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### Architectural Program for New Classroom Building

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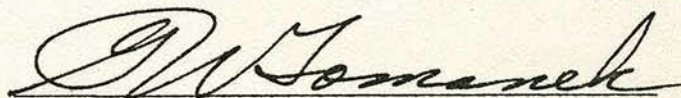
Rarick Hall

ARCHITECTURAL  
PROGRAM  
FOR

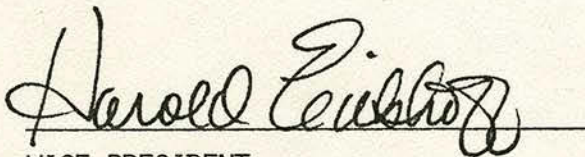
NEW CLASSROOM BUILDING

AS REVISED MAY 12, 1977


APPROVED BY:



PRESIDENT



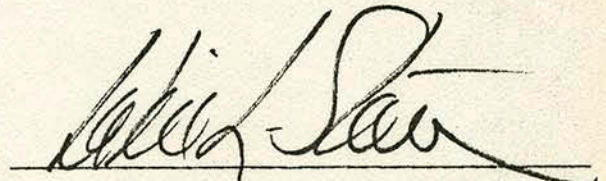
VICE PRESIDENT  
FOR ACADEMIC AFFAIRS



VICE PRESIDENT  
FOR ADMINISTRATION AND FINANCE



DEAN OF ARTS AND SCIENCES



DEAN OF EDUCATION

986-07-18



FORT HAYS STATE UNIVERSITY

REVISED  
MAY 12, 1977

DEPARTMENTS

ART  
ECONOMICS  
EDUCATION  
ENGLISH

SOCIOLOGY

FOREIGN LANGUAGE  
MATHEMATICS  
PHILOSOPHY  
POLITICAL SCIENCE

BUILDING COMMITTEE

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MR. JOHN C. THORNS, JR.

DR. HAROLD EICKHOFF



## FORWARD

The written program for the new classroom building has been completed as a result of many hours of hard work and effort on the part of the faculty building committee. This program points out the very real need of Fort Hays for additional classroom, laboratory, and office space.

Careful inventories of all existing space have been completed along with extensive records of Student Contact Hours by HEGIS discipline and department. Using the space factors suggested by CRS in the Long Range Physical Planning Manual and our records of space condition (satisfactory, obsolete, etc.), we have determined the amount of instructional and non-instructional space genuinely needed by our institution.

This project will provide "satisfactory" space to meet code and safety requirements as well as provide space requirements for teaching and/or learning conditions to meet current standards. This project will replace all 1.0 Instruction space presently shown to be in Obsolete space condition and will provide space to meet the Deficit space needs as reported in the Physical Development Planning Workbook to the Board of Regents.

Numerically, our justification is apparent. But, more importantly, we see the justification on our campus every day in the following:

- 1) either crowded or nonexistent office space for faculty,
- 2) in the changing of regular class times to very inconvenient times for students for lack of classroom space, and
- 3) in the obsolete and dangerous class/lab space in which we must educate our students.



I think you would all agree that quality education can be threatened by lack of or obsolete physical facilities.

The building program outlines our needs, our justification (using the Long Range Physical Plans as approved by the Board of Regents), and an explanation of the obsolete and existing space. We describe such diverse things as our history, enrollment trends, proposed site, and climate conditions. We are anticipating careful study by the architect of the feasibility of solar energy as the primary energy source for the new building. All anticipated fixed and moveable equipment is also described in the program.

Overall, we feel there is a strong, in fact, irrefutable case for a new classroom building at Fort Hays. We feel that we have been conservative by most standards in our requests and genuinely hope you will approve them as they now appear.



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I. INTRODUCTION TO FORT HAYS KANSAS STATE COLLEGE



## INTRODUCTION TO FORT HAYS KANSAS STATE COLLEGE

### History:

Martin Allen, a horticulturist from Ohio, came to Hays in 1873. He, along with other area residents, soon became convinced that scientific studies and experiments were needed to learn how to plant and what crops would grow in the environment of Western Kansas. In 1879, ten years before old Fort Hays was abandoned, Martin Allen and other farsighted individuals sensed the possible abandonment of Fort Hays and presented a series of resolutions and petitions requesting that the use of the land be converted to a college to educate the people.

In 1889, the federal government abandoned the 7,600 acre Fort Hays Military Reservation in Western Kansas and, in 1900, passed legislation to grant the land to the State of Kansas for a state college, an agricultural experiment station and a state park.

In 1901, the college became officially authorized as the Western Branch of the State Normal School at Emporia. The frame hospital building, 125 feet by 25 feet, was repaired and remodeled to become the main college building and the old stone guardhouse, 90 feet by 20 feet, was converted to become the gymnasium and laboratory building for this new 4,160 acre college campus.

On July 23, 1902, the college opened with 34 students, two faculty members and 19 courses on the old Fort Hays grounds. Two years later, after the construction of the first of three wings on Picken Hall (named for the college's first principal William S. Picken), the college was moved to the "flats" adjacent to Big Creek. In addition to the first building, an old hospital building was brought in sections from the fort to the new campus. One section was used as a janitor's residence and the larger portion was used as a classroom, the manual training department, later the dining hall, the band room, and a woodturning and blacksmith shop.

Martin Allen Hall was the second building to be constructed on campus and was at first the gymnasium. Following the construction of Sheridan Coliseum in 1917, Martin Allen Hall became (at various intervals) the library, the Women's Building, the Social Building, and finally, the home for Information Services, the print shops, and offices for faculty.

The first heating and power plant for the college was completed in 1911 at a cost of \$30,000.

Rarick Hall was completed in 1912 and was called the "agricultural building". It was later to become the Industrial Building and in 1953, was remodeled to house the division of education and psychology.



As enrollments continued to increase, the tree-lined campus saw the orderly addition of numerous buildings built of similar limestone and steel structure. Every building on the campus has limestone facing walls. Following the construction of Picken, Martin Allen, Rarick and Sheridan Coliseum, the first residence hall, Custer, was built for single women and men in 1921. Then came a library and classroom building, McCartney Hall, in 1926; a science hall, Albertson, 1928; Lewis Field (football) Stadium, 1936; Davis Hall (art, industrial arts, home economics), 1953; a residence for the college president in 1954; McGrath residence hall, 1955; Agnew residence hall, 1957; the Student Memorial Union, 1958; Wiest residence Hall, 1961; Wooster Place (married students) apartments, 1961; McMinder residence hall, 1963; Malloy (music, speech, radio and TV) 1965; Forsyth Library, 1967; and in 1973, a \$7.5 million complex for health, physical education and recreation classes and a 7,000 seat fieldhouse, M.C. Cunningham Hall and Paul B. Gross Memorial Coliseum.

In 1914, the name of the college was changed from the Western Branch of the State Normal School at Emporia to the Kansas Normal School. In 1915, the college became a member of the North Central Association and has maintained accreditation to this date. In 1931, the college received its present name of Fort Hays Kansas State College and a change of mission from teachers college to a liberal and applied arts college.

#### Mission:

##### General Mission of the Regents' Institutions

In the process of meeting their primary responsibility to serve the higher education needs of Kansas, the Regents' institutions serve the region and the nation as well. The primary vehicle for accomplishing this mission is instruction in the liberal arts and sciences and in selected professional fields. Specific responsibilities include:

The preservation, transmission, and enrichment of our cultural heritage.

Fostering the personal, vocational, and social growth of students.

The provision of a forum for the free development and examination of ideas.

The discovery of new knowledge through programs of basic and applied research.

The dissemination of knowledge and the provision of educationally related services throughout the state.

##### Instructional Mission of Fort Hays Kansas State College

Like the other two colleges, it was founded as a normal school charged principally with the education of teachers. While the preparation of teaching and other personnel for the schools remains a major concern, the



college is now a more nearly comprehensive institution with work through the master's degree in many fields and more advanced work (Ed.S.) in a few. Professional work is offered in the fields of business, nursing, and general agriculture. The college has developed to its present place in part because it is the only publicly-assisted, four-year institution in the western two-thirds of Kansas.

#### Present Status:

Under the mandate from the legislature the college has an open door admission policy for Kansas residents. Kansas ranks high in the number of high school graduates who have gone on to higher education. As a tax-supported, liberal and applied arts institution, Fort Hays Kansas State College has the primary function of serving the needs of people in Kansas regardless of where they may later choose to live.

One-third of the present school administrators in Kansas completed all or part of their preparation at Fort Hays State College. The college is also very strong in grasslands study, the pre-professional training of medical students, the study of agriculture, music, art and business. Education, one of our truly exceptional schools, offers training in such diverse areas as Educational Administration, Counseling, Special Education, and Elementary Education.

The college is the home for the world renowned Sternberg Memorial Museum, which houses some of the most outstanding fossil specimens to be found in North America.

Fort Hays State College serves all people interested in securing a college education and especially those in western Kansas. From its opening day with two faculty members and 34 students, the college has grown to 250 full-time faculty members and more than 5,000 students annually.

In the 112 year history of the State of Kansas, Fort Hays Kansas State College has been and is the only state college in the entire western two-thirds of the state, serving an area consisting of more than 60 counties, approximately 60,000 square miles, and equal to the entire land areas of the states of Pennsylvania, Maryland, and Connecticut.



