:00 p.m. — Interdivisional

0300- 8	Writing Laboratory for Graduate Students	0		MTWThF	Kepner 101
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#### 3:10-4:00 p.m. — Interdivisional

0300- 9	Writing Laboratory for Graduate Students	0		MTWThF	Kepner 101
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### Division of the Arts

#### Hours Arranged — Arts

HEC 192-70	Home Management Residence (Lab. 6 hrs. arr.)	3	Dean	MTWThF	Cottage
HEC 261-70	Participation in Preschool (1 hour conference per week plus 6 hrs. lab. arr.)	3	Reitze	Arr.	Kepner 12

#### 7:10-8:00 a.m. — Arts

FA 117- 1	Pottery (Lab. 3 hrs. arr.)	3	Schumacher	MWF	Gugg. 106
FA 127- 1	Craft Techniques (Lab. 3 hrs. arr.)	3	Ball	MWF	Gugg. 206
FA 305- 1	Advanced Color Theory (Lab. 4 hrs. arr.)	4	Bidwell	MTWTh	Gugg. 201
FA 336- 1	Advanced Drawing (Lab. 3 hrs. arr.)	3	Platter	MWF	Gug. 1
HEC 203- 1	Development and Guidance of the Young Child (Lab. 2 hrs. arr.)	3	Reitze	MW	Carter 304
HEC 279- 1	Preservation of Food I (Jelly, Deep Freeze) (June 22-July 17)	2	Newburn	MTWThF	Crabbe 202
HEC 280- 1	Preservation of Food II (Open Kettle, Botulism) (July 20-August 14)	2	Newburn	MTWThF	Crabbe 202
IA 110- 1	Bookbinding (Lab. 3 hrs. arr.)	3	Olson	MWF	Carter 203
IA 143- 1	News Photography (Lab. 2 hrs. arr.)	2	Kagy—Waters	TTh	Kepner 4
IA 264- 1	Industrial Arts Design (Lab. 3 hrs. arr.)	3	Mickish	MWF	Gugg. 200
IA 281- 1	Problems of Teaching General Shop Electricity (Lab. 3 hrs. arr.)	3	Jelden	MWF	Art Annex 300
IA 282- 1	Motors, Generators, and Electrical Wiring (Lab. 2 hrs. arr.)	2	Jelden	TTh	Art Annex 300
IA 335- 1	Philosophy of Industrial Arts	3	Perry	MWF	Gugg. 105
IA 362- 1	Problems in Drafting and Planning (Lab. 3 hrs. arr.)	3	Collins	MWF	Crabbe 102

#### 8:10-9:00 a.m. — Arts

FA 54- 2	Drawing and Painting Techniques (Lab. 3 hrs. arr.)	3	Tryba	MWF	Bishop-Lehr 100
FA 124- 2	Elementary Art (Lab. 5 hrs. arr.)	5	Trucksess	MTWThF	Gugg. 100
FA 208- 2	Sculpture (Lab. 3 hrs. arr.)	3	Schumacher	MWF	Gugg. 106
FA 303- 2	Advanced Watercolor Painting (Lab. 2 hrs. arr.)	2	Mickish	TTh	Gugg. 200
FA 315- 2	Craft Trends in the Secondary School (Lab. 2 hrs. arr.)	2	Ball	TTh	Gugg. 206
FA 316- 2	Crafts for the Secondary School (Lab. 3 hrs. arr.)	3	Ball	MWF	Gugg. 206
HEC 291- 2	Managing Family Resources (Money) (June 22-July 17)	2	Dean	MTWThF	Crabbe 302

### ARTS



Perry  
Chairman



Ball



Bidwell



Collins



Dean



Erwin



Gleb



Hall, R.



Jelden



Johnson, M.



Kagy



Lubbers



Newburn



Olson

# The Arts

## 1964 Summer Class Schedule



Platter



Reitze



Schumacher



Thomas



Tryba



Waters



Wolfe

### EDUCATION



Kelly, E.  
Chairman



Ahlberg



Anderson, D.



Barnhart



Blanchard



Bothell

Course No.	Section No.	Time and Course Title Division,	Hours Credit	Instructor	Days	Building and Room
<b>8:10-9:00 a.m. — Arts, continued</b>						
HEC	291-22	Managing Family Resources (Time and Energy) (July 20-August 14)	2	Dean	MTWThF	Crabbe 302
HEC	303-2	Curriculum in Homemaking	4	Hall	MWThF	Crabbe 304
IA	161-2	Principles of Drafting (Unit B) (Lab. 3 hrs. arr.)	3	Olson	MWF	Crabbe 102
IA	217-2	Design Problems in Synthetic Materials (Lab. 2 hrs. arr.)	2	Lubbers	TTh	Carter 203
IA	219-2	Advanced Plastics (Lab. 3 hrs. arr.)	3	Lubbers	MWF	Carter 203
IA	230-2	History of Industrial Arts	4	Erwin	MTThF	Crabbe 106
IA	243-2	Advanced Theory and Practice in Offset Lithography (Lab. 3 hrs. arr.)	3	Kagy	MWF	Kepner 4
IA	272-2	Advanced Gas and Electric Welding (Lab. 3 hrs. arr.)	3	Johnson	MWF	Art Annex 100
IA	380-2	Electronics (Lab. 5 hrs. arr.)	5	Jelden	MTWThF	Art Annex 300
ID	300-2	Introduction to Graduate Study	3	Perry	MWF	Gugg. 105

### 9:10-10:00 a.m. — Arts

FA	104-3	Commercial Design and Poster (Lab. 2 hrs. arr.)	2	Platter	TTh	Gugg. 201
FA	123-3	Art Education for the Secondary School (Lab. 3 hrs. arr.)	3	Tryba	MWF	Bishop-Lehr 100
FA	124-3	Elementary Art (Lab. 5 hrs. arr.)	5	Trucksess	MTWThF	Gugg. 100
FA	202-3	Advanced Composition (Lab. 3 hrs. arr.)	3	Platter	MWF	Gugg. 206
FA	203-3	Watercolor Painting (Lab. 5 hrs. arr.)	5	Mickish	MTWThF	Gugg. 200
FA	221-3	Art History I	3	Bidwell	MWF	Gugg. 201
FA	317-3	Ceramics (Lab. 3 hrs. arr.)	3	Schumacher	MWF	Gugg. 106
HEC	209-3	New Trends in Nutrition	3	Newburn	MWF	Crabbe 202
HEC	268-3	Family Housing (June 22-July 17)	2	Dean	MTWThF	Crabbe 304
HEC	293-3	Adult Education in Homemaking	3	Hall	MWF	Crabbe 302
HEC	307-3	Clothing Economics	4	Thomas	MWThF	Crabbe 301
IA	150-3	Woodwork (Lab. 3 hrs. arr.)	3	Gleb	MWF	Gugg. 4
IA	272-3	Advanced Gas and Electric Welding (Lab. 3 hrs. arr.)	3	Johnson	MWF	Art Annex 100
IA	274-3	Advanced Machine Tool Operation (Lab. 2 hrs. arr.)	2	Johnson	TTh	Art Annex 100
IA	331-3	A Critique of Modern Industrial Arts	3	Kagy	MWF	Crabbe 305
IA	336-3	Critique for General Shop Organization	3	Hall	MWF	Crabbe 106
ID	300-3	Introduction to Graduate Study	3	Erwin	MWF	Crabbe 101
ID	400-3	Introduction to Graduate Study	3	Perry	MWF	Gugg. 105

### 10:10-11:00 a.m. — Arts

FA	124-4	Elementary Art (Lab. 5 hrs. arr.)	5	Trucksess	MTWThF	Gugg. 100
FA	219-4	The Silk Screen Printing Process (Lab. 3 hrs. arr.)	3	Ball	MWF	Gugg. 205
FA	220-4	Oil Painting (Lab. 5 hrs. arr.)	5	Bidwell	MTWThF	Crabbe 106
FA	301-4	Supervision of Art	3	Platter	MWF	Gugg. 201
FA	335-4	Advanced Life Drawing (Lab. 2 hrs. arr.)	2	Mickish	TTh	Gugg. 200
HEC	72-4	Elementary Clothing Construction (Lab. T 9-12 Th 11-12)	3	Thomas	Th	Crabbe 301
HEC	284-4	Demonstration Techniques	2	Newburn	TWThF	Crabbe 202
HEC	294-4	Instruction Aids in Home Economics (Part I: Display and Projected Materials) (June 22-July 17)	2	Hall	MTWThF	Crabbe 304
HEC	294-24	Instruction Aids in Home Economics (Part II: Materials for Listening and Reading) (July 20-August 14)	2	Hall	MTWThF	Crabbe 304
IA	141-4	Graphic Arts (Unit A) (Lab. 2 hrs. arr.)	3	Kagy	MWF	Kepner 4
IA	161-4	Principles of Drafting (Unit A) (Lab. 2 hrs. arr.)	2	Jelden	TTh	Art Annex 300
IA	216-4	Design Problems in Leather (Lab. 2 hrs. arr.)	2	Lubbers	TTh	Carter 203
IA	218-4	Advanced Leathercraft (Lab. 3 hrs. arr.)	3	Lubbers	MWF	Carter 203
IA	220-4	Course Organization in Industrial Arts	3	Hall	MWF	Gugg. 105
IA	250-4	Contemporary Furniture Design and Fabrication (Lab. 3 hrs. arr.)	3	Gleb	MWF	Gugg. 4
IA	274-4	Advanced Machine Tool Operation (Lab. 2 hrs. arr.)	2	Johnson	TTh	Art Annex 100
IA	371-4	Advanced Metal Craft Techniques (Lab. 3 hrs. arr.)	3	Erwin	MWF	Art Annex 200

### 11:10-12:00 noon — Arts

FA	135-5	Life Drawing (Lab. 2 hrs. arr.)	2	Mickish	TTh	Gugg. 200
FA	240-5	Art in 7th, 8th and 9th Grades (Lab. 5 hrs. arr.)	5	Schumacher	MTWThF	Gugg. 205
FA	327-5	Craft Activities for the Elementary School (Lab. 3 hrs. arr.)	3	Ball	MWF	Gugg. 206
FA	328-5	The Curriculum in Art Education	3	Platter	MWF	Gugg. 201
HEC	265-5	The Family	3	Dean	MWF	Crabbe 305
HEC	372-5	Techniques of Textile Research	3	Thomas	MWF	Crabbe 301
IA	72-5	Elements of Gas and Electric Welding (Lab. 2 hrs. arr.)	2	Olson	TTh	Art Annex 100
IA	118-5	General Plastics (Unit A) (Lab. 2 hrs. arr.)	2	Lubbers	TTh	Carter 203
IA	154-5	Woodfinishing (Lab. 2 hrs. arr.)	2	Gleb	TTh	Gugg. 4
IA	273-5	Advanced Jewelry and Lapidary Work (Lab. 3 hrs. arr.)	3	Erwin	MWF	Art Annex 200
IA	290-5	Power and Transportation	3	Hall	MWF	Crabbe 102
IA	330-5	Organization and Administration of Industrial Arts	3	Jelden	MWF	Gugg. 105
IA	343-5	Teaching Techniques and Course Organization in the Graphic Arts (Lab. 3 hrs. arr.)	3	Kagy	MWF	Kepner 4