## II. ENROLLMENT PATTERN



FORT HAYS KANSAS STATE COLLEGE  
Office of Institutional Research

ENROLLMENT ANALYSIS

Fall 1975

ACADEMIC YEAR	UNDERGRADUATE			GRADUATE			TOTAL HEADCOUNT ENROLLMENT		
	N	Increase	% Gain	N	Increase	% Gain	N	Increase	% Gain
1971-72									
Fall	4688	-194	- 4.0%	558	- 2	- .4%	5,246	- 196	- 3.6%
Spring	4284	-222	- 4.9%	556	-44	- 7.3%	4,840	- 266	- 5.2%
Summer	1353	-186	-12.1%	1008	-51	- 4.8%	2,361	- 237	- 9.1%
Total	10,325	-602	- 5.5%	2122	-97	- 4.4%	12,447	- 699	- 5.3%
1972-73									
Fall	4283	-405	- 8.6%	555	- 3	- .5%	4,838	- 408	- 7.8%
Spring	4083	-201	- 4.7%	483	-73	-13.1%	4,566	- 274	- 5.7%
Summer	1893	+540	+39.9%	725	-283	-28.1%	2,618	+ 257	+10.9%
Total	10,259	- 66	- .6%	1763	359	-16.9%	12,022	- 425	- 3.4%
1973-74									
Fall	4027	-256	- 6.0%	576	+21	+ 3.8%	4,603	- 235	- 4.9%
Spring	3568	-515	-12.6%	502	+19	+ 3.9%	4,070	- 496	-10.9%
Summer	1244	-649	-34.3%	1530	+805	+111.0%	2,774	+ 156	+ 6.0%
Total	8839	-1420	-13.8%	2608	+845	+47.9%	11,447	- 595	- 4.8%
1974-75									
Fall	4072	+ 45	+ 1.1%	990	+414	+71.9%	5,062	+ 459	+10.0%
Spring	3703	+135	+ 3.8%	926	+424	+84.5%	4,629	+ 559	+13.7%
Summer	1316	+ 72	+ 5.8%	1764	+234	+15.3%	3,080	+ 306	+11.0%
Total	9091	+252	+ 2.9%	3680	+1072	+41.1%	12,771	+1324	+11.6%
1975-76									
Fall	4104	+ 32	+ .8%	1037	+ 47	+ 4.8%	5,141	+ 79	+ 1.6%
Spring									
Summer									
Total									



III. ACADEMIC PROGRAMS: MISSION, HISTORY, CURRENT PROGRAM, FUTURE PROGRAM



## ART

### Mission:

The Department of Art serves a multi-purpose role within a larger organization of the liberal arts college.

1. To offer courses and degrees at both the undergraduate and graduate levels to prepare professional artists, designers, craftsmen and teachers of art.
2. To promote research in creativity, in experimentation of new materials, techniques and processes.
3. General education courses of the visual arts are provided as a part of the liberal arts curriculum.
4. To serve as the cultural art center acting in the role of leadership for the western part of Kansas.

### History:

After many years in the old Industrial Arts Building, in 1953 the department moved into new quarters in Davis Hall. The quarters, at the time considered adequate, consisted of a large multi-purpose room (Ceramics and Crafts), a classroom (Fundamentals, Art Education and Art History), a weaving studio, and a painting-drawing-design studio. A make-shift classroom (second floor) provided a poor exhibition area for the visual arts. Three full-time faculty made up the teaching staff for less than 100 students, offering a Bachelor of Arts degree as a major which was available at the time.

The department grew, creating a demand for additional staff and space as well as curriculum changes on the undergraduate and graduate levels. The college administration, sensing the importance of the visual arts, provided the old frame storage annex for additional space which was used until a fire destroyed the building in 1966. A temporary metal annex was planned and constructed in the Maintenance Area until a more permanent expanded facilities could be made available at a later date. Ten full-time and one part-time staff members make up the present faculty of the department.

### Current Program:

The degree program offers a Bachelor of Arts degree (45 credit hours), and the professional Bachelor of Fine Arts degree (70 credit hours), covering the full range of the visual arts curriculum. Concentrations in Drawing, Painting, Sculpture, Design (Graphic, Interior, Jewelry, Photography), Ceramics, Print-making, Art Education, Art Therapy, and Art History are available on the undergraduate level. The graduate program provides for the Master of Arts degree (40 credit hours) in the above mentioned studio areas.

Currently 922 students are involved in the various disciplines of the department with 137 undergraduate majors and 55 graduate students in some phase of advanced study. Unfortunately enrollment in certain studio areas has been curtailed because of lack of space and availability of teaching staff.



The department is a center of the visual arts of the western part of the state. The requests, the demands, the programming by numerous high schools, public libraries, junior community colleges and local art clubs for workshops, lectures, and exhibitions have made the services of the department off campus in great demand. It is not unusual for the department to send out a total of 65 exhibitions annually in answer to requests made by various organizations and institutions.

A major responsibility of a cultural center such as the Art Department is to provide current professional exhibitions of all media. The closest major museum is over 250 miles from the campus, and since one of the major objectives of the arts is to encourage and develop sensitivity in the visual experience, exhibitions are a vital part of the program.

#### Future Programs:

There has been continued growth in the departmental offerings and programming despite inadequate space and problems hindering teaching efficiency because the classes and offices are located in several buildings in different parts of the campus. A new facility will improve the teaching environment and research possibilities.

Much of the success of the Department of Art is due to the philosophical environment perpetuated by its staff and students towards creativity. The discipline is dedicated to seeking, searching and developing a sensitive and creative individual. The faculty employs the one-to-one ratio in studio instruction encouraging each student to discover his own potential. This demands the best of teaching staff, and the most modern equipment and materials available in order to develop adequately the aesthetic and creative nature of each human being—a part so often neglected in this technical and computer age.

An institution's fame is based upon a good faculty and strong departments with a reputation—one that can be pointed to with pride of accomplishment. Good designing of a building can provide for the mechanics of teaching, but a department is based upon spirit, achievement and reputation. The Department of Art has all three and desires to perpetuate such an environment of creativity in the new building, and then the growth will continue as it has since 1953.

#### Specific Problems and Inadequacies:

##### Inadequacies:

1. Department enrollment has outgrown original space provided in Davis Hall.
2. The Art Annex provided as a makeshift arrangement because of fire in 1966.
3. Department currently scattered in three locations on campus.



4. Studio classrooms designed for a single function originally now forced to serve multi-purpose demanded by departmental growth.
5. Limited professional environment for the exhibition of art work. Converted classroom for student and professional exhibitions.
6. No space provided for arranging, constructing, packing and unpacking art work.
7. Faculty share offices—up to three in a single office designed for one. No possible office space for any addition to the department staff.
8. Faculty do not have any studio space for research, experimentation, and creative work.
9. No central area for administration, consultation, and secretarial assistance.

Problems:

1. Difficulty in transferring needed equipment and supplies from building to building.
2. Consistent control of records difficult as transferred between buildings and faculty.
3. Limited storage space for tools, supplies, and equipment.
4. Congestion in studio classrooms making traffic flow dangerous at times.
5. Students forced to transport their art work to and from classroom because of limited space.
6. Graduate students share studio space with undergraduate and therefore work cannot be left or stored.
7. Crowded conditions of offices provides the poor environment for advising and consulting.
8. Space problems provides no opportunity to develop new programming or adding updated equipment demanded by the profession.



## ECONOMICS

### Mission:

The basic objective of the Department of Economics is to provide students with an economic education that is firmly grounded in the principles of economics and that exposes students to the methods and techniques used in economic research.

### History:

Previous to 1971, the department was a part of the Department of Business and Economics, and as such offered an A.B. degree in Economics. However, under this relationship the discipline of economics was almost exclusively "service oriented" in that it provided economic education to large numbers of non-economics majors, especially those majoring in Business Administration. In 1971, Economics was separated from Business Administration and became one of the social science departments within the School of Arts and Sciences. As a separate entity, the department continues to function to a significant extent as a service department to Business Administration and various other departments; however, the department now carries between 30 to 40 students as majors. This is in marked contrast to the five or six majors previous to 1971.

### Current Program:

Currently the department enrolls between 500 and 600 students each semester with the anticipation that as students become increasingly "career oriented" this figure will continue to rise. Evidence of the career aspect of today's academic training can be seen in the number of students who option for a dual major program, i.e., Political Science/ Economics, Business Administration/ Economics, etc. It should also be noted that with the restructuring of the general education program that a larger number of students will be taking selected courses within the department for general education purposes.

The academic role of the department has traditionally been that of general education, service to allied departments, and the training of economics majors. Undoubtedly this role will continue to be viewed as the primary responsibility of the department; however, as the College moves into more public service programs for Western Kansas residents it is anticipated that the department will become increasingly involved in the relevant social and economic issues of the area i.e., economic development, health care delivery systems, consolidation of governmental units, etc. This involvement will of necessity place a greater emphasis on research and problem solving.

Recently, the department was authorized to hire an additional faculty member to serve as Director of Employee Relations as well as Assistant Professor of Economics. The duties will be divided three-fourths time teaching and one-fourth time administration. In addition to the new



faculty member a full-time civil service position will accompany the Office of the Director of Employee Relations; thus it is important that sufficient office space and equipment be available for these added positions. This would require one additional office and the necessary accouterments along with a desk, chair, etc., for a civil service employee. Lastly, the department would like to request an additional 30 station classroom for teaching purposes. This request is in keeping with our current student credit hour production.

#### Future Program:

If the department is to perform its traditional role as well as take on the public service role that is envisioned then it is important that the necessary physical facilities be available to accomplish these tasks. The academic role will, of course, require classrooms, office space, seminar/conference rooms, etc. If the public service-research role is to be done with promptness and accuracy then it is imperative that facilities be made available for this purpose. More specifically, this will require access to computer terminals, statistical laboratories, departmental library and research facilities as well as conference/seminar rooms. It is hoped that the academic structure in question will be designed with the above capabilities in mind so that departmental responsibilities can be carried out in a prompt and efficient manner.



## EDUCATION

### Mission:

The mission of the Department of Education is to support the overall broad objective of the college by being of service to the people of Kansas. The goal of the department is to plan and provide opportunities for students majoring in the various areas in education to prepare themselves for satisfying, constructive, responsible, successful living.

The entire academic teacher education program is the responsibility of the Department of Education. Program development includes three major areas: (1) the development of those understandings necessary for proper functioning as an educated person in society, (2) the development of competence in specialized fields to function as a teacher educator, and (3) the development of professional skills and techniques necessary to serve as a teacher educator. The first area of development is supplied by an understanding of liberal and fine arts of the institution. The second area relating to specializations refers to developing competence in subject and fields and in service areas where the individual is to serve as a teacher educator both in liberal and applied disciplines offered by the institution. The third area of development is in acquiring skills and techniques to serve as a competent professional on teacher education. These developments are supplied with few exceptions by the Department of Education. It is the responsibility of the Department of Education to provide the leadership to design programs in teacher education which result in developing competent teacher educators.

### History:

Fort Hays Kansas State College is a major teacher education institution in Kansas and the Midwest. From the time of its establishment, one of its major missions has been the preparation of individuals for teaching and school service. The change in name from Teachers College to State College in 1931 to permit liberal arts emphasis had little affect in changing the purpose of the College. As late as 1960, 70 percent of all students receiving degrees were prepared for teaching at the undergraduate level or for school service positions at the graduate level. While the percentage has declined to slightly less than 50 percent for bachelor degree graduates and 60 percent advanced degree graduates, the importance of teacher education at Fort Hays State continues to be significant. Of the over 20,000 graduates of Fort Hays Kansas State College from 1902 - 1975, it is conservatively estimated that at least 60 percent, or over 12,000, receiving degrees were prepared in some program of teacher education. Added to these graduates would be the many thousands of individuals from Kansas and all over the nation who have enrolled in teacher education courses for specialized preparation or to meet certification requirements.

Historically, there has always been an area of study in teacher education at Fort Hays State. The entire college was geared toward this end in the early days as the school passed through its development from Normal School and



Teachers College to its present liberal and applied arts emphasis. The Department of Education began to take definite form during the thirties. Today, it is the largest single department on the campus with 25 staff members including the chairman.

The Department of Education graduates hold responsible positions in all areas of professional education including teaching, school administration, counseling, service positions, specialized positions, college and university teaching, and college and university administration. The success of our graduates in positions has created a demand for teachers, administrators, and service personnel from the college beyond that of many similar institutions.

Placement records indicate that even though graduates of other institutions are experiencing difficulty in securing positions, this has not been a problem at Fort Hays State. The present concern is that the number of students entering teacher education programs will not keep pace with the demand. It can be anticipated that more students will enter teacher education programs upon realizing that jobs will be available at graduation. One statistic of note is that nearly one-third, 91 of the 309, of the superintendents of Kansas Unified School Districts received an advanced degree or completed course work to qualify for an administrator's certificate through the Department of Education.

#### Current Programs:

The Department of Education now offers both undergraduate and graduate programs in Elementary Education, Secondary Education and Special Education. Graduate programs are provided in Administration, Guidance and Counseling, and Reading. The Department is also engaged in extensive Continuing Education offerings. These are designed for graduate programs, staff development, and certification renewal.

#### A. Undergraduate

##### 1) Elementary

The program in Elementary Education is the college's oldest and quite possibly its best known program. This area has the largest enrollment in the department. The goal of elementary education is to fulfill the mission of the college and the department. The Bachelor of Science in Education degree is granted to majors in elementary education. Programs are designed to prepare pre-school and early childhood, elementary, and upper elementary teachers. The program includes fifty-four (54) credit hours in general education; forty-four (44) credit hours of professional education and areas of academic concentration. A student may choose one broad area of concentration requiring 20-25 credit hours or 2 subject areas of concentration requiring 10-15 credit hours each. If a student does not choose an area of concentration, they select one area of specialization in Bilingual-Bicultural Education—24 credit hours, Early Childhood Education—25-30 credit hours, Library Science—23-25 credit hours, Special Education—24 credit hours, or Special Pathology and Audiology—27-29 credit hours.



One of the strongest educational aspects of elementary education has been laboratory experiences with children for students throughout their college career. Students have the opportunity to observe and participate in the public school any or all semesters they choose. Directed and guided observation and participation sessions run concurrently with children's literature and the junior block which consists of elementary methods of teaching reading, language arts, mathematics, science, and social studies.

## 2) Secondary

The four-year curriculum for a student preparing for secondary teaching leads to a Bachelor of Science, Bachelor of Arts, or Bachelor of Music degree. The student majors in selected area(s) of specialization and completes the professional education course work. Students planning to teach in secondary schools must complete fifty-four (54) credit hours of general education and a twenty-three (23) credit hour sequence of professional education. Major teaching fields offered are art, biological sciences, business, chemistry, economics, English, general science, geology (earth science), health and physical education and recreation, history, home economics, industrial arts, modern languages, mathematics, music, physics, political science, sociology, and speech. Additional fields available are: Driver education, geography, health, journalism, Latin and library science. Special Education areas of mental retardation, learning disabilities, and emotionally disturbed are also available to students preparing to be secondary teachers.

## B. Graduate

### 1) Master's Degree

#### a. Counseling

Programs are available for secondary, post-secondary, agency and elementary counseling. Each program has a 15 credit hour undergraduate prerequisite and a counselor education core of 25 credit hours.

#### b. Educational Administration and Supervision

Programs are generally intended to provide preparation for elementary and secondary school administration. Each program includes 30 credit hours with a minimum of 18 credit hours in seven (7) areas of school administration.

#### c. Elementary Education

Each program consists of a minimum of 30 credit hours. Included is a required professional studies sequence of 16-22 credit hours.

#### d. Early Childhood Education

This 30 credit hour Master's degree program consists of four area requirements—research, curriculum, humanistic and behavioral studies and practicums and electives.



e. Secondary Education

This degree program requires 30 credit hours and has provisions for a 15-18 credit hour minor in a teaching field.

f. Special Education

Degrees may be obtained in teaching the mentally retarded, teaching emotionally disturbed children, specific learning disabilities and elementary and secondary administration and supervision of special education. Each area requires 8-12 credit hours of basic requirements and a 13-15 credit hours major.

2) Specialist Degrees

Programs leading to the Specialist in Education degree may be developed in Counseling, Educational Administration and Reading. A minimum of 30 credit hours is required beyond the Master's level. These programs are planned to meet individual needs and objectives.

Future Program:

The accomplishment of the Department of Education faculty in presenting a modern teacher education program under existing conditions has been remarkable. However, there are limitations. Temporary screens, cardboard box dividers, buckets of water, extension cords running across the floor, experiment materials littering the room are evidence of lack of proper facilities. At peak tutoring sessions, even the hallways must be utilized. Instructors state that some activities must be curtailed or eliminated because of inadequate facilities. Education Department faculty now teach in five buildings spread across the campus. Several of these teaching locations were not designed for the type of instruction required for the courses being taught. Another serious problem is the office space for Education Department faculty. At present, fourteen staff members are assigned two faculty to an office and four are assigned office space in two other buildings.

The proposed facility would alleviate a large percentage of the problems and frustrations experienced by faculty members as they strive towards the stated goals and objectives of the college and the department.

Included in the proposal is designated space for a Student Learning Instructional Center. This center would provide student and faculty with opportunities to implement the goals and objectives of educating outstanding prospective teachers, administrators and special areas personnel. The philosophy of the Department of Education evolves around this center. The faculty believes that to be able to educate and train success-oriented prospective teachers and other school personnel, it is imperative that this space be designated for guiding students' experiences with hand-out materials, directed laboratory sessions, preparing materials, and planned learning experiences and activities.



The proposed classroom needs were based on present enrollment. The proposed faculty office space was based on present and proposed faculty needs. There is a possibility special education will add another faculty member as the program expands. The service areas, reading, guidance and counseling, special education and early childhood education have proposed space relationships for offices, reception rooms, and classrooms and Student Instructional Center to these services for the students and public through cooperative efforts.

The proposed space for faculty and student research has been an incentive. Several faculty members have had plans for research curtailed because of lack of space. A few faculty members are presently engaged in research projects but find it difficult to function.