# Arts - Education

## 1964 Summer Class Schedule

Section Course No.	Time and Course Title Division.	Hours Credit	Instructor	Days	Building and Room
<b>11:10-12 noon — Arts, continued</b>					
IA 351-5	Teaching Techniques and Course Organization in Woodworking (Lab. 3 hrs. arr.)	3	Gleb	MWF	Gugg. 4
ED 148-5	Methods and Observation of Teaching Art in the Elementary School	3	Tryba	MWF	Bishop-Lehr 100
ED 149-5	Methods and Observation of Teaching Art in the Secondary School	2	Tryba	TTh	Bishop-Lehr 100
<b>12:10-1:00 p.m. — Arts</b>					
IA 173-6	Elements of Jewelry Work (Lab. 2 hrs. arr.)	2	Erwin	TTh	Art Annex 200
IA 174-6	Elements of Machine Lathe Operations (Lab. 2 hrs. arr.)	2	Johnson	TTh	Art Annex 100
IA 374-6	Teaching Techniques and Course Organization in Metals (Lab. 3 hrs. arr.)	3	Johnson	MWF	Art Annex 100
<b>1:10-2:00 p.m. — Arts</b>					
FA 320-7	Advanced Oil Painting (Lab. 2 hrs. arr.)	2	Bidwell	TTh	Crabbe 106
HEC 244-7	Personal Improvement for the Teacher (1:10-3:00) (June 22-July 10)	3	Dean	MTWThF	Crabbe 305
HEC 385-7	Research in Foods (Lab. 2-4 TTh)	4	Newburn	TTh	Crabbe 202
HEC 396-7	Dress Design in Draping (Lab. MW 2-4)	4	Thomas	MW	Crabbe 301
IA 234-7	Teaching the Industrial Arts (July 6-17) (1:10-4:00)	3	Lubbers	MTWThF	Bishop-Lehr 152
IA 254-7	Workshop in Industrial Arts for Elementary Schools (June 22-July 3) (1:10-4:00)	3	Olson	MTWThF	Bishop-Lehr 152
IA 254-27	Workshop in Industrial Arts for Elementary Schools (July 20-31) (1:10-4:00)	3	Olson	MTWThF	Bishop-Lehr 152
IA 352-7	Problems in Woodworking (July 20-31) (1:10-4:00)	3	Gleb	MTWThF	Gugg. 4
<b>2:10-3:00 p.m. — Arts</b>					
FA 228-8	Seminar in Secondary Art (July 6-17) (2:10-4:00)	2	Tryba	MTWThF	Bishop-Lehr 100
FA 230-8	Seminar in Elementary Art (June 22-July 3) (2:10-4:00)	2	Tryba	MTWThF	Bishop-Lehr 100
FA 232-8	Advanced Scene Design (Admission by permission of the instructor)	3	Wolfe	MWF	Frasier 171

## Division of Education

ATE (Advanced Teacher Education) courses open only to students formally admitted to Advanced Teacher Education Program.

### Hours Arranged — Education

139	Introduction to Student Teaching in the Elementary School (ATE) (Four hours per week between 9-12 arranged with instructor) (Instructor determined by grade level of assignment)	2	Lab School Staff	Arr.	Bishop-Lehr
BUS 2-70	Typewriting II	2	Hansen	MTWTh	Cranford 213
BUS 3-70	Typewriting III	2	Hansen	MTWTh	Cranford 213
SPED 201-70	Workshop in Special Education (2 hrs. of lab. each day arr. To be taken in conjunction with SPED 211. Some low rate housing available at the Home. Write Dr. Vaughan for additional information.) (10:30-12:00) (June 29-July 24)	5	Pasch-Vaughan	MTWThF	State Home & Training School Wheat Ridge, Colorado
SPED 211-70	Education of Severely Mentally Retarded Children (2 hrs. lab. each day arr. To be taken in conjunction with SPED 201. Some low rate housing available at the Home. Write Dr. Vaughan for additional information.) (8:45-10:15) (June 29-July 24)	3	Pasch-Vaughan	MTWThF	State Home & Training School Wheat Ridge, Colorado

### 7:10-8:00 a.m. — Education

80-1	Introduction to Outdoor Education (7:10-8:30)	3	Cyphers	TTh	Cranford 207
101-1	Basic Concepts of Education (ATE) (Secondary Majors Only)	5		MTWThF	Kepner 119
101-21	Basic Concepts of Education (ATE) (Elementary Majors Only)	5	Fulbright	MTWThF	Kepner 108
109-1	Teaching Handwriting and Spelling in the Elementary School (ATE)	2	Trigg	TTh	Cranford 9
110-1	Improvement of Instruction in Reading in the Elementary School (ATE)	3	Hunn	MWF	Kepner 13
113-1	Improvement of Instruction in Social Studies in the Elementary School (ATE)	3	Harkness	MWF	Kepner 219
206-1	Audio-Visual Materials in Education (Class also meets on TTh at 8:10 in Kepner Auditorium. One hr. lab. arr.)	4	Miles	MW	Carter 202



Bowman



Bourgeault



Chaloupka



Chrismer



Claybaugh



Clevenger



Costello, P.



Damgaard



Forkner



Forrestal



Fudell



Fulbright



Gagon



Hansen, B.

# Education

## 1964 Summer Class Schedule

Course No. Section	Division, Time and Course Title	Hours Credit	Instructor	Days	Building and Room
<b>7:10-8:00 a.m. — Education, continued</b>					
223- 1	Reading in the Intermediate Grades (ATE)	3	Lowry	MWF	Cranford 208
302- 1	Seminar in Evaluating and Improving Junior High School Instructional Program (Graduate status required)	3	Stoffler	MWF	Kepner 106
314- 1	The Elementary School Curriculum	3	Nebel	MWF	Frasier 205
325- 1	Supervised Practice in Remedial Reading (Clinic Teaching and Conferences: 4 hrs. req. arr., registration by permission of instructor)	3	Gagon	T	Cranford 205
332- 1	Problems in Curriculum Development	3		MWF	Cranford 205
343- 1	School Finance (Prerequisite, ED 342 or permission of instructor)	3	Barnhart	MWF	Cranford 202
380- 1	Philosophy and Principles of Outdoor Education	3	Cyphers	MWF	Cranford 207
395- 1	Philosophy of Education	3	Reichert	MWF	Crabbe 305
398- 1	Current Educational Trends and Issues	3	Morrison	MWF	Carter 201
BUS 4- 1	Advanced Typewriting and Office Practice	4	Hansen	MTWTh	Cranford 1
BUS 261- 1	Retail Management	3	Scudder	MWF	Kepner 110
BUS 287- 1	Business Data Processing	3	Damgaard	MWF	Kepner 118
BUED 356- 1	Improvement of Instruction in Shorthand	2	Hillestad	TTh	Cranford 213
CSPW 351- 1	Personnel Work in Colleges and Universities	3	Nelson	MWF	Kepner 205
EPG 270- 1	Principles and Practices in Testing and Measurement	3	Clevenger	MWF	Cranford 12
EPG 315- 1	Counseling Theory and Techniques	3	Heimerl	MWF	Cranford 9
EPG 317- 1	Foundations of Guidance	3	Blanchard	MWF	Carter 303
EPG 340- 1	Theories of Learning	5	Courtney	MTWThF	Kepner 120
EPG 388- 1	Abnormal Psychology	3	Anderson	MWF	Carter 302
LS 284- 1	The Librarian and Reading Guidance for Youth	5	Hill	MTWThF	Carter 305
SPED 200- 1	The Education of Exceptional Children	3	Fudell	MWF	Bishop-Lehr 203
SPED 210- 1	Introduction to Mental Retardation (7:10-9:00)	4	Fudell	TTh	Bishop-Lehr 203
SPED 250- 1	Pathology and Introduction to Education of the Deaf	3	Costello	MWF	Bishop-Lehr 202
SPED 402- 1	Problem Seminar in Special Education	3	Kelly, L.	MWF	Bishop-Lehr 204
ID 300- 1	Introduction to Graduate Study	3	Chaloupka	MWF	Bishop-Lehr 166
<b>8:10-9:00 a.m. — Education</b>					
206- 2	Audio-Visual Materials in Education (Class also meets TTh at 8:10 in Kepner Auditorium. One hr. lab. arr.)	4	Bowman	MW	Carter 202
295- 2	Philosophy of Education (ATE)	3	Bothell	MWF	Frasier 205
311- 2	Supervision of Instruction in English in the Elementary School (Graduates only)	3	Mosbo	MWF	Cranford 9
312- 2	Supervision of Instruction in Arithmetic in the Elementary School (Graduates only)	3	Kramer	MWF	Cranford 12
320- 2	Seminar in Elementary School Reading (Prerequisite ED 110, 310 or permission of instructor)	3	Gagon	MWF	Cranford 205
324- 2	Remedial Reading in the Elementary School (Theory)	2	Gagon	TTh	Cranford 9
342- 2	School Administration—Federal, State, Local (Experience or background in education required)	3	Walsh	MWF	Kepner 108
344- 2	School Plant Planning (Prerequisite ED 342 or permission of instructor)	3	Nimnicht	MWF	Kepner 121
365- 2	Junior-Senior High School Organization and Administration	3	Stoffler	MWF	Kepner 106
BUS 367- 2	Reconstructing Secondary Education	3	Morrison	MWF	Carter 201
BUS 278- 2	Sales Management	3	Chrismer	MWF	Cranford 202
BUED 277- 2	Adult Programs in Business Education	2	Roberts	TTh	Cranford 202
BUED 357- 2	Improvement of Instruction in Typewriting	2	Forkner	TTh	Cranford 213
BUED 373- 2	Current Problems in Business Education	3	Forkner	MWF	Cranford 207
CSPW 452- 2	Current Issues in College Personnel Work	3	Stuckey	MWF	Kepner 120
EPG 201- 2	Guidance in the Elementary School	3	Lakin	MWF	Kepner 122
EPG 230- 2	Psychology of Childhood and Adolescence	3	Meier	MWF	Carter 303
EPG 270- 2	Principles and Practices in Testing and Measurement	3	Shaw	MWF	Carter 302
EPG 313- 2	Occupational Information and Analysis in Vocational Guidance	3	Koplitz	MWF	Kepner 119
EPG 331- 2	Child Psychology (8:10-9:30)	3	Montgomery	TTh	Cranford 208
EPG 332- 2	Psychology of Adolescence	3	Montgomery	MWF	Cranford 208
LS 283- 2	Book Selection for School Libraries	5	Hill	MTWThF	Carter 305
SPED 231- 2	Problems of Teaching the Physically Handicapped	3	Kelly, L.	MWF	Bishop-Lehr 203
SPED 244- 2	Elementary Methods for the Blind	3	Bourgeault	MWF	Bishop-Lehr 205
SPED 253- 2	Methods of Teaching Deaf Children at Intermediate and Advanced Levels (8:10-11:00)	6	Whorton	TTh	Bishop-Lehr 202
SPED 270- 2	Audiology	3		MWF	Bishop-Lehr 206
SPED 390- 2	Introduction to Rehabilitation (8:10-9:30)	3	McAlee	TTh	Bishop-Lehr 206
SPED 401- 2	Research Seminar in Education	3	Vaughan	MWF	Bishop-Lehr 204
ID 300-22	Introduction to Graduate Study (Business Education)	3	Hillestad	MWF	Crabbe 305
ID 300-32	Introduction to Graduate Study (Education)	3	Chaloupka	MWF	Bishop-Lehr 166
ID 336- 2	Practicum in Programmed Learning and Other Related New Media (Workshop June 22-July 3 at TMI in Albuquerque.)	3	Hughes	MTWThF	Kepner 114
ID 400- 2	Introduction to Doctoral Research	3	Hillway	MWF	Carter 304
<b>9:10-10:00 a.m. — Education</b>					
112- 3	Improvement of Instruction in Arithmetic in the Elementary School (ATE)	3	Nebel	MWF	Frasier 205
227- 3	Kindergarten Education (ATE)	3	Lewis	MWF	Cranford 12



Hausken



Heimerl



Hillestad



Hillway



Hughes



Jamison



Kelly, L.



Koplitz



Kramer



Lakin



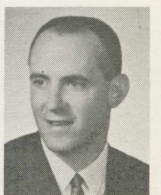
Lewis



Lowry



Luker



Meier

# Education

## 1964 Summer Class Schedule

Section Course No.	Time and Course Title Division,	Hours Credit	Instructor	Days	Building and Room
<b>9:10-10:00 a.m. — Education, continued</b>					
309-3	Supervision of Handwriting and Spelling in the Elementary School (Graduates only)	2	Mosbo	TTh	Cranford 207
313-3	Supervision of Instruction in Social Studies in the Elementary School (Graduates only)	3	Lowry	MWF	Kepner 108
323-3	Seminar in Elementary School Social Studies (Prerequisite ED 113, 313, or permission of instructor.)	3	Kelly, E.	MWF	Cranford 205
341-3	Philosophy and Techniques of Public Relations	3	Hartman	MWF	Kepner 106
348-3	School Law	3	Partridge	MWF	Cranford 208
355-3	Administration and Supervision in the Elementary School	4	Barnhart	MTWTh	Cranford 9
369-3	Experimentation in Education	3		MWF	Cranford 207
396-3	Historical Foundations of Education	3	Reichert	MWF	Cranford 202
493-3	The College and University Curriculum	3	Hillway	MWF	Kepner 121
BUS 64-3	Marketing	3	Scudder	MWF	Kepner 118
BUS 252-3	Office Management	3	Forkner	MWF	Carter 201
BUS 358-3	Advertising Procedures	3	Chrimer	MWF	Cranford 108
BUED 358-3	Improvement of Instruction in Basic Business	2	Heimerl, R.	TTh	Cranford 108
BUED 401-3	Analysis of Research in Business Education	5	Hillestad	MTWThF	Kepner 110
BUED 402-3	Issues and Trends in Business Education	3	Heimerl, R.	MWF	Kepner 120
CSPW 252-3	Workshop for Residence Hall Directors and Housemothers (9:10-4:00 (June 22-26))	2	Stuckey-Oppelt	MTWThF	Wilson Hall
EPG 240-3	Psychology of Learning	3	Clevenger	MWF	Kepner 122
EPG 315-3	Counseling Theory and Techniques	3	Heimerl, B.	MWF	Kepner 219
EPG 334-3	Psychology of Individual Differences	3	Montgomery	MWF	Carter 304
EPG 340-3	Theories of Learning	5	Luker	MTWThF	Kepner 105
EPG 380-3	Personality Development	3	Courtney	MWF	Carter 303
EPG 382-3	Introduction to Projective Techniques	3	Anderson	MWF	Carter 302
LS 280-3	Organization and Administration of a School Library	5	Hill	MTWThF	Carter 305
SPED 212-3	Curriculum Development and Methodology for Mentally Retarded	4	Kelly, L.	MTWF	Bishop-Lehr 203
SPED 252-3	Language Development for Acoustically Handicapped Children (9:10-11:00)	6	Whorton	MWF	Bishop-Lehr 202
SPED 272-3	Advanced Audiometry	3		MWF	Bishop-Lehr 206
SPED 312-3	Advanced Curriculum Development	4	Vaughan	MTWThF	Bishop-Lehr 205
SPED 364-3	Voice Disorders and Treatment	3	Ahlberg	MWF	Bishop-Lehr 204
<b>10:10-11:00 a.m. — Education</b>					
207-4	Audio-Visual Administration Workshop	3	Bowman	MWF	Carter 202
208-4	Local Production of Audio-Visual Instructional Materials (10:10-11:30)	3	Miles	TTh	Carter 202
222-4	Reading in the Primary Grades (ATE)	3	Lewis	MWF	Cranford 12
241-4	Administration for Teachers	3	Barnhart	MWF	Kepner 14
310-4	Supervision of Instruction in Reading in the Elementary School (Graduates only)	3	Claybaugh	MWF	Carter 303
312-4	Supervision of Instruction in Arithmetic in the Elementary School (Graduates only)	3	Kramer	MWF	Kepner 219
314-4	The Elementary School Curriculum	3	Nebel	MWF	Frasier 205
315-4	Supervision of Instruction in Children's Literature	2	Lewis	TTh	Cranford 202
321-4	Seminar in Elementary School English (Prerequisite ED 111, 311 or permission of instructor)	3	Mosbo	MWF	Carter 304
330-4	Foundations for Curriculum Development	3		MWF	Cranford 9
351-4	Supervision of Student Teachers	3	Fulbright	MWF	Cranford 202
365-4	Junior-Senior High School Organization and Administration	3		MWF	Kepner 124
366-4	Supervision in the Junior-Senior High School	3	Stoffler	MWF	Kepner 217
461-4	Philosophical Foundations of Education	3	Bothell	MWF	Cranford 108
462-4	Psychological Foundations of Education	3	Meier	MWF	Cranford 208
463-4	Sociological Foundations of Education	3		MWF	Cranford 207
BUS 10-4	Beginning Gregg Shorthand	4	Hansen	MTWTh	Cranford 213
BUS 285-4	Systems and Procedures	3	Damgaard	MWF	Kepner 118
BUS 376-4	Marketing Strategy	3	Chrimer	MWF	Kepner 108
BUED 266-4	Development of Distributive Education Instructional Materials	2	Chrimer	TTh	Cranford 108
BUED 372-4	Curriculum Construction in Business Education	5	Heimerl, R.	MTWThF	Kepner 120
CSPW 358-4	Internship in College Personnel Work (10:10-12:00) (Permission of instructor only)	2	Oppelt-Stuckey	T	Frasier 121
EPG 270-4	Principles and Practices in Testing and Measurement	3	Clevenger	MWF	Kepner 122
EPG 285-4	Mental Hygiene and Emotional Adjustment	3	Courtney	MWF	Frasier 148
EPG 311-4	Organization and Administration of Guidance Services	3	Blanchard	MWF	Carter 302
EPG 412-4	Analysis of the Individual	3	Koplitz	MWF	Carter 201
LS 282-4	Reference Materials for School Libraries	5	Richardson	MTWThF	Carter 305
SPED 264-4	Speech Correction in the Classroom	3	Ahlberg	MWF	Bishop-Lehr 205
SPED 280-4	Education of Children with Special Abilities	3	Oliver	MWF	Bishop-Lehr 203
SPED 302-4	Appraisal of Exceptional Children (10:10-12:00)	4	Fudell	TTh	Bishop-Lehr 203
SPED 343-4	Advanced Braille	3	Bourgeault	MWF	Bishop-Lehr 130
SPED 395-4	Seminar in Rehabilitation—Specific Disability Areas (10:10-11:30)	3	McAlees	TTh	Bishop-Lehr 205
SPED 396-4	Seminar in Rehabilitation—Professional Problems	3	McAlees	MWF	Bishop-Lehr 204
<b>11:10-12:00 noon — Education</b>					
148-5	Methods and Observation of Teaching Art in the Elementary School	3	Tryba	MWF	Bishop-Lehr 100
149-5	Methods and Observation of Teaching Art in the Secondary School	2	Tryba	TTh	Bishop-Lehr 100



Miles



Montgomery, L.



Morrison



Mosbo



McAlees



Nelson, T.



Nimnicht



Oppelt



Oliver



Partridge



Quinlan



Reichert



Sparks



Stoffler

# Education

## 1964 Summer Class Schedule



Stuckey



Vaughan



Walsh



Whorton

### LABORATORY SCHOOL



Kerns,  
Director



Anderson, A.