To be more specific about present and future programs and research activities, each area in the department will be considered separately as follows:

A. Undergraduate

1) Elementary

- a. Areas of concentration specialization within the education department will continue to be developed. At the present, these are in Special Education and Early Childhood. Fort Hays has not met the demand for Early Childhood programs in terms of overall programs or in terms of facilities. The area of Early Childhood needs a center for training teachers to work with children and a commitment to provide all types of materials for this level. Here is one area that may even generate additional programs in terms of an A.A. or diploma level program for pre-school personnel. While other areas of concentration and specialization will continue to mature, the program in Early Childhood is the one that is the particular responsibility of the elementary education unit. Early Childhood shows definite signs of expanding and becoming a greater portion of the overall program based on the number of students during this area of specialization.
- b. While the college has closed circuit T.V., Elementary Education needs access to T.V. taping and monitoring equipment within its area for training purposes, research purposes, and for instruction. Increasingly, there will be a need for video taping and playback capacity in our classrooms. Many elementary schools have these facilities. It is difficult to teach students coming from the public schools having far better equipment and facilities than the college to remain in a service to teachers of Kansas.
- c. Isolation in geographic terms makes it difficult to expose teachers in preparation to the newer environments and instructional concepts that are expected of newly certified teachers. To overcome this, the department would require portable T.V. equipment which faculty members can record to bring back, in so far as possible selected



situations for instructional purposes. Isolation from minorities, e.g., Mexican-Americans, Blacks, Indians, and others is also a problem. This can continue to be of increasing concern. The students have need for portable devices to give them realistic and vicarious experiences which will become increasingly critical. Today, many students eventually teach in more culturally mixed areas than Western Kansas.

- d. Hands on materials are and will increasingly become the real tools of education. There is a need to begin to add games, realia, workshop facilities, and other items to our budget and space allowances. Rooms for such activities require storage facilities, tables for the students to spread out materials, and for tracing, electrical outlets positioned to all parts of the room, one room equipped with power saws, drills, vises, and hammers for construction of teaching devices required in the laboratory experiences in the schools. For Elementary Education to continue to develop into a center for inservice and instruction improvement will require adequate facilities in the years ahead.
- e. Increasingly, the program is involving model teaching as a normal means of instruction. This will demand water in the classroom, puppet theaters, large storage areas, display cases and cabinets. Increasingly, the staff in Elementary Education at Fort Hays will need to demonstrate the way students should be taught to teach. This is impossible in a lecture room environment. Needed are facilities at least as good as poorly equipped elementary schools. Equipment like projectors, screens, audio recorders, etc., are common in elementary school classrooms. Increasingly, there will be a need for materials and instruments that are manipulative.
- f. Over the years, the staff in Elementary Education has offered an increasing number of short conferences in children's literature, early childhood, and reading. As this role increases in the future in the inservice area, there will be a need for facilities for 200-300 persons in one area separated from ongoing classes.

## 2) Secondary

Teacher preparation at Fort Hays in Secondary Education is campus-based and is striving toward more field experiences beyond the actual student teaching block of time. Therefore, building facilities have to be centered around instructional type activities on campus with operations from campus spinning out toward institutional experiences. For the type of instructional activities to take place, it is necessary for demonstration areas, seminar areas, observation areas, and instructional areas to be included in a building program. More specifically:

- a. Facilities should be flexible with classrooms and other student or faculty areas being located off or near some type of a media or information center. This information center could include instructional materials, supplement classroom materials, audio-visual materials, various storage areas for accumulated exhibits and



materials, and areas for students to engage in individual or small group activities with materials.

- b. Classrooms or instructional areas should have movable walls, T.V. hookups, bulletin boards, chalk boards, shelving or storage areas if needed, proper electrical and plumbing needs to fit the type of activities that could be scheduled in these areas by any department or area within a department.
- c. Offices for administrators, instructors, graduate assistants should have adequate storage areas, shelving and bulletin board areas, and private or semi-private areas to hold individual or group conferences within either the office area or immediate vicinity.

## B. Graduate

### 1) Elementary

The graduate program in Elementary Education has been and is quite stable. Continued development of this program will need to be in the areas of instructional improvement. Fort Hays is not now equipped to develop such programs. To do so will require greater attention to laboratory type instruction requiring more hands on materials, table tops as opposed to student's desks, and access to new technology within the classroom. Graduate programs in Special Education will be expanded and thus requires additional classroom and laboratory space. More specifically, a demonstration classroom for working with emotionally disturbed children is essential to the success of such activity. Reading programs will be expanded to include secondary teaching personnel. Practicums and modules require testing areas, laboratories and seminar space. These facilities need to be well acoustitized.

### 2) Administration and Supervision

Programs in educational administration and supervision provide practical as well as theoretical experiences to students enrolled in master's and specialists educational administration degree programs. These programs are planned to meet the individual's needs; therefore, they must offer a great deal of flexibility. Further, Fort Hays is placing a great deal of emphasis on small schools. Due to the wide variety of experiences necessary to provide an adequate program for small school administrators, personalized programs are needed. Thus, there is a great need for independent study rooms. These will be used to focus on specific concepts in the area of educational administration and supervision.

### 3) Counselor Education

The major purpose of the Counselor Education program at Fort Hays State is to prepare counselors to function in the school setting (elementary, secondary, college and vo-tech institutions). It is also recognized that competencies obtained through a counselor education program are



useful in settings, other than educational institutions, where a high degree of interpersonal interaction and involvement is essential. This function will require, therefore, these kinds of spaces: Five faculty offices, one testing room, one general office-receptional area, one seminar or small group room attached to a counseling observation room with one-way glass between. Storage space to include a Psychological test library and storage space for tape recorders, audio and video program tapes, and space for storage of books, papers, and etc.



## ENGLISH

### Mission:

The department of English serves the college and state in three ways: (1) by providing much-needed study, training, and practice in composition for a student population which, in keeping with an unfortunate national trend, is deficient in the skills of effective written communication; (2) by providing not only general education and liberal arts courses for all degree programs but also the Bachelor of Arts degree in English, in support of the College's mission to offer broad undergraduate programs in the liberal arts and sciences; and (3) by providing not only the undergraduate degree, but also the Master of Arts degree in English for prospective and in-service teachers of English in junior and senior high school and community colleges, in support of the College's mission in teacher education.

### History:

The Department of English has been one of the major academic departments at Fort Hays State since the college began offering degrees. Since 1960 alone, the department of English has produced 432 Baccalureate degrees, and as of 1972, there have been at least 100 declared English majors in the program each semester (18.9% of all student credit hours produced in English are for the majors). In the fall of 1975, there was a marked upswing in the number of declared majors—138 counting both undergraduate and graduate.

The department has also offered a graduate level degree for forty-six years. Since 1930, 240 students have earned masters degrees in English. Most of these have remained in Kansas, and many of them are teaching in the large number of community colleges in the state. The English department has also been a leader in Kansas in developing graduate summer institutes for in-service teachers when federal funds were available through NDEA and EPDA legislation. National English Institutes were hosted by the department in 1968 and 1969.

### Current Program:

The department of English provides core programs in support of the entire college; in the fall of 1975, the department generated nearly 5,000 student credit hours, which was the third highest production among all departments at the college. Of these credit hours, 73.9% were at the lower division level, 23.7% were at the upper division level, and 2.5% were at the graduate level. An explanation of the department's role in providing core programs of study in composition, the humanities, and English education will further clarify its mission and the instructional implications for planners of the new building.

The central service program of the department is its composition program. The ability to think clearly and logically and to make sense in written form should be one of the distinguishing marks of the college graduate. Yet, Fort Hays State freshman English ACT scores have dropped steadily in recent years (e.g., from 18.6 in 1974-75 to 17.7 in 1975-76). Although this drop in English ACT scores of new students entering Fort Hays State is sobering, it should be



pointed out that the verbal and writing abilities of college-bound students across the nation are also declining at an alarming rate. The ACT scores do underline the crucial importance of the composition program to help the college students in Kansas to become articulate and literate members of society. Follow-up studies of Fort Hays State graduates clearly indicate that the students continue to regard their study of composition as one of the two most valuable courses taken at the college. In addition to helping the students in all majors and programs to develop acceptable competencies in written communication, the department composition program also supports the Journalism program and provides technical writing in support of the science, nursing, agriculture, business, and pre-engineering programs.

The liberal arts service courses of the department of English are also a major part of the college instructional program. A College education aims at developing the whole man, both intellect and feelings; the study of literature in the humanities plays a major role in this process of development. These courses help provide students with a broad cultural background for the understanding and appreciation of the character and ideals of man and society, thus enabling them to obtain insights into human experiences, to develop self-awareness, and to clarify values and ideas as revealed in literature. By offering general education courses in literature, the department also provides support for pre-professional programs such as pre-law, pre-theology, and pre-medicine.

In addition to its service functions in teaching composition and literature courses in support of the general education program (81.9% of all student credit hours produced in English are for non-majors), the department also offers a well-established program for English majors, both liberal arts graduates and those planning to teach English in the junior/senior high school.