Brummer



Dalbey



Harkness



Hunn



Lindauer



Longwell



Marro



Mower

Course No. Section	Division, Time and Course Title	Hours Credit	Instructor	Days	Building and Room
<b>11:10-12 noon — Education, continued</b>					
249- 5	Principles of Vocational Education	3	Hall	MWF	Crabbe 302
295- 5	Philosophy of Education (ATE)	3	Bothell	MWF	Frasier 205
310- 5	Supervision of Instruction in Reading in the Elementary School (Graduates only)	3	Claybaugh	MWF	Carter 303
313- 5	Supervision of Instruction in Social Studies in the Elementary School (Graduates only)	3	Kelly, E.	MWF	Carter 302
319- 5	Curriculum in the Junior High School	3	Stoffler	MWF	Cranford 202
322- 5	Seminar in Elementary School Arithmetic (Prerequisite ED 112, 312, or permission of instructor)	3	Kramer	MWF	Cranford 205
331- 5	Advanced Curriculum Construction	3		MWF	Cranford 207
366- 5	Supervision in the Junior-Senior High School	3	Morrison	MWF	Cranford 108
494- 5	College Administration	3	Hillway	MWF	Kepner 121
BUS 131- 5	Business Law I	2	Damgaard	TTh	Cranford 208
BUS 150- 5	Business Statistics	3	Damgaard	MWF	Cranford 208
BUS 275- 5	Job Analysis	2	Roberts	TTh	Cranford 108
BUED 230- 5	Economic Education Seminar	3	Trainer	MWF	Kepner 106
BUED 354- 5	Improvement of Instruction in Office Practice	2	Hillestad	TTh	Cranford 1
BUED 371- 5	Tests and Measurements in Business Education	5	Forkner	MTWThF	Kepner 118
EPG 270- 5	Principles and Practices in Testing and Measurement	3	Anderson	MWF	Kepner 217
EPG 317- 5	Foundations of Guidance	3	Blanchard	MWF	Carter 304
EPG 370- 5	Aptitude and Achievement Analysis	5	Koplitz	MTWThF	Cranford 12
LS 281- 5	Classification and Cataloging	5	Richardson	MTWThF	Carter 305
SPED 211- 5	Education of Severely Mentally Retarded Children	3	Fudell	MWF	Bishop-Lehr 204
SPED 242- 5	Principles of Education of Partially Seeing	3	Bourgeault	MWF	Bishop-Lehr 130
SPED 256- 5	Education of Hard of Hearing Child	3	Whorton	MWF	Bishop-Lehr 202
SPED 311- 5	Workshop for the Vocational Rehabilitation of Mentally Retarded Youth	3	Kelly, L.	MWF	Bishop-Lehr 203
SPED 365- 5	Functional and Organic Problems of Articulation	3	Ahlberg	MWF	Bishop-Lehr 205
<b>12:10-1:00 p.m. — Education</b>					
BUS 316- 6	Secondary Education	3		MWF	Kepner 105
EPG 20- 6	Principles of Accounting I	4		MTWTh	Cranford 208
EPG 275- 6	Experimentation in Psychology	3	Hughes	MWF	Kepner 118
EPG 373- 6	Individual Tests of Intelligence (Permission of instructor required)	3	Meier	MWF	Kepner 120
EPG 374- 6	Supervised Practice in the Use of Individual Tests of Intelligence (12:10-2:00)	4	Quinlan	TTh	Cranford 207
EPG 374-26	Supervised Practice in the Use of Individual Tests of Intelligence (12:10-2:00)	4	Meier	TTh	Cranford 202
SPED 241- 6	Survey of Education of Visually Handicapped	3	Bourgeault	MWF	Bishop-Lehr 202
SPED 410- 6	Sociological and Educational Aspects of Mental Retardation	4	Oliver	MTWF	Bishop-Lehr 205
<b>1:10-2:00 p.m. — Education</b>					
110- 7	Improvement of Instruction in Reading in the Elementary School (ATE)	3	Nebel	MWF	Cranford 108
113- 7	Improvement of Instruction in Social Studies in the Elementary School (ATE)	3	Lowry	MWF	Kepner 119
115- 7	Literature in the Elementary School (ATE)	2	Marro	TTh	Cranford 205
206- 7	Audio-Visual Materials in Education (Class also meets TTh at 8:10 in Kepner Auditorium, One hr. lab. arr.)	4	Miles	MW	Carter 202
220- 7	Elementary Reading Workshop (June 22-July 3)	3	Gagon-Lewis	MTWThF	Kepner 214
237- 7	Comparative Education	3	Reichert	MWF	Cranford 202
242- 7	School Administration Workshop: Public Relations (1:30-4:30) (July 13-17) (See page 12 for details.)	2	Hartman-Cleere-Partridge	MTWThF	Sherwood School
308- 7	Production of Photographic Teaching Materials (1:10-3:00) (1 hr. lab. arr.)	3	Bowman	TTh	Carter 202
420- 7	Seminar in Research (1:10-3:00)	0	Hughes	MT	Kepner 120
420-27	Seminar in Research (1:10-3:00)	0	Sparks-Hausken	MT	Kepner 106
443- 7	Seminar in Administration (1:00-4:00) (Required of doctoral students in administration; open to other doctoral students by arrangement)	3	Walsh-Nimnicht	T	Kepner 14
443-27	Seminar in Administration (1:10-4:00) (Required of doctoral students in administration; open to other doctoral students by arrangement)	3	Partridge	T	Kepner 14
443-37	Seminar in Administration (1:10-4:00) (Required of doctoral students in administration; open to other doctoral students by arrangement)	3	Partridge	Th	Kepner 14
444- 7	Advanced Seminar in Administration (1:10-4:00) (Permission of instructor required.)	3	Walsh	M	Kepner 14
444-27	Advanced Seminar in Administration (1:10-4:00) (Permission of instructor required.)	3	Nimnicht	W	Kepner 14
CSPW 357- 7	Financial Aids (1:10-4:00) (June 29-July 10)	3	Shaw-Collins	MTWThF	Carter 305
EPG 214- 7	Guidance Workshop (June 17-26)	3	Clevenger	MTWThF	Kepner 118
EPG 214-27	Guidance Workshop (June 17-26)	3	Blanchard	MTWThF	Kepner 219
EPG 415- 7	Supervised Practice in Counseling	3	Oppelt	MWF	Kepner 110
EPG 415-27	Supervised Practice in Counseling (Permission of instructor required)	3	Courtney	MWF	Cranford 205
EPG 415-37	Supervised Practice in Counseling (Permission of instructor required)	3	Anderson	MWF	Kepner 217



# Education-HPER

## 1964 Summer Class Schedule

Section Course No.	Time and Course Title Division,	Hours Credit	Instructor	Days	Building and Room
<b>1:20-2:00 p.m. — Education, continued</b>					
EPG 415-47	Supervised Practice in Counseling (Permission of instructor required)	3	Luker	MWF	Carter 201
EPG 415-57	Supervised Practice in Counseling (Permission of instructor required)	3	Heimerl, B.	MWF	Kepner 121
EPG 415-67	Supervised Practice in Counseling (Permission of instructor required)	3	Montgomery	MWF	Cranford 207
SPED 257-7	Speech Reading (1:10-2:30)	3	Costello	TTh	Bishop-Lehr 202
SPED 262-7	Clinical Practice in Speech Correction	2		Arr.	Bishop-Lehr 140
SPED 265-7	The Speech Mechanism	3	Ahlberg	MWF	Bishop-Lehr 204
SPED 314-7	Practicum with the Mentally Retarded	6	Tawney	MTWThF	Bishop-Lehr 137
SPED 314-27	Practicum with the Mentally Retarded	6	Zeitlow	MTWThF	Bishop-Lehr 133
SPED 354-7	Practicum with the Deaf and Hard of Hearing	6	Costello	MTWThF	Bishop-Lehr 134
<b>2:10-3:00 p.m. — Education</b>					
111-8	Improvement of Instruction in English in the Elementary School (ATE)	3	Anderson, A.	MWF	Cranford 101A
112-8	Improvement of Instruction in Arithmetic in the Elementary School (ATE)	3	Nebel	MWF	Cranford 9
BUS 341-8	Foundations of Business (2:10-3:25)	3	Heimerl, R.	TTh	Cranford 202
BUED 280-8	Workshop in Business Education: Office Practice and Stenographic Skills (2:10-5:00) (June 22-July 3)	3	Hillestad	MTWThF	Cranford 213
BUED 281-8	Workshop in Distributive Education (2:10-5:00) (June 22-July 3)	3	Chrismer	MTWThF	Cranford 108
EPG 20-8	General Psychology and Personal Adjustment	3	Lakin	MWF	Cranford 12
EPG 20-28	General Psychology and Personal Adjustment	3	Nelson	MWF	Cranford 205
EPG 140-8	Educational Psychology	5	Forrestal	MTWThF	Carter 304
SPED 274-8	Practicum in Audiology	3		Arr.	Bishop-Lehr 138
<b>3:10-4:00 p.m. — Education</b>					
EPG 314-9	Techniques in Group Guidance	3	Montgomery	MWF	Cranford 202
<b>4:10-5:00 p.m. — Education</b>					
BUS 286-10	Electronic Data Processing (4:10-5:30)	3	Damgaard	TTh	Cranford 202

## Division of Health, Physical Education, and Recreation

<b>7:10-8:00 a.m. — HPER</b>					
61-1	Personal and Community Health	3	Heiss	MWF	GH 203
62-1	First Aid	2	Heiss	TTh	GH 203
271-1	Safety Education	3	LaBonde	MWF	GH 201
375-1	Areas and Facilities in Physical Education and Recreation	4	Shirley	MTThF	GH 205
<b>8:10-9:00 a.m. — HPER</b>					
12-2	Tennis (Men and Women)	1	Cyphers	MWF	Tennis Courts
20-2	Beginning Bowling (Fee required) (Men and Women)	1	Hardwick	TTh	Columbine
61-2	Personal and Community Health	3	LaBonde	MWF	GH 203
62-2	First Aid	2	LaBonde	TTh	GH 203
88-2	Physical Education Activities for the Elementary School	2	Steffy	MTWThF	Men's Gym
101-2	Health Education in the Elementary School	2	Behling	TTh	GH 201
256-2	Workshop in Contemporary Dance	4	Minney	MTThF	Kepner 11
272-2	Recreation Leadership	3	Shirley	MWF	GH 107
325-2	Physiology of Exercise	4	Van Anne	MTThF	GH 205
377-2	Administration of Community Recreation	4	Danford	MTThF	Gunter Hallway
ID 300-42	Introduction to Graduate Study	3	Butler	MWF	GH 201
<b>9:10-10:00 a.m. — HPER</b>					
12-3	Tennis (Men and Women)	1	Steffy	MWF	Tennis Courts
20-3	Beginning Bowling (Fee required) (Men and Women)	1	Sage	TTh	Columbine
62-3	First Aid	2	Heiss	TTh	Gunter Hallway
74-3	Theory and Practice of Swimming (Men)	1	Best	MTWTh	Pool
75-3	Theory and Practice of Wrestling (Men)	1	Hancock	MTWTh	GH 202
88-3	Physical Education Activities for the Elementary School	2	Van Anne	MTWThF	GH 107
101-3	Health Education in the Elementary School	2	Steffy	TTh	Cranford 214
102-3	Health Education in the Secondary School	4	Latham	MTThF	GH 201
245-3	Advanced Techniques in Teaching Gymnastic Activities (Women)	4	Everett	MTWThF	Men's Gym
258-3	Dance Methods and Materials	4	Minney	MTThF	Kepner 11
274-3	Methods and Materials in Driver Education	4	LaBonde	MTThF	GH 205
402-3	Changing Perspectives in Physical Education	4	Montgomery	MTThF	GH 203
<b>10:10-11:00 a.m. — HPER</b>					
12-4	Tennis (Men and Women)	1	Heiss	MWF	Tennis Courts
20-4	Beginning Bowling (Fee required) (Men and Women)	1	Van Anne	TTh	Columbine



Neal



Schweers



Trigg

### LIBRARY STAFF



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Head Librarian



Bogan



Brown



Costello, V.



Greer, J. B.



Hall, J.



Kovacs



Powell



Richardson



Rider

# HPER

## 1964 Summer Class Schedule

Course No. Section	Division, Time and Course Title	Hours Credit	Instructor	Days	Building and Room
<b>10:10-11:00 a.m. — HPER, continued</b>					
26- 4	Intermediate Swimming (Men and Women)	1	Best	MWF	Pool
62- 4	First Aid	2	Sage	TTh	GH 205
88- 4	Physical Education Activities for the Elementary School	2	Behling	MTWThF	Men's Gym North Center
101- 4	Health Education in the Elementary School	2	Steffy	TTh	GH 201
201- 4	Problems in School Health Programs	4	Latham	MTThF	GH 203
226- 4	Tests and Measurements in Physical Education	3	Cyphers	MWF	GH 201 & Men's Gym South
232- 4	Adapted Physical Education	3	Van Anne	MWF	GH 205
270- 4	Administration of Athletics	3	Hancock	MWF	GH 107
305- 4	Public Health Education	4	Staton	MTThF	Crabbe 305
<b>11:10-12:00 noon — HPER</b>					
3- 5	Individual Sports (Men and Women)	1	Mizerka	MWF	GH 107
25- 5	Beginning Swimming (Men and Women)	1	Best	MWF	Pool
34- 5	Folk Dance (Men and Women)	1	Minney	MWF	Men's Gym
62- 5	First Aid	2	LaBonde	TTh	Gunter Hallway
101- 5	Health Education in the Elementary School	2	Behling	TTh	GH 201
205- 5	Family Health Problems	3	Latham	MWF	GH 203
213- 5	Health Counseling and Appraisal	2	Latham	TTh	GH 203
235- 5	Educational Interpretations of Health, Physical Education and Recreation	3	Butler	MWF	GH 201
250- 5	Administration of Physical Education	3	Montgomery	MWF	Gunter Hallway
312- 5	Evaluation in Health, Physical Education and Recreation	4	Everett	MTThF	GH 205
<b>12:10-1:00 p.m. — HPER</b>					
20- 6	Beginning Bowling (Fee required) (Men and Women)	1	Samuels	TTh	Columbine
61- 6	Personal and Community Health	3	Sage	MWF	GH 201
88- 6	Physical Education Activities for the Elementary School	2	Behling	MTWThF	GH 107
245- 6	Advanced Techniques in Teaching Gymnastic Activities (Men)	4	Degutis	MTWThF	Men's Gym
340- 6	Curriculum in Health and Physical Education	4	Danford	MTThF	GH 203
<b>1:10-2:00 p.m. — HPER</b>					
3- 7	Individual Sports (Men and Women)	1	Bregin	MWF	Gunter Field
22- 7	Fencing (Men and Women)	1	Behling	MWF	GH 107
120- 7	Applied Human Anatomy	5	Degutis	MTWThF	GH 205
247- 7	Advanced Techniques in Teaching Team Sports (Summer Workshop-Baseball) (1:10-5:00) (June 22-June 26)	2	Butler	MTWThF	Men's Gym— Jackson Field
247-27	Advanced Techniques in Teaching Team Sports (Summer Workshop-Wrestling) (1:10-5:00) (July 13-July 17)	2	Hancock	MTWThF	GH 202
248- 7	Advanced Techniques in Teaching Dance Activities	4	Minney	MTWThF	Kepner 11
260- 7	Scientific Principles of Coaching (Summer Workshop) (1:10-5:00) (August 3-14)	4	Montgomery	MTWThF	GH 201
264- 7	Sports Officiating for Men (Summer Workshop-Football) (1:10-5:00) (July 20-July 24)	2	Heiss	MTWThF	Men's Gym
264-27	Sports Officiating for Men (Summer Workshop-Basketball) (1:10-5:00) (July 27-July 31)	2	Sage	MTWThF	Men's Gym
265- 7	Advanced Techniques in Teaching Football to Men (Summer Workshop) (1:10-5:00) (July 6-July 10)	2	Heiss	MTWThF	Men's Gym— Jackson Field
266- 7	Advanced Techniques in Teaching Basketball to Men (Summer Workshop) (1:10-5:00) (June 29-July 3)	2	Sage	MTWThF	Men's Gym
344- 7	Supervision of Physical Education and Recreation	4	Danford	MTThF	GH 203
401- 7	Analysis of Research and Literature in Health and Physical Education (1:10-3:00)	4	Staton	MW	GH 103
403- 7	Research Seminar in Health and Physical Education (1:10-3:00)	4	Everett	MW	Gunter Hallway
405- 7	Human Growth and Development (1:10-3:00)	4	Staton	TTh	Kepner 122
<b>2:10-3:00 p.m. — HPER</b>					
20- 8	Beginning Bowling (Fee required) (Men and Women)	1	Behling	TTh	Columbine
25- 8	Beginning Swimming (Men and Women)	1	Best	MWF	Pool
220- 8	Scientific Bases of Health and Physical Education	5	Degutis	MTWThF	GH 205
<b>3:10-4:00 p.m. — HPER</b>					
65- 9	Senior Life Saving (June 17-July 17)	1	Best	MTWThF	Pool
66- 9	Water Safety Instructor's Course (July 20-August 19)	1	Best	MTWThF	Pool
<b>4:10-5:00 p.m. — HPER</b>					
	Recreational Swimming	0	Guards	MWF	Pool
	Faculty Swimming	0	Guards	TTh	Pool
	Team Sports Program	0	Shirley	MTWThF	GH 103
<b>6:00 p.m. — HPER</b>					
	Family Fun Night	0	Shirley	W	Men's Gym



Tilden

### HEALTH AND PHYSICAL EDUCATION



Butler, Chairman



Behling



Best



Cyphers



Danford



Degutis



Everett



Hancock



Heiss



LaBonde



Latham



Lindahl

# Humanities

## 1964 Summer Class Schedule

Course No. Section	Division, Time and Course Title	Hours Credit	Instructor	Days	Building and Room
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### Division of the Humanities

#### 7:10-8:00 a.m. — Humanities

COM 1- 1	Elementary Composition I	3	Carriar	MWF	Kepner 124
COM 2- 1	Elementary Composition II (7:10-8:25)	3	Carriar	TTh	Kepner 13
ENG 260- 1	Readings in American Literature to 1865	4	Gates, G.	MTThF	Kepner 218
SP 16- 1	Voice and Diction	4	Holley	MTThF	Kepner 210
SP 370- 1	The Psychology of Speech	4	Toussaint	MTThF	Kepner 209
ID 0300- 1	Writing Laboratory for Graduate Students	0	Huff	MTWThF	Kepner 101

#### 8:10-9:00 a.m. — Humanities

ENG 210- 2	Advanced Expository Writing	3	Freeman	MWF	Kepner 13
ENG 258- 2	Readings in English Literature from 700-1800	4	Cross	MTWF	Kepner 218
ENG 299- 2	Project English Seminar (Restricted to members of the project) (8:10-11:00)	6	Landry	MTWThF	Kepner 103
ENG 306- 2	Seminar in Major American Writers II	4	Gates, G.	MTThF	Kepner 110
FR 5- 2	Intermediate French Composition	4	Graham	MTThF	Kepner 6
SP 250- 2	History of Speech Education	4	Toussaint	MTWF	Kepner 209
SP 251- 2	Speech for the Classroom Teacher	4	DeBoer	MTThF	Kepner 210
SP 375- 2	Phonetics	4	Ahlberg	MTThF	Kepner 124
ID 0300- 2	Writing Laboratory for Graduate Students	0	Huff	MTWThF	Kepner 101
ID 300-52	Introduction to Graduate Study	3	Frease	MWF	Kepner 103

#### 9:10-10:00 a.m. — Humanities

ENG 211- 3	The English Language	4	Freeman	MTThF	Kepner 13
ENG 232- 3	Techniques of the Novel	5	Cross	MTWThF	Kepner 124
ENG 261- 3	Readings in American Literature Since 1865	4	Frease	MTWF	Kepner 101
FR 6- 3	Intermediate French Conversation	4	Graham	MTThF	Kepner 6
SP 108- 3	Parliamentary Procedure	2	DeBoer	TTh	Kepner 209
SP 112- 3	Children's Theater	3	Jones	MWF	Bishop-Lehr 166
SP 200- 3	Techniques of Play Direction	3		MWF	Frasier 148
SP 220- 3	Stage Costuming	4		MTWF	Frasier 71
SP 350- 3	Rhetorical Theory	4	Holley	MTWTh	Kepner 103

#### 10:10-11:00 a.m. — Humanities

COM 3- 4	Principles of Speech	3	Holley	MWF	Kepner 210
ENG 259- 4	Readings in English Literature from 1800 to the Present	4	Gates, G.	MTThF	Kepner 218
ENG 302- 4	The American Critics	3	Frease	MWF	Kepner 110
ENG 326- 4	Reconstructing the English Curriculum	4	Carriar	MTWTh	Bishop-Lehr 206
FR 7- 4	Intermediate French Fiction	4	Graham	MTThF	Kepner 6
SP 113- 4	Stagecraft (Summer Theatre Members and permission of instructor)	3	Wolfe	MWF	Frasier 171
SP 294- 4	Critical Thinking	4	Toussaint	MTWTh	Kepner 209

#### 11:10-12:00 noon — Humanities

ENG 50- 5	Shakespeare	3	Harrison	MWF	Kepner 101
ENG 226- 5	Literature and Materials in the Secondary School	4	Carriar	MTWTh	Bishop-Lehr 206
ENG 257- 5	History of Ideas in English Literature	3	Gates, G.	MWF	Kepner 110
ENG 313- 5	Chaucer and Middle English	5	Freeman	MTWThF	Kepner 13
FL 210- 5	Linguistics	3	Graham	MWF	Kepner 6
SP 360- 5	General Semantics	4	DeBoer	MTWF	Kepner 209

#### 12:10-1:00 p.m. — Humanities

2- 6	The Middle Ages and the Renaissance	3	Freeman	MWF	Kepner 13
ENG 235- 6	Contemporary American Drama	3	Jones	MWF	Kepner 103
ID 0300- 6	Writing Laboratory for Graduate Students	0	Starr	MTWThF	Kepner 101

#### 1:10-2:00 p.m. — Humanities

1- 7	Introduction. The Greek and Roman Periods	3	Starr	MWF	Kepner 108
330- 7	Graduate Readings Course in the Humanities	3	Cross	MWF	Kepner 101
COM 1- 7	Elementary Composition I (1:10-2:25)	3	Starr	TTh	Kepner 110
SP 117- 7	Oral Interpretation	3	Jones	MWF	Kepner 218
SP 228- 7	Television in Education (Lab. 2 hrs. arr.) (1:10-3:00)	4	Jamison	MTW	Bishop-Lehr 228
SP 248- 7	Workshop in Speech Education: Directing High School Forensics (1:30-4:30) (June 29-July 10)	3	Holley	MTWThF	Kepner 124
SP 330- 7	History of the Theater	3		MWF	Frasier 148
ID 0300- 7	Writing Laboratory for Graduate Students	0	Harrison	MTWThF	Kepner 103

#### 2:10-3:00 p.m. — Humanities

3- 8	The Eighteenth to the Twentieth Centuries	3	Starr	MWF	Kepner 108
COM 3- 8	Principles of Speech	3	DeBoer	MWTh	Kepner 209
COM 3-28	Principles of Speech (2:10-3:25)	3	Toussaint	TTh	Kepner 210
ENG 101- 8	Newsriting (2:10-3:25)	3	Cleere-Hartman	TTh	Kepner 119
ENG 303- 8	Recent English and American Poets (2:10-3:25)	3	Harrison	TTh	Kepner 103
ENG 311- 8	The English Romantic Movement (2:10-4:00)	4	Harrison	MW	Kepner 103
SP 123- 8	Basic Speech and Oral Reading	5	Jones	MTWThF	Kepner 219



Minney



Montgomery, R.