To prepare our English majors, especially those who plan to meet state certification requirements as teachers, we must offer a program which meets accreditation standards of both the State Department of Education and NCATE. This requires a limited number of area of specialization and seminar-type courses, which necessarily have a smaller enrollment. The department also supports teacher education in the Elementary Education program (language arts concentration) and provides the kind of general education courses required by the state for teacher certification.

One of the English department's important contributions is its graduate program. The department offers the Master of Arts in English degree, and provides valuable training and experience to students by awarding several graduate fellowships and assistantships each year. The department also continues to develop innovative degree programs for in-service teachers, and is in its second year of a successful experimental program now. And finally, the department of English provides graduate-level general education and liberal arts courses for non-English majors in support of other graduate programs at the college.



### Future Program:

The department of English anticipates no significant change in its educational program in five years or in ten years. Its threefold mission will continue to be essential to the academic health of the college. The composition program will continue to serve the needs of students (who will continue to matriculate with declining or at least deficient verbal abilities); the literature general education courses will continue to make up a large part of the liberal arts course for non-majors; and the majors in English (both liberal arts and teaching) will remain relatively stable, if not increasing in numbers. The teaching major will continue to be especially strong because of the large region served by Fort Hays State, the basic importance of English in the high school curriculum, and the projected demand for high school teachers in this part of the state. The graduate program will also continue to serve in-service teachers; moreover, the 1977 State Certification requirements for the Administrator Certificate will increase the number of required graduate liberal arts courses in communication, literature, and language from 5 credits to 9-12 credits, so the department will have a larger role to play in graduate service courses in the future.

Planners of the new building should take into account several considerations in meeting the department's needs. To begin with, most of the department of English faculty offices and classrooms are located in Picken Hall, which is scheduled to be renovated and changed from a faculty office-classroom building to an administration building. All of the English faculty offices and classrooms will have to be located in the new building.

The instructional implications of the composition program also have a bearing on the planning of faculty offices and classrooms. The department's policy and practice regarding class size are guided both by our experience with the typical Fort Hays student and by the National Council of Teachers of English Statement of Policy on Workload of the College English Teacher. According to the NCTE Workload Policy, experiments with large-group instruction in composition (including television, team-teaching, and various combinations of large and small-class sections) have not changed the hard fact of English teaching: it is a time-consuming and demanding task and classes must be kept reasonably small. "In all writing courses— especially in freshman composition courses. . .—a reasonable class size is 20 students. In no case should these exceed 25 students" (NCTE Workload Policy). Studies have also shown the importance of making optimum use of appropriate media in each composition classroom, of providing adequate facilities for tutorial sessions (monitored and supervised by graduate assistants), and of providing for conferences between instructor and student. The faculty offices must be approximate to the classrooms, and they must be designed to facilitate conferences between the instructor and two or three students at one time.

Although the literature classes can be larger than composition classes, it is nevertheless "essential that the enrollment in each class be limited to a number which fosters the kind of instruction required for that particular course. The teaching of composition and literature. . . can be done best, perhaps only, in classes small enough to permit discussion. . . . Enrollment in such classes must be severely limited" and classes "should be small enough to provide ample opportunities for discussion, student writing, student conferences, and the close evaluation of student writing" (NCTE Workload Policy).



This means that the classrooms need to be designed to facilitate interaction and discussion as well as small lecture groups of 20 to 40 students; moreover, they need to be equipped with appropriate fixed educational media to allow effective use of the growing software and media programs in English.

The implications of the graduate program for classrooms and offices are also clear. The graduate courses in English normally require small, seminar-type classrooms. Graduate English faculty must also keep abreast of scholarship in English, supervise graduate theses and research papers, administer comprehensive examinations, and counsel frequently with graduate students, especially in offering special independent projects to meet students' needs. These activities all have a significant bearing on the design, space, equipment, and furnishings of English faculty offices.



## FOREIGN LANGUAGE

### Mission:

The department of Foreign Languages serves the college and the state by enabling students to study and master five different foreign languages—French, German, Spanish, Latin, and Russian. The department fulfills its service mission by providing language courses as electives in the humanities component of general education; by providing language study for candidates for the baccalaureate of arts degrees in other majors (e.g., at least nine hours of foreign language is required for the A.B. in English degree); and by providing area of concentration courses for majors who plan to be liberal arts graduates, for majors who plan to teach languages in high school, and for persons in other professional fields who need and can benefit from a good background in foreign language and culture.

### History:

The Language department has offered a degree program at Fort Hays for many years. In the period from 1956 to 1976, the Language department generated 132 undergraduate language majors and 26 graduate language majors, a total of 158 language majors. The department has between 250-300 students enrolled in language classes each semester. Most of the language majors who have graduated from Fort Hays State have remained in Kansas; many of them are teaching in the Kansas High School System.

### Current Program:

The Language department offers full majors in French, German and Spanish as well as a program toward minimum Kansas teaching concentration in Latin and Russian. Study in language can lead either to the Associate of Arts Degree in Humanities (Modern Languages) in French, German, Russian, and Spanish, or to the Bachelor of Arts Degree (both non-teaching and teaching) in French, German, and Spanish.

### Future Program:

The foreign language program will continue to serve the college with its service humanities courses and its teaching and non-teaching major degree programs. A brief statement of the department's projected need for space will help the architects to plan specifically for the department's needs.

All of the Foreign Language faculty offices and classrooms are now located in Picken Hall and will therefore have to be located in the new building, for Picken Hall will eventually be made into an administration building.

By its very nature, language instruction and study requires close interaction between instructor and students. Classes are normally small, ranging in size from five or six students to 25 students in each class. Hence, classrooms, which should be near faculty offices, need not be designed for large lecture groups, but rather for smaller recitation and discussion groups. One of the most important aspects of language study is the individual-



ized and monitored-group instruction that takes place in the language laboratory. This indispensable facility must have special audio and reel-to-reel/cassette recording and playback capabilities, including a master control panel and audio-recording equipment in each of the individualized study carrels. The language laboratory should be located adjacent to the language offices.



## MATHEMATICS

### Mission:

In meeting the needs of students at Fort Hays State and people of the surrounding communities and the state, the Department of Mathematics serves four basic roles.

(1) Various departments across the campus recognize the need for their majors to have a certain degree of mathematical skill in order to function effectively in their particular discipline. The Department of Mathematics offers service courses to meet this need.

(2) In order to be an intelligent citizen, a student needs a basic understanding of mathematics - including fundamental skills and an appreciation of the role which mathematics plays in our culture and society. The Department of Mathematics offers general education courses to meet this need.

(3) To meet the needs of elementary and high schools of the state and to provide teachers for the junior colleges, the Department of Mathematics offers teacher training courses.

(4) Some students aspire to a scientific, technical, or industrial future in some mathematical or scientific field. The Department of Mathematics offers major courses to meet this demand.

### Current Program:

The program of the mathematics department reflects the mission stated above. General education courses are offered each semester and have approximately 700 participants. Many students meet six hours of their general education requirement in mathematics. The pre-calculus sequence is used by many students to develop mathematics skills required for coursework in other departments. The calculus methods course is required in the accounting major. Special courses are offered in the mathematics education program for those interested in becoming elementary or secondary teachers. Advanced theoretical and applied courses are offered for those interested in becoming mathematicians, engineers, or working in scientific fields.

A graduate program is in operation for those mathematics teachers who wish to improve themselves professionally as well as those who are interested in advancing themselves as mathematicians and preparing for further academic training.

### Future Program:

The mathematics department need for classroom and office space will increase in the near future. In the training of mathematics education and pure mathematics majors the emphasis will be shifted toward more applications. This will require more and more use of computers. It will even be desirable to have some basic language methods of training the elementary education



students and in offering the statistics courses will require more work with computers and calculators.

The members of the department need offices in which it is convenient to work with students on a one-to-one basis. We also need private offices where we can concentrate on our own course preparation and study for our own professional advancement. We need space where we can give make-up tests and have group conferences. There is great need for a seminar room for advanced undergraduate, graduate and faculty seminars.



## PHILOSOPHY

### Mission:

Philosophy is as essential to a good liberal arts program as mathematics is to a good physics program. Different areas of philosophy serve the student in different ways. The study of logic benefits him wherever there is a premium on critical, clear thinking. Learning the history of philosophy is one of the best ways to relieve that intellectual provincialism that leaves so many of our nation's citizens babes about anything outside their technical accomplishments in workshops and laboratories. Topical courses such as "Man and Values," "Aesthetics," and "Philosophy of Science" also counteract compartmentalized thinking by investigating the broad ways our assumptions about science, art, politics, religion and ethics relate to one another. Individualized and small group courses are available, such as "Topics in Philosophy." These provide opportunity for maximum student participation and interaction, sharpening the student's ability to think creatively and to defend his views in rational rather than dogmatic ways.

Probably no discipline can boast a more direct relation to the stated objectives of Fort Hays State. One of these objectives is titled "Development of Foundations for Understanding Man." The objective is further explained in terms of "comprehension of the underlying principles" of the sciences in their relation to one another, and so guiding the student that he "asks the essential questions, weighs all possible answers, and distinguishes between facts and opinions." This is little more than a description of the aims of a philosophy program at any liberal arts school. Another stated objective of the college is titled "Appreciation of Cultural Values," involving "study of the values of American society and the values espoused by societies other than our own," "constant appraisal of value systems," and "surrounding students with . . . the finest in the distilled thought of mankind." Certainly no classes at Fort Hays are more directly relevant to these aims than those provided by the philosophy department. Another objective is "The Use of Learning Skills," which "implies vigorous thinking, reading, writing, speaking, listening, and manipulative abilities." These are not only explicitly promoted by logic courses, but they are also inductively reinforced in all philosophy classes by the example of how theories are criticized, defended and ultimately evaluated. A solid program in philosophy is clearly important to the overall mission of the college.