Sage



Shirley



Staton



Steffy



Van Anne

### HUMANITIES



Frease,  
Chairman



Carriar



Cleere



Cross



DeBoer



Freeman

# Humanities-Music

## 1964 Summer Class Schedule

Course No. Section	Division, Time and Course Title	Hours Credit	Instructor	Days	Building and Room
<b>2:10-3:00 p.m. — Humanities, continued</b>					
SP 212- 8	Summer Theatre Workshop III (Summer Theatre members only)	5	Langworthy- Wolfe	MTWThF	Frasier 71
ID 0300- 8	Writing Laboratory for Graduate Students	0		MTWThF	Kepner 101
<b>3:10-4:00 p.m. — Humanities</b>					
SP 116- 9	Beginnng Play Direction (Summer Theatre members only)	4	Langworthy	MTWF	Frasier 71
SP 208- 9	Introduction to Radio and Television Production (Lab. 2 hrs. arr.) (3:10-5:00)	4	Jamison	MTW	Bishop-Lehr 228
SP 213- 9	Advanced Staging Techniques (Summer Theatre members only and permission of instructor)	4	Wolfe	MTWF	Frasier 171
ID 0300- 9	Writing Laboratory for Graduate Students	0		MTWThF	Kepner 101
<b>4:10-5:00 p.m. — Humanities</b>					
SP 316-10	Seminar in Theater Production (4:10-6:00)	4		MT	Frasier 148

## Division of Music

The following Individual Lessons may be taken for credit (1-3 hours) under the title Music 205—Music Performance. See Division of Music for registration procedures.

### Individual Instruction

#### Hours Arranged — Music

205-71	Music Performance	Individual Instruction	1	Himmel	Arr.	Frasier	252
	Voice						
205-73	Music Performance	Individual Instruction	1	Skinner	Arr.	Frasier	253
	Voice						
205-74	Music Performance	Individual Instruction	1	Schmitz	Arr.	Frasier	150
	Voice						
205-75	Music Performance	Individual Instruction	1	Dykins	Arr.	Frasier	156
	Piano						
205-76	Music Performance	Individual Instruction	1	Fluke	Arr.	Frasier	166
	Piano						
205-77	Music Performance	Individual Instruction	1	Goodbrod	Arr.	Frasier	154
	Piano						
205-78	Music Performance	Individual Instruction	1	Hutcherson	Arr.	Frasier	155
	Piano						
205-79	Music Performance	Individual Instruction	1	Menk	Arr.	Frasier	151
	Piano						
205-80	Music Performance	Individual Instruction	1	Moore	Arr.	Frasier	153
	Piano						
205-81	Music Performance	Individual Instruction	1	Schenkman	Arr.	Frasier	152
	Piano						
205-82	Music Performance	Individual Instruction	1	Moore	Arr.	Frasier	67B
	Organ						
205-83	Music Performance	Individual Instruction	1	Garlick	Arr.	Frasier	52
	Strings						
205-84	Music Performance	Individual Instruction	1	Ginsburg	Arr.	Frasier	54
	Strings						
205-85	Music Performance	Individual Instruction	1	Mickens	Arr.	Frasier	251
	Strings						
205-86	Music Performance	Individual Instruction	1	Evans	Arr.	Frasier	254
	Woodwinds						
205-87	Music Performance	Individual Instruction	1	Miller	Arr.	Frasier	53
	Brass						
205-88	Music Performance	Individual Instruction	1	Walker	Arr.	Frasier	50
	Brass						

#### 7:10-8:00 a.m. — Music

158- 1	History of Music I (June 17-July 18)	2	Garlick	MTWTh	Frasier	149
159- 1	History of Music II (July 20-August 21)	2	Garlick	MTWTh	Frasier	149
193- 1	String Class	1	Mickens	TTh	Frasier	63
212- 1	Music Activities for Classroom Teachers	3	George	MWF	Frasier	169
256- 1	Psychology of Music	3	King	MWF	Frasier	58
380- 1	Survey of Music History	3	Moore	MWF	Frasier	168
384- 1	Seminar: Beethoven	2	Schenkman	TTh	Frasier	168

#### 8:10-9:00 a.m. — Music

100- 2	Music Appreciation	2	Tipton	TTh	Frasier	168
194- 2	Percussion Class	1	Walker	TTh	Frasier	54
201- 2	Stage and Opera Techniques	2	Schmitz	TTh	Frasier	169
210- 2	Music Literature for Elementary Grades	3	Tipton	MWF	Frasier	168
249- 2	Music Methods and Materials for Elementary Teachers	2	George	MWF	Frasier	169
270- 2	Eighteenth Century Harmony and Forms	3	Goodbrod	MWF	Frasier	149
319- 2	Instrumental Techniques and Materials (Woodwinds)	5	Evans	MTWThF	Frasier	58
320- 2	Instrumental Techniques and Materials (Brass)	5	Miller	MTWThF	Frasier	63
ID 300-62	Introduction to Graduate Study	3	Mohr	MWF	Frasier	249



Gates, G.



Graham



Harrison



Holley



Jones



Landry



Langworthy



Starr



Toussaint

### MUSIC



Mohr,  
Chairman



Dykins



Evans



Fluke

# Music-Science

## 1964 Summer Class Schedule

Course No. Section	Division, Time and Course Title	Hours Credit	Instructor	Days	Building and Room
<b>9:10-10:00 a.m. — Music</b>					
2-3	Sight-Singing and Notation I	2	George	TTh	Frasier 168
20-3	Intermediate Class Piano I	1	Fluke	TTh	Frasier 51
218-3	Principles of Piano Teaching	3	Hutcherson	MWF	Frasier 51
220-3	Instrument Repair and Care	2	King	TTh	Frasier 58
223-3	Practicum in Band Conducting and Performance	5	Walker	MTWThF	Frasier 63
244-3	Vocal Repertoire: 17th-18th Centuries	2	Himmel	TTh	Frasier 256
249-3	Music Methods and Materials for Elementary Teachers	2	Tipton	MWF	Frasier 168
306-3	Teacher Education in Music	3	Mohr	MWF	Frasier 169
323-3	Comparative Voice Methods and Materials	3	Himmel	MWF	Frasier 256
360-3	Historical Analysis of Music Structure	5	Garlick	MTWThF	Frasier 54
421-3	Practicum in Arranging and Performance	5	Evans	MTWThF	Frasier 149
<b>10:10-11:00 a.m. — Music</b>					
10-4	Beginning Class Piano I	1	Menk	TTh	Frasier 51
215-4	Instrumental Literature	3	King	MWF	Frasier 63
270-4	Eighteenth Century Harmony and Forms	3	Hutcherson	MWF	Frasier 149
271-4	Nineteenth Century Harmony and Forms	3	Moore	MWF	Frasier 51
272-4	Twentieth Century Harmony and Forms	3	Dykens	MWF	Frasier 168
277-4	Church Music	3	Skinner	MWF	Frasier 54
310-4	Problems of Instrumental Supervision (10:10-12:00)	4	King	TTh	Frasier 54
370-4	Aural Theory	3	George	MWF	Frasier 169
385-4	Seminar: New Music	2	Dykens	TTh	Frasier 168
420-4	Criteria for Music Analysis and Comparison (10:10-12:00)	4	Hutcherson	TTh	Frasier 149
<b>11:10-12:00 noon — Music</b>					
10-5	Beginning Class Piano I	1	Fluke	TTh	Frasier 51
52-5	Harmony I	3	Menk	MWF	Frasier 51
196-5	Voice Class	1	Schmitz	TTh	Frasier 168
205-5	Music Performance (Brass Ensemble)	1	Miller	TTh	Frasier 63
205-25	Music Performance (Chamber Music)	1	Mickens	TTh	Frasier 58
214-5	Choral Literature	3	Skinner	MWF	Frasier 256
242-5	Vocal Repertoire: German Lieder	2	Himmel	TTh	Frasier 256
250-5	Seminar in Music Education	3	George	MWF	Frasier 169
262-5	Symphonic Literature	3	Dykens	MWF	Frasier 168
311-5	Improvement of Instruction in Instrumental Music	3	King	MWF	Frasier 58
325-5	Comparative String Methods and Materials	3	Goodbrod	MWF	Frasier 154
<b>12:10-1:00 p.m. — Music</b>					
205-6	Music Performance (Mixed Concert Choir)	1	Skinner	MTTh	Frasier 256
205-26	Music Performance (Symphony Orchestra)	1	Evans	MTWTh	Frasier 63
<b>1:10-2:00 p.m. — Music</b>					
149-7	Music Fundamentals	2	Fluke	MWF	Frasier 169
152-7	Counterpoint	3	Garlick	MWF	Frasier 149
258-7	Composition	3	Menk	MWF	Frasier 51
274-7	Teaching Music Appreciation	3	Tipton	MWF	Frasier 168
324-7	Comparative String Methods and Materials	3	Mickens	MWF	Frasier 63
350-7	Practical Arranging	3	Miller	MWF	Frasier 54
383-7	Seminar: The Romantic Period	3	Schenkman	MWF	Frasier 58
<b>2:10-3:00 p.m. — Music</b>					
200-8	Workshop in Chorus and Orchestra (2:10-5:30) (July 13-24)	3	Chapple	MTWThF	Student Union Ballroom
205-8	Music Performance (Concert Band) (2:10-4:00)	1	Walker	MTTh	Frasier 63
253-8	Music for Exceptional Child	3	Fluke	MTTh	Frasier 169
295-8	The Art of Music Listening	3	Menk	MTTh	Frasier 149
	Music Division Chorus and Orchestra (2:10-4:00)	0	Skinner	WF	Frasier 63

## Division of the Sciences

### Hours Arranged — Science

CHEM 280-70	Organic Qualitative Analysis	3	Beel	Arr.	Cranford 100B
<b>7:10-8:00 a.m. — Science</b>					
CHEM 245-1	Quantitative Analysis (Lab 4 hrs. W 1-5)	5	Woerner	MWF	Cranford 101A
ESCI 235-1	Rocky Mountain Geology	3	Tollefson	MTTh	Cranford 203
MATH 25-1	Plane Trigonometry (2 hrs. required, 7 & 10) (June 17-July 17)	5	Greer	MTWThF	Cranford 201
MATH 233-1	Advanced Calculus II	5	Fry	MTWThF	Cranford 204
MATH 242-1	College Geometry	5	Fisch	MTWThF	Cranford 206
MED 275-1	Descriptive Statistics (Lab. 2 hrs. arr.)	5	Patterson	MTWF	Cranford 210
MED 275-21	Descriptive Statistics (Lab. 2 hrs. arr.)	5	Hausken	MTWF	Cranford 108
MED 375-1	Design and Analysis of Experiments in Education	5	Sparks	MTWThF	Kepper 103
ZOO 212-1	Mammalian Anatomy (Lab. 4 hrs. 8-10 TTh)	5	Schmidt	MWF	Cranford 304



Garlick



George



Ginsburg



Goodbrod



Himmel



Hutcherson



King



Menk



Mickens



Miller



Moore



Schenkman



Schmitz



Skinner

# Science

## 1964 Summer Class Schedule

Course No. Section	Division, Time and Course Title	Hours Credit	Instructor	Days	Building and Room
<b>8:10-9:00 a.m. — Science</b>					
3-2	Physical Science	3	Koch	MWF	Cranford 200A
109-2	Science for Elementary Teachers	3	MWF		Cranford 203
205-2	Physical Science Concepts for Elementary Teachers	4	Beel	MTWTF	Cranford 101A
BOT 121-2	Morphology of the Algae and Bryophytes (Lab. 4 hrs. TTh 8-10)	5	Gapter	MWF	Cranford 302
BOT 322-2	Plant Physiology II Metabolism (Lab. 4 hrs. TTh 8-10)	5	Moinat	MWF	Cranford 300
CHEM 284-2	Instrumental Methods of Analysis (Lab. 2 hrs. Th 1-3)	4	Woerner	MWF	Cranford 206
MATH 32-2	Calculus with Analytic Geometry II (2 hrs. required, 8 & 1) (June 17-July 17)	5	Anders	MTWThF	Cranford 204
MATH 202-2	Basic Mathematical Logic	3	Fry	MWF	Cranford 201
MATH 203-2	Structure of Numbers	3	Patterson	MWF	Cranford 210
MED 275-2	Descriptive Statistics (Lab. 2 hrs. arr.)	5	Hausken	MTWTF	Frasier 148
MED 276-2	Statistical Inference	5	Sparks	MTWThF	Kepner 118
MED 373-2	Problems in the Teaching of Secondary Mathematics	4	Popejoy	MTWTF	Cranford 303
PHYS 161-2	Mechanics I	4	Hamerly	MTWTF	Cranford 200B
SCED 270-2	Teaching Science in the Elementary School	3	Neal	MWF	Cranford 214
SCED 273-2	Problems in Teaching Physics (Emphasis on PSSC Physics) (8:10-10:00)	4	Trowbridge	TTh	Cranford 103
ID 300-72	Introduction to Graduate Study	3	Glidden	MWF	Cranford 108
<b>9:10-10:00 a.m. — Science</b>					
BIO 5-3	Earth Science	3	Trowbridge	MWF	Cranford 214
253-3	Human Genetics and Eugenics	3	Winchester	MWF	Cranford 200B
CHEM 40-3	Principles of Chemistry I (2 hrs. required 9 & 1) (Lab 2 hrs. M 2-4) (June 17-July 17)	5	Tomasi	MTWTF	Cranford 200A
CHEM 242-3	Organic Chemistry (Lab. 2 hrs. T 1-3)	5	Beel	MTWTF	Cranford 101A
ESCI 236-3	General Geology (field trips required)	4	Tollefson	MTWTh	Cranford 203
MATH 34-3	Calculus with Analytic Geometry IV (2 hrs. required, 9 & 1) (June 17-July 17)	5	Johnson	MTWThF	Cranford 206
MATH 250-3	Probability Theory	3	Patterson	MWF	Cranford 201
MED 275-3	Descriptive Statistics (Lab. 2 hrs. arr.)	5	Fisch	MTWTF	Cranford 210
MED 374-3	Seminar in Teaching Secondary Mathematics (9:10-11:00)	4	Popejoy	TTh	Cranford 205
PHYS 262-3	Electricity and Magnetism II	4	Aas	MTWTF	Cranford 204
SCED 272-3	Improvement of Science Instruction in the Secondary School Through Curriculum Development	3		MWF	Cranford 303
ZOO 319-3	Animal Parasitology (Lab. 4 hrs. TTh 8-10)	4	Schmidt	MW	Cranford 306
<b>10:10-11:00 a.m. — Science</b>					
BOT 22-4	General Botany (Lab. 4 hrs. TTh 10-12)	5	Moinat	MWF	Cranford 302
BOT 122-4	General Bacteriology (Lab. 4 hrs. TTh 10-12)	5	Winchester	MWF	Cranford 303
CHEM 281-4	Physical Chemistry I (Lab. 3 hrs. arr.)	5	Koch	MTWTF	Cranford 200B
MATH 24-4	College Algebra II	5	Anders	MTWThF	Cranford 210
MATH 31-4	Calculus with Analytic Geometry I (2 hrs. required, 7 & 10) (July 20-August 21)	5	Greer	MTWThF	Cranford 204
MATH 232-4	Advanced Calculus I	5	Fry	MTWThF	Cranford 201
MED 271-4	Instructional Materials in Secondary School Mathematics	3	Popejoy	MWF	Cranford 205
PHYS 61-4	General Physics-Mechanics (Lab. 2 hrs. Th 3-5)	5	Hamerly	MTWTF	Cranford 101A
PHYS 63-4	General Physics-Sound, Light, and Heat (Lab. 2 hrs. Th 1-3)	5	Hayes	MTWTF	Cranford 200A
SCED 276-4	Instructional Problems in Teaching Science	3	Trowbridge	MWF	Cranford 203
SCED 375-4	Development of Scientific Inquiry Abilities of Children Through Science	4	Neal	MTWTF	Cranford 206
ZOO 315-4	Vertebrate Organogeny (Lab. 4 hrs. TTh 1-3)	4	Stamper	MW	Cranford 306
<b>11:10-12:00 noon — Science</b>					
BIO 151-5	Cellular Biology (Lab. 4 hrs. TTh 1-3)	5	Schmidt	MWF	Cranford 303
CHEM 147-5	Biochemistry (Lab. 2 hrs. W 2-4)	5	Tomasi	MTWTF	Cranford 101A
CHEM 282-5	Physical Chemistry II (Lab. 3 hrs. arr.)	5	Koch	MTWTF	Cranford 200B
ESCI 232-5	Historical Geology (Lab. 2 hrs. T 11-1)	4	Tollefson	MWTh	Cranford 203
MATH 201-5	Theory of Sets	3	Fry	MWF	Cranford 210
MATH 224-5	Modern Algebra II	5	Johnson	MTWThF	Cranford 9
MATH 243-5	Modern Geometry I	5	Fisch	MTWThF	Cranford 206
MATH 251-5	Mathematical Statistics I	5	Patterson	MTWThF	Kepner 119
PHYS 164-5	Electrical Measurements (Lab. 2 hrs. Th 2-4)	5	Aas	MTWTF	Cranford 204
SCED 271-5	Improvement of Science Instruction in the Elementary School Through Curriculum Development	3	Neal	MWF	Cranford 200A
SCED 277-5	Test Construction in Science	3	Glidden	MWF	Cranford 201
SCED 376-5	History of Science	3	Sund	MWF	Cranford 201
ZOO 217-5	Human Physiology (Lab. 4 hrs. TTh 10-12)	5	Stamper	MWF	Cranford 214



Tipton



Walker

### NURSING



McMinn,  
Chairman



Carlson

### THE SCIENCES



Glidden,  
Chairman



Aas



Anders



Beel



Fisch



Fry



Gapter



Greer, J. R.



Hamerly



Hayes

# Science-Social Science

## 1964 Summer Class Schedule



Johnson, R.



Koch



Moinat



Patterson



Popejoy



Stamper



Sund



Tollefson



Tomasi



Trowbridge



Winchester



Woerner

### SOCIAL SCIENCES



Reynolds,  
Chairman



Arnold

Course No. Section	Division, Time and Course Title	Hours Credit	Instructor	Days	Building and Room
<b>12:10-1:00 p.m. — Science</b>					
3-6	Physical Science	3	Aas	MWF	Cranford 200A
4-6	Biological Science (Juniors and seniors are urged to take a substitute for this course.)	3	Gapter	MWF	Cranford 200B
BIO 251-6	Evolution	3	Stamper	MWF	Cranford 303
BOT 325-6	Plant Ecology (Lab. 4 hrs. TTh 1-3)	5	Moinat	MWF	Cranford 302
MED 372-6	Curriculum in Secondary School Mathematics	4	Popejoy	MWThF	Cranford 206
SCED 270-6	Teaching Science in the Elementary School	3	Decker	TThF	Cranford 214

<b>1:10-2:00 p.m. — Science</b>					
207-7	Aerospace Education Workshop (1:10-4:00) (July 6-17)	3	ROTC Staff	MTWThF	Arnold 1
208-7	Elementary Science Workshop (1:10-4:00) (July 27-August 7)	3	Neal-Trowbridge	MTWThF	Bishop-Lehr 200 & 113
BIO 257-7	Conservation of Natural Resources (1:10-4:00) (June 22-July 3) (Film hours to be arranged)	4	Glidden-Stamper	MTWThF	Cranford 200A
CHEM 41-7	Principles of Chemistry II (2 hrs. required, 9 & 1) (July 20-August 21) (Lab. 2 hrs. T 2-4)	5	Tomasi	MTWF	Cranford 101A
ESCI 130-7	General Meteorology	3	Trowbridge	MWF	Cranford 214
ESCI 230-7	Common Minerals and Rocks (1:10-4:00) (July 13-25—Open only to students with no previous work in geology) (Field trip on July 25)	3	Tollefson	MTWThF	Cranford 203
MATH 33-7	Calculus with Analytic Geometry III (2 hrs. required, 8 & 1) (July 20-August 21)	5	Anders	MTWThF	Cranford 204
MATH 35-7	Calculus with Analytic Geometry V (2 hrs. required, 9 & 1) (July 20-August 21)	3	Greer	MWF	Cranford 206
MATH 222-7	Basic Matrix Algebra	5	Johnson	MTWThF	Cranford 208
PHYS 166-7	Radiation Physics	4	Hayes	MTWF	Cranford 200B
PHYS 361-7	Introduction to Theoretical Physics I	3	Hamerly	MWF	Cranford 201
SCED 373-7	Seminar in Science Education	3		MWF	Cranford 210

<b>2:10-3:00 p.m. — Science</b>					
BIO 357-8	Biological Research (Lab. 6 hrs. arr.)	5	Winchester	TTh	Cranford 303
BOT 228-8	Mycology (Lab TTh 1-3)	5	Gapter	MWF	Cranford 300
PHYS 267-8	Atomic Physics	4	Hayes	MTWF	Cranford 204

<b>4:10-5:00 p.m. — Science</b>					
CHEM 346-10	Seminar in Chemistry	1	Woerner	M	Cranford 210

<b>6:30-10:00 p.m. — Science</b>					
330-12	Graduate Readings in Course in Science	4	Glidden	T	Cranford 200A

## Division of the Social Sciences

<b>Hours Arranged — Social Sciences</b>					
GEOG 392-70	Syracuse University Summer Field Course in Geography (August 3-28) (Enrollment limited. Permission required from CSC Geography staff. See page 14 for details.)	8	Lundin	MTWThF	Kepner 220
USH 272-70	Contemporary American Foreign Policy (June 6-16) (Total cost of this field study course which involves travel to Washington and New York is about \$215 plus tuition. See Page 15 for details.)	3	Reynolds	Arr.	Faculty Lounge 903 19th St.