### History:

Philosophy courses were first offered at Fort Hays by Dr. Charles Fisher Wiest. Although he was originally hired in 1920 as an English teacher, President Lewis appointed him Professor of Philosophy and Religion in 1927. His courses were extremely popular among the students. Dr. Wiest retired in 1943. Philosophy was not taught again until 1948 when Dr. Samuel Hamilton, who is still teaching at Fort Hays, was hired as Professor of Philosophy by President Wooster. Dr. Stephen Tramel was added to the department by President Gustad in 1970.



#### Current Program:

The service to Fort Hays State provided by the Philosophy department cannot be measured by the number of students who major in the field. The department does not actively proselytize. In fact, it is always suggested to those who come seeking a philosophy major that they also major in at least one other area. The primary task of the department is to provide a liberalizing supplement to those more technical details associated with the field in which the student has chosen to pursue a career. In terms of rationale, this is analogous to requiring dentistry students to also know rather a lot about medicine in general; teeth are part of the body. Thus, the majority of the students who take philosophy courses at Fort Hays are not philosophy majors. They typically enroll in from one to four of the department's courses to both broaden their education and to develop their logical skills.

Although producing majors is not the primary task of the department, this does not alter the fact that there are some philosophy majors. Nor does it alter the fact that they have done consistently outstanding work when they have chosen to further pursue philosophy in graduate schools at other universities. Their record speaks for itself. For example, one recent major is currently a Danforth Fellow at Yale University. The Danforth award alone places him in a very exclusive group, and he has received "honors" recognition in every class he has taken at Yale. Our philosophy department is small. But the variety and quality of courses offered can prepare a student for graduate studies as well as the staffs of many larger philosophy departments at other institutions.

#### Future Programs:

The program of the department should remain reasonably stable in the foreseeable future. The classroom requirements are comparatively modest. No special equipment of any kind is necessary. All but the two sections of beginning logic offered each semester are relatively small.



## POLITICAL SCIENCE

### Mission:

With the every growing impact of government on the lives of the citizens of this country, the need for highly trained professionals in all aspects of government, law, and politics should be apparent. The goals of the Department of Political Science have been excellence in instruction of our students and service to Western Kansas. New and modern facilities keyed to the goals of our particular programs would incrementally enhance the ability of our professoriate to make better instruction available.

### History:

The Department of Political Science was created as a separate academic discipline in 1939. The Department over the last several years has averaged 120 majors per year. Approximately 366 A.B. degrees and 45 Master of Political Science degrees have been earned in the past 36 years. Of these graduates, approximately 25 percent have become members of the legal profession, 29 percent educators, and 15 percent have gone into government service. Ten percent have gone into business as proprietors or professional management personnel. Approximately three percent are in the U.S. Armed Forces. Over one-half of the graduates have remained in Kansas.

### Current Program:

The curriculum permits a variety of programs which are career-oriented and related to vocational planning as well as a liberal arts education. The programs offered in the Department are as follows: the Prelaw Program; the Public Administration Program; The Foreign Service Program; The American Politics Program; Secondary and Junior College Teaching (Political Science) Program; a Liberal Arts Program for those that are interested in Criminal Justice as a career and the Graduate Program. Of growing importance in the departmental program is the education and training of students for positions in state and local government. The Department offers its services to several local communities and state agencies in planning and directing interns in public administration. The increased demand for well-qualified public administrators places special requirements on the Department for supplying a flexible curriculum to meet the changing and varied needs of government.

### Future Program:

The enhancement of the public administration and governmental internship program is one of the highest priority short-term goals of the Department. Better utilization of our Center for Governmental Information in assisting local government research and planning activities would be a logical step to enhance the public administration program. A related short-term goal includes developing special relationships with graduate schools that have solid international management M.A. programs; curriculum development and proper advising in our foreign service program should be able to facilitate the transition of our undergraduates into these international management graduate programs.



Long-term goals for the Department include the integration of our public service activities and concerns into an Institute of Public Affairs. The Institute would coordinate the public service activities of the Department with special emphasis on enrichment of the liberal arts orientation of the Department. A lecture series to bring professionals from government, law, and politics onto the campus would be an essential component of the Institute. The Institute would encourage students to learn how to build on their undergraduate education when pursuing interests and professional careers in public service.

At present, the departmental facilities and faculty offices are housed on the third floor of Sheridan Coliseum. The facilities are not particularly conducive to the best interaction with students and among the faculty. More important is the fact that we do not have classrooms with appropriate map racks, audio visual facilities, closed circuit TV hardware, or statistics laboratory facilities. We are in dire need of two or three seminar rooms for upper division and graduate courses that can serve small groups of 12-18 people in an environment that is conducive to seminar-type discussion and analysis. Also, we are seriously lacking in medium size classrooms that will accomodate 25-40 students which is the approximate size of most of our upper division courses. It would also be most appropriate to provide for the students in the social and behavioral sciences a lounge area where they could come together for a most important element of college training—discussing ideas with their peers.



## SOCIOLOGY

### Mission:

The goals of the sociology department are: 1) to provide students with a general perspective through which to view their participation in society as informed citizens; 2) to prepare students for a variety of careers which require a knowledge of social organization and social processes, e.g., law enforcement, social work, teaching, business management, mental health and government service; 3) to give students the necessary background for further study leading to careers as professional sociologists.

### History:

Since sociology was given full departmental status in 1970, over 150 persons have received bachelor's degrees in sociology. About 10 percent of these graduates have gone on to receive advanced degrees in sociology, social work, law, and criminal justice. The remainder are now engaged in a variety of occupations, including teaching, probation and parole, counseling and other mental health related positions, social work, and business.

### Current Program:

The program of the sociology department reflects the goals enumerated above. General education courses are offered each semester and attract between five and six hundred students. A twelve-hour sequence of courses in the area of criminal justice serves students who are interested in careers in law, law enforcement, and the administration of justice. Students anticipating careers in secondary teaching may choose from a variety of courses to fulfill certification requirements. Those who are preparing for graduate study in sociology or other disciplines are offered courses in theory and in research methods and statistics, and are given the opportunity to participate in advanced research seminars. Opportunities for independent study and research are given Readings and Problems courses, and in the Internship program, in which students receive academic credit for on the job experiences in a variety of community agencies.

### New Program:

Our need for classroom space will increase in the near future since we have arranged with Wichita State University to offer a B.S. in the Administration of Justice beginning with the fall semester of 1976. The implementation of this program will require the addition of at least two classrooms each semester, each in the 30-40 station category. We shall also need office space for the instructor who will teach these courses. The development of this program will also accentuate our current need for small group meeting spaces. Presently we have no



adequate facilities for meeting with consultants, visiting faculty members, and prospective faculty members. A properly furnished conference room would enhance the quality of these meetings and also eliminate the disruption of faculty schedules which is caused by holding such meetings in faculty offices.

Another development also calls for the addition of new improved facilities. In the recent past, due to changing composition of the sociology faculty and to pressures from the institution, there has been an increasing emphasis upon research activity. This emphasis will increase over the next decade, and will require space other than faculty offices where faculty members can prepare and store research materials, conduct interviews, meet with student research staffs, and have access to data analysis equipment, such as calculators, key punch machines, automatic counting equipment, and a remote computer terminal. Such considerations prompt the requests for a faculty research office, an improved statistics laboratory, and an observation room.

We shall continue also to emphasize the contribution which sociology makes to the general education function. To this end, classrooms of the proper size with the necessary audio-visual equipment will be of great benefit.

#### Proposed Program:

We are also negotiating with Wichita State University for the implementation of a program in the area of Social Work. When in operation, this program will require an additional classroom in the 30-40 station category, and an office for the instructor.



#### IV. STAFFING PATTERN

THE PAGES WHICH FOLLOW CONTAIN A COMPLETE LISTING OF ALL FACULTY MEMBERS WE PROPOSE TO "OFFICE" IN THE NEW CLASSROOM BUILDING. THE PATTERN OF STAFFING HAS NOT ALTERED APPRECIABLY IN THE PAST FIVE YEARS, AND WE DO NOT EXPECT ANY RADICAL CHANGES IN THE NEAR FUTURE.



<u>DEPT.</u>	<u>ADMINISTRATOR AND FACULTY LIST</u>	<u>TITLE OR RANK</u>	<u>FTE</u>
ART	John C. Thorns	Professor; Dept. Chairman	1.0
	Joel C. Moss	Professor	1.0
	Darrell D. McGinnis	Professor	1.0
	Dale Ficken	Associate Prof.	1.0
	Eugene Harwick	Associate Prof.	1.0
	James Hinkhouse	Associate Prof.	1.0
	Joanne Harwick	Assistant Prof.	1.0
	Kathleen Kuchar	Assistant Prof.	1.0
	Francis N. Nichols	Assistant Prof.	1.0
	Zoran Stevanov	Assistant Prof.	1.0
	Connie Adams	Instructor	.2
	Ellen Schiferl	Instructor	1.0
	Graduate Assistants (9)		.9
			<u>12.1</u>
ECON	Jack J. McCullick	Professor; Dept. Chairman	1.0
	Daniel G. Rupp	Associate Prof.	1.0
	Daniel E. Kaufman	Assistant Prof.	1.0
	Carl D. Parker	Assistant Prof.	1.0
	Bill D. Rickman	Assistant Prof.	<u>1.0</u>
			5.0
EDUC	LaVier L. Staven	Professor; Dean of Educ.	1.0
	Vacant	Department Chairman	1.0
	Kenneth R. Baker	Professor	1.0
	Billy C. Daley	Professor	1.0
	Emerald Dechant	Professor	1.0
	Edith Dobbs	Professor	1.0
	Gordon W. Price	Professor	1.0
	William N. Robinson	Professor	1.0
	W. Clement Wood	Professor	1.0
	Raymond E. Youmans	Professor	1.0
	Donald R. Bloss	Associate Prof.	1.0
	Martha Claflin	Associate Prof.	1.0
	William E. Claflin	Associate Prof.	1.0
	M. Rex Cornwell	Associate Prof.	1.0
	Lyman W. Boomer	Associate Prof.	1.0
	Louis C. Fillinger	Associate Prof.	1.0
	Donna Harsh	Associate Prof.	1.0
	Robert E. Jennings	Associate Prof.	1.0
	Arris M. Johnson	Associate Prof.	1.0
	Allen Miller	Associate Prof.	1.0
	William Powers	Associate Prof.	1.0
	James C. Stansbury	Associate Prof.	1.0
	Edward H. Stehno	Associate Prof.	1.0
	Weldon F. Zenger	Associate Prof.	1.0
	Bill Jacobs	Assistant Prof.	1.0
	Peggy C. Price	Instructor	.5
	Doreen Ryabik	Instructor	.2
	Temporary, Part-time		1.0
	Graduate Assistants (9)		<u>1.8</u>
			28.4



<u>DEPT.</u>	<u>ADMINISTRATOR AND FACULTY LIST</u>	<u>TITLE OR RANK</u>	<u>FTE</u>
ENG.	Cliff Edwards	Professor	1.0
	Robert L. Lowen	Professor	1.0
	Alice McFarland	Professor	1.0
	Sam Sackett	Professor	1.0
	Nancy Vogel	Professor	1.0
	Paul A. Gatschet	Assoc. Prof.; Dept. Chairman	1.0
	Michael C. Marks	Associate Prof.	1.0
	David L. Adams	Assistant Prof.	1.0
	Virginia Bornholdt	Assistant Prof.	1.0
	John Doggett	Assistant Prof.	1.0
	Albert Geritz	Assistant Prof.	1.0
	David L. Ison	Assistant Prof.	1.0
	Lorraine M. Jackson	Assistant Prof.	1.0
	John Knight	Assistant Prof.	1.0
	Robert Maxwell	Assistant Prof.	1.0
	Mike Meade	Assistant Prof.	1.0
	Marjorie M. Sackett	Assistant Prof.	1.0
	James (Mike) Walker	Assistant Prof.	1.0
	Dennis Walsh	Assistant Prof.	1.0
	Grace Witt	Assistant Prof.	1.0
	Samuel L. Warfel	Assistant Prof.	1.0
	Graduate Assistants (3)		.6
			<u>21.6</u>
LANG.	Roman Kuchar	Professor; Dept. Chairman	1.0
	Benito Carballo	Professor	1.0
	Elizabeth Hodges	Assistant Prof.	1.0
	Leona Pfeifer	Assistant Prof.	1.0
	DeWayne Winterlin	Assistant Prof.	1.0
			<u>6.0</u>
MATH	Wilmont Toalson	Professor	1.0
	Elton Beougher	Assoc. Prof.; Dept. Chairman	1.0
	Laurence A. Dryden	Associate Prof.	1.0
	Ervin M. Eltze	Associate Prof.	1.0
	Marvin E. Rolfs	Associate Prof.	1.0
	Orville Eugene Etter	Associate Prof.	1.0
	Ellen Veed	Associate Prof.	1.0
	Vivian Baxter	Associate Prof.	1.0
	Susan Bozeman	Assistant Prof.	1.0
	Carolyn Ehr	Assistant Prof.	1.0
	Charles Votaw	Assistant Prof.	1.0
	Graduate Assistant (1)		.2
			<u>11.2</u>
PHIL	Samuel M. Hamilton	Professor	1.0
	Stephen G. Tramel	Assoc. Prof; Dept. Chairman	1.0
			<u>2.0</u>



<u>DEPT.</u>	<u>ADMINISTRATOR AND FACULTY LIST</u>	<u>TITLE OR RANK</u>	<u>FTE</u>
POLS	Donald B. Slechta	Professor; Dept. Chairman	1.0
	Patrick F. Drinan	Professor	1.0
	Richard P. Heil	Assistant Prof.	1.0
	Donald Frazier	Assistant Prof.	1.0
	Michael Sanera	Assistant Prof.	1.0
	Graduate Assistant (1)		.2
			<u>5.2</u>
SOC	W. Nevell Razak	Professor; Dept. Chairman	1.0
	Ronald J. Fundis	Associate Prof.	1.0
	Rose M. Arnhold	Assistant Prof.	1.0
	Keith Campbell	Assistant Prof.	1.0
	Gerry R. Cox	Assistant Prof.	1.0
	Terry Nida, WSU, Criminal Justice		1.0
	New Position		1.0
			<u>7.0</u>



## V. CURRENT FACILITIES

THE CURRENT FACILITIES OCCUPIED BY THE DEPARTMENTS SCHEDULED TO BE MOVED TO THE NEW CLASSROOM BUILDING ARE OUTLINED IN THE TABLES FOLLOWING THIS NARRATIVE. THE MAJORITY OF CURRENT FACILITIES ARE CLASSIFIED AS OBSOLETE OR AS IN NEED OF REMODELING. THOSE SPACES WHICH ARE CLASSIFIED SATISFACTORY ARE TO BE IMMEDIATELY OCCUPIED BY OTHER DEPARTMENTS WHICH HAVE JUSTIFIED PRESSING SPACE NEEDS (NUMERICAL JUSTIFICATION FOR THE SPECIFIC DEPARTMENTS IS AVAILABLE ON REQUEST).

WE CURRENTLY HOUSE 95 FACULTY AND ADMINISTRATORS, 23 TEACHING ASSISTANTS, AND 8 SECRETARIES IN 56,266 PRORATED SQUARE FEET OF SPACE. THIS INCLUDES 9 COMPLETE DEPARTMENTS (OUT OF 24 DEPARTMENTS ON CAMPUS) WHICH SERVE APPROXIMATELY 1,216 HEADCOUNT MAJORS. THIS AMOUNT OF SPACE IS CLEARLY INADEQUATE FOR HOUSING APPROXIMATELY 35% OF OUR TOTAL UNCLASSIFIED PERSONNEL AND 38% OF OUR PROGRAMS WITHOUT EVEN CONSIDERING THE POOR QUALITY OF THE EXISTING SPACE.



FORT HAYS KANSAS STATE COLLEGE  
Office of Institutional Research

PRORATED ROOM USE BY SELECTED DEPARTMENTS AND BUILDING

Fall 1975

DEPT./ROOM USE	BUILDING	NUMBER OF		SQ.FT.	FACULTY	GRADUATE ASSISTANTS	ADMINISTRATORS	STAFF	SECRETARIAL MAJORS
		ROOMS							
<u>ART</u>									
Classroom (110)	Davis	1		1,222					
Classroom Service (115)	Davis	8		163					
Class Lab (210)	Davis	5		3,237					
	Davis Annex	7		4,901					
	subtotal	<u>12</u>		<u>8,138</u>					
Class Lab Service (215)	Davis	9		265					
	Davis Annex	14		1,853					
	subtotal	<u>23</u>		<u>2,118</u>					
Special Class Lab (220)	Davis Annex	1		310					
Non-Class Lab (250)	Davis Annex	3		634					
	Lewis Fld, Bldg U	3		1,200					
	subtotal	<u>6</u>		<u>1,834</u>					
Office (310)	Davis	5		794					
	Davis Annex	5		717					
	subtotal	<u>10</u>		<u>1,511</u>					
Office Services (315)	Davis	2		142					
Exhibition (620)	Davis	1		575					
Exhibition Service (625)	Davis	1		268					
TOTAL		<u>65</u>		<u>16,181</u>	<u>10</u>	<u>9</u>	<u>1</u>	<u>3</u>	<u>161</u>