<b>7:10-8:00 a.m. — Social Sciences</b>					
83-1	Contemporary World Cultures	3	Matoren	MWF	Kepner 122
200-1	Social Philosophy	3	Willoughby	MWF	Kepner 125
GEOG 48-1	Anglo-America	5	Lundin	MTWThF	Kepner 222
GEOG 226-1	Africa	5	West	MTWThF	Kepner 216
PSCI 40-1	National Government of the United States	5	Rothweiler	MTWThF	Kepner 105
USH 252-1	History of the West	3	Larson	MWF	Kepner 204
WHS 31-1	World History II	4	Byerly	MTWTh	Kepner 217

<b>8:10-9:00 a.m. — Social Sciences</b>					
81-2	The Individual and His Social Relations	3	Mickey	MWF	Kepner 206
82-2	American Life and Institutions	3	Pogue	MWF	Kepner 214
220-2	European Contributions to American Cultures (European study-travel program. Class will meet on campus the first five weeks from 8:10 to 11:00 daily and then will go to Europe for four weeks. Round trip via jet from Denver. Terminates August 19. Travel cost \$1215 from Greeley to Greeley. Tuition and living expenses on campus are additional. (See Page 15 for details.) (June 17-August 19)	15	Koller-Cross-Arnold	MTWThF	Kepner 125

# Social Science

## 1964 Summer Class Schedule



Byerly



Koller



Larson



Lundin



Matoren



Mickey



Pogue



Quammen



Rothweiler



Tomich



Trainer



West



Willoughby

Course No. Section	Division, Time and Course Title	Hours Credit	Instructor	Days	Building and Room
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### 8:10-9:00 a.m. — Social Sciences, continued

220-22	European Contributions to American Cultures (European study-travel program. Class will meet on campus the first five weeks from 8:10 to 11:00 daily and then will go to Europe for four weeks. Round trip via jet from Denver. Terminates August 19. Travel cost \$1215 from Greeley to Greeley. Tuition and living expenses on campus are additional. (See Page 15 for details.) (June 17-August 19)	11	Koller-Cross-Arnold	MTWThF	Kepner 125
ECON 102-2	Contemporary Economic Problems	3	Trainer	MWF	Kepner 204
GEOG 10-2	World Geography	5	West	MTWThF	Kepner 222
GEOG 365-2	The Soviet Union	3	Lundin	MWF	Kepner 216
PSCI 171-2	State and Local Government	5	Christensen	MTWThF	Kepner 105
PSCI 274-2	International Organization	3	Rothweiler	MWF	Kepner 217
WHS 234-2	History of Latin America	5	Larson	MTWThF	Kepner 205

### 9:10-10:00 a.m. — Social Sciences

ECON 205-3	Russia's Soviet Economy	3	Quammen	MWF	Kepner 205
GEOG 243-3	Europe	3	Koller	MWF	Kepner 216
PSCI 377-3	The Constitution and Its Interpretation	5	Christensen	MTWThF	Kepner 204
SOC 50-3	Principles of Sociology	5	Willoughby	MTWThF	Kepner 206
SOC 294-3	World Population Problems	2	Tomich	TTh	Kepner 216
USH 71-3	United States History II	3	Pogue	MWF	Kepner 214
USH 209-3	Economic History of the United States	4	Trainer	MTWF	Kepner 218
WHS 266-3	Europe 1815-1870	5	Matoren	MTWThF	Kepner 217

### 10:10-11:00 a.m. — Social Sciences

ANT 20-4	General Anthropology	5	Mickey	MTWThF	Kepner 206
GEOG 260-4	Political Geography	5	West	MTWThF	Kepner 222
SOC 302-4	American Society Today	3	Tomich	MWF	Kepner 204
USH 72-4	United States History III	3	Larson	MWF	Kepner 214
USH 364-4	Civil War and Reconstruction	3	Reynolds	MWF	Kepner 216
WHS 255-4	Contemporary World History	5	Matoren	MTWThF	Kepner 101

### 11:10-12:00 noon — Social Sciences

82-5	American Life and Institutions	3	Larson	MWF	Kepner 214
83-5	Contemporary World Cultures	3	Rothweiler	MWF	Kepner 105
ECON 202-5	Money and Banking	5	Quammen	MTWThF	Kepner 210
GEOG 244-5	Asia	5	Lundin	MTWThF	Kepner 216
SOC 203-5	World's Great Religions	3	Mickey	MWF	Kepner 206
SOC 204-5	Marriage and the Family	3	Willoughby	MWF	Kepner 222
USH 363-5	American Revolution	3	Reynolds	MWF	Kepner 205
WHS 221-5	The Great World Issues	2	Matoren	TTh	Kepner 125
WHS 263-5	Renaissance and Reformation	5	Byerly	MTWThF	Kepner 218

### 12:10-1:00 p.m. — Social Sciences

82-6	American Life and Institutions	3	Willoughby	MWF	Kepner 108
ECON 30-6	Introductory Economics	5	Quammen	MTWThF	Kepner 122
GEOG 203-6	World Resources and Industries	5	Koller	MTWThF	Kepner 216
PSCI 40-6	National Government of the United States	5	Christensen	MTWThF	Kepner 206
PSCI 276-6	International Relations	3	Rothweiler	MWF	Kepner 218
SOC 291-6	Social Psychology	3	Tomich	MWF	Kepner 204
USH 75-6	Unit Survey of United States History	5	Pogue	MTWThF	Kepner 222
WHS 261-6	The Middle Ages	5	Byerly	MTWThF	Kepner 125

### 1:10-2:00 p.m. — Social Sciences

81-7	The Individual and His Social Relations	3	Tomich	MWF	Kepner 206
330-7	Graduate Readings Course in the Social Sciences (1:10-3:00 p.m.)	4	Reynolds	MW	Kepner 122
ECON 302-7	Advanced Economics (1:10-3:30 p.m.)	5	Trainer	MW	Kepner 205
GEOG 250-7	Geography of Colorado	2	Pogue	MW	Kepner 222
GEOG 370-7	Urban Geography	5	Koller	MTWThF	Kepner 216
USH 250-7	History of Colorado	2	Pogue	TTh	Kepner 222
WHS 270-7	History of Russia (June 17-July 17) (1:10-3:00)	5	Arnold	MTWThF	Kepner 125
ID 300-7	Introduction to Graduate Study (1:10-4:00 p.m.)	3	Quammen	T	Kepner 218

### 2:10-3:00 p.m. — Social Sciences

ANT 323-8	Spanish-American Culture	3	Mickey	MWF	Kepner 216
SOC 311-8	Sociological Theory	3	Tomich	MWF	Kepner 217



# Statistical Information Form

## Colorado State College-Greeley

If you have not attended Colorado State College since August 31, 1959, you should complete this form and return it to the Registrar's Office prior to registration in order that Registration Materials (IBM Packet) may be prepared.

**Complete this form with typewriter or print in ink**

Please complete this line

Name \_\_\_\_\_  
(Last) (First) (Middle) (Maiden, if applicable)

Birthdate \_\_\_\_\_ Place of Birth \_\_\_\_\_  
(Month - Day - Year) (City - State - Country)

Sex: ( ) Male ( ) Female Citizenship \_\_\_\_\_

Veteran: ( ) Yes Dates of active military service: \_\_\_\_\_  
 ( ) No From \_\_\_\_\_ to \_\_\_\_\_

Church preference (optional) \_\_\_\_\_

Are you a  Yes If yes, your proposed  A.M.  Ed.S.  
 graduate student?  No graduate degree program:  Ed.D.  Unclassified

Permanent Home Address \_\_\_\_\_  
(City) (County) (State) (Country)

If your home is in Colorado, when did this residence begin for you? \_\_\_\_\_

Where were you living during the past 12 months? \_\_\_\_\_

Name of parent or guardian \_\_\_\_\_

Permanent address of parent or guardian \_\_\_\_\_

When did this residence begin for your parent? \_\_\_\_\_

If married, give name of husband or wife \_\_\_\_\_

What was your occupation during the past 12 months? \_\_\_\_\_

City and state of employment \_\_\_\_\_

What was the occupation of your spouse during the last 12 months? \_\_\_\_\_

City and state of employment of spouse \_\_\_\_\_

Name high schools and academies attended:  

School Name	City-County-State	Dates Attended	Yr. Graduated
_____	_____	_____	_____

If enrolling at CSC for the first time, check the proper classification:  
 ( ) New freshman  
 ( ) New undergraduate transfer student  
 ( ) New graduate student

Name all colleges and universities attended in order of attendance from earliest to latest date. **DO NOT** include Colorado State College. *Failure to list colleges or universities previously attended may result in loss of credit or dismissal.*

Name of Institution	City State	Period of Attendance (Quarter and/or Semester and the years)	Date of Graduation (if applicable)	Degree Received (if rec'd)
_____	_____	_____	_____	_____

Have you previously taken CSC correspondence or off-campus courses? ( ) Yes When? \_\_\_\_\_  
 ( ) No

Your proposed degree program:  
 1. ( ) Teaching certificate  
 2. ( ) A.B. without teaching certificate (Liberal Arts)

Marital status: ( ) Single ( ) Divorced  
 ( ) Married

Your major \_\_\_\_\_ Minor(s) \_\_\_\_\_

Your classification:  Sophomore  Senior  CSC Faculty  
 Freshman  Junior  Graduate  CSC staff

New and returning students: When do you expect to enter (or re-enter) CSC?  
 ( ) Fall ( ) Winter ( ) Spring ( ) Summer Year \_\_\_\_\_

Returning students only: When did you first enter CSC?  
 ( ) Fall ( ) Winter ( ) Spring ( ) Pre-session ( ) Summer Year \_\_\_\_\_

Returning students only: When was your last enrollment at CSC?  
 ( ) Fall ( ) Winter ( ) Spring ( ) Pre-session ( ) Summer Year \_\_\_\_\_

**DO NOT WRITE IN THIS SPACE**

1. \_\_\_\_\_  
Student No.
2. \_\_\_\_\_  
Alpha Number
3. \_\_\_\_\_  
Birthdate
4. \_\_\_\_\_  
Sex
5. \_\_\_\_\_  
Citizenship
6. \_\_\_\_\_  
Veteran
7. \_\_\_\_\_  
Church Preference
8. \_\_\_\_\_  
Graduate Program
9. \_\_\_\_\_  
Residence Status

**HOME**

10. \_\_\_\_\_  
City
- \_\_\_\_\_ County
- \_\_\_\_\_ State or Province
- \_\_\_\_\_ Country

**HIGH SCHOOL**

11. \_\_\_\_\_  
Name of School
- \_\_\_\_\_ County
- \_\_\_\_\_ State or Province
- \_\_\_\_\_ Year Graduated
12. \_\_\_\_\_  
Classification Upon Entry to CSC
13. \_\_\_\_\_  
Last College Attended
14. \_\_\_\_\_  
Degree Program
15. \_\_\_\_\_  
Marital Status
16. \_\_\_\_\_  
Major
17. \_\_\_\_\_  
Classification
18. \_\_\_\_\_  
Grade Period: Quarter, Year

**DO NOT WRITE IN THIS SPACE**

LAST NAME  
FIRST NAME  
MIDDLE NAME  
MAIDEN, if applicable