DEPT/ROOM USE	BUILDING	NUMBER OF ROOMS	SQ. FT.	SECRETARIAT		
				ADMINISTRATORS	STAFF	MAJORS
				GRADUATE ASSISTANTS		
<u>ECONOMICS</u>						
Classroom (110)	Picken	4	695			
	McCartney	3	309			
	Albertson	1	148			
	subtotal	8	1,152			
Office (310)	Picken	1	98			
	Sheridan Coliseum	5	633			
	subtotal	6	731			
TOTAL		14	1,883	3	1	19
<u>EDUCATION</u>						
Classroom (110)	Picken	1	84			
	Rarick	7	5,907			
	Forsythe Library	1	816			
	Cunningham Hall	3	2,074			
	subtotal	12	8,881			
Special Class Lab (220)	Dr. Ed. Trailer	1	511			
Ind. Study Lab (230)	Rarick	1	45			
Ind. Study Lab Service (235)	Rarick	1	219			
Office (310)	Picken	2	242			
	Rarick	20	3,553			
	Lewis Fld, Bldg S	1	120			
	Cunningham Hall	2	233			
	subtotal	25	4,148			
Office Service (315)	Rarick	5	360			
	Lewis Fld, Bldg S	1	28			
	subtotal	6	388			



DEPT/ROOM USE	BUILDING	NUMBER OF ROOMS	SQ.FT.	FACULTY	GRADUATE ASSISTANTS	ADMINISTRATORS	SECRETARIAL	
							STAFF	MAJORS
<u>EDUC. (cont)</u>								
Demonstration (550)	Lewis Fld, Bldg S	5	1,101					
Demonstration Service (555)	Lewis Fld, Bldg S	5	352					
Storage (730)	Rarick	<u>1</u>	<u>168</u>					
TOTAL		<u>57</u>	<u>15,813</u>	<u>33</u>	<u>9</u>	<u>2</u>	<u>10</u>	<u>587</u>
<u>ENGLISH</u>								
Classroom (110)	Picken	11	3,391					
	Sheridan Coliseum	1	86					
	McCartney	3	360					
	Rarick	1	101					
	Cunningham Hall	2	293					
	subtotal	<u>18</u>	<u>4,231</u>					
Office (310)	Picken	10	1,512					
	Martin Allen	8	1,460					
	McCartney	2	465					
	subtotal	<u>20</u>	<u>3,437</u>					
Office Service (315)	Picken	4	86					
TOTAL		<u>42</u>	<u>7,754</u>	<u>16</u>	<u>3</u>	<u>1</u>	<u>5</u>	<u>138</u>
<u>FOREIGN LANGUAGE</u>								
Classroom (110)	Picken	8	730					
	McCartney	2	128					
	Albertson	1	25					
	Malloy	1	47					
	Cunningham Hall	1	159					
	subtotal	<u>13</u>	<u>1,089</u>					



DEPT/ROOM USE	BUILDING	NUMBER OF ROOMS	SQ.FT.	FACULTY	GRADUATE ASSISTANTS	ADMINISTRATORS	STAFF	MAJORS
<u>FOR. LANG. (cont)</u>								
Class Lab (210)	Picken	2	1,235					
Class Lab Service (215)	Picken	2	262					
Office (310)	Picken	3	629					
	Forsythe Library subtotal	1 3	46 675					
Office Service (315)	Picken	1	70					
TOTAL		22	3,331	5	0	1	1	17
<u>MATHEMATICS</u>								
Classroom (110)	Sheridan Coliseum	1	143					
	Albertson subtotal	6 7	2,714 2,857					
Office (310)	Albertson	11	2,180					
Office Service (315)	Albertson	2	225					
TOTAL		20	5,262	9	1	1	2	94
<u>PHILOSOPHY</u>								
Classroom (110)	Picken	3	273					
	McCartney subtotal	1 4	24 297					
Office (310)	Picken	3	321					
TOTAL		7	618	1	0	1	1	5



DEPT/ROOM USE	BUILDING	NUMBER OF ROOMS	SQ.FT.	FACULTY	GRADUATE ASSISTANTS	ADMINISTRATORS	SECRETARIAL	
							STAFF	MAJORS
<u>POLITICAL SCIENCE</u>								
Classroom (110)	Picken	3	210					
	Sheridan Coliseum	1	430					
	McCartney	4	352					
	Albertson	1	61					
	Cunningham Hall	2	354					
	subtotal	<u>11</u>	<u>1,407</u>					
Office (310)	Sheridan Coliseum	7	1,076					
TOTAL		<u>18</u>	<u>2,483</u>	<u>4</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>97</u>
<u>SOCIOLOGY</u>								
Classroom (110)	Picken	4	586					
	Sheridan Coliseum	1	86					
	McCartney	4	330					
	Albertson	1	148					
	Cunningham Hall	1	152					
	subtotal	<u>11</u>	<u>1,302</u>					
Class Lab (210)	Sheridan Coliseum	1	24					
	McCartney	1	233					
	subtotal	<u>2</u>	<u>257</u>					
Office (310)	Sheridan Coliseum	6	1,000					
Office Service (315)	Sheridan Coliseum	1	40					
Conference Room (350)	Sheridan Coliseum	1	342					
TOTAL		<u>21</u>	<u>2,941</u>	<u>4</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>98</u>
GRAND TOTAL		<u>266</u>	<u>56,266</u>	<u>85</u>	<u>23</u>	<u>10</u>	<u>8</u>	<u>1,216</u>



SUMMARY OF USE BY BUILDING

<u>BUILDING</u>	<u>YEAR BUILT</u>	<u>CONDITION</u>	<u>NUMBER OF ROOMS</u>	<u>TOTAL SQUARE FEET</u>
Picken Hall	1904	3 - Needs Major Remodeling	62	10,424
Sheridan Coliseum	1916	4 - Classified Obsolete (Kreuger)	25	3,860
McCartney Hall	1971	1 - Satisfactory	20	2,201
Albertson Hall	1928	2 - Needs Major Remodeling	23	5,501
Davis Hall	1952	1 - Satisfactory	32	6,566
Rarick Hall	1912	4 - Classified Obsolete (Kreuger)	36	10,353
Martin Allen Hall	1905	4 - Classified Obsolete (Kreuger)	8	1,460
Malloy Hall	1965	1 - Satisfactory	1	47
Davis Annex	1968	1 - Satisfactory	30	8,415
Forsythe Library	1967	1 - Satisfactory	2	862
Lewis Field, Building S	1946	5 - Classified Obsolete (Institution)	12	1,601
Trailer for Driver Ed.		1 - Satisfactory	1	511
Cunningham Hall	1973	1 - Satisfactory	11	3,265
Lewis Field, Building U	1946	5 - Classified Obsolete (Kreuger)	3	1,200
<b>TOTAL</b>			<u>266</u>	<u>56,266</u>



## VI. WEEKLY STUDENT CONTACT HOURS AND SPACE FACTORS FOR SELECTED DEPARTMENTS

WHAT FOLLOWS IS A LISTING OF STUDENT CONTACT HOURS BY DEPARTMENT, BY HEGIS CATEGORY, BY STUDENT LEVEL, FOR EACH DEPARTMENT WE ARE PROPOSING BE HOUSED IN THE NEW CLASSROOM BUILDING. WE HAVE ALSO LISTED HERE THE FACTORS SUGGESTED IN THE REGENTS LONG RANGE PHYSICAL PLANNING MANUAL TO BE APPLIED TO STUDENT CONTACT HOURS IN DETERMINING NEEDED SQUARE FEET.



FORT HAYS KANSAS STATE COLLEGE  
Office of Institutional Research

WEEKLY STUDENT CONTACT HOURS FOR SELECTED DEPARTMENTS  
Fall 1975

Department	LD		UD		GI		GII		WSCH TOTAL		
	L*	NL**	L	NL	L	NL	L	NL	L	NL	TOTAL
<u>Education</u> (0800)	250	2,833	2,134	2,205	261	2,160	6	230	2,651	7,428	10,079
<u>English</u> (0600)	86	237		90					86	327	413
(0800)				45						45	45
(1500)		3,316		1,052	6	114			6	4,482	4,488
(2200)				6						6	6
total	86	3,553	--	1,193	6	114	--	--	92	4,860	4,952
<u>Philosophy</u> (1500)		255		30						285	285
<u>Language</u> (1100)	486	31		47		25			486	103	589
(1500)		51								51	51
total	486	82	--	47	--	25	--	--	486	154	640
<u>ology</u> (2200)		1,359	35	1,109					2	2,501	2,503
<u>Economics</u> (2200)		1,173		366						1,539	1,539
<u>Political Sci.</u> (0800)						30				30	30
(2100)				68						68	68
(2200)		549		297	7	5			7	851	858
total	--	549	--	365	7	35	--	--	7	949	956
<u>Mathematics</u> (0700)				118						118	118
(0800)				54		6				60	60
(1700)		2,599		108		58				2,765	2,765
total	--	2,599	--	280	--	64	--	--	--	2,943	2,943
<u>Art</u> (0800)			114	24		6			114	30	144
(1000)	1,408	603	332	443	14	254			1,754	1,300	3,054
(1200)				24						24	24
total	1,408	603	446	491	14	260	--	--	1,868	1,354	3,222

\*LAB (HEGIS Types 1,4,5)

\*NON-LAB (HEGIS Types 0,2,3)



FORT HAYS KANSAS STATE COLLEGE  
Office of Institutional Research  
SPACE FACTORS FOR SELECTED DEPARTMENTS  
Fall 1975

DEPARTMENT	LD FACTOR		UD FACTOR		GI FACTOR		GII FACTOR	
	L	NL	L	NL	L	NL	L	NL
Education (0800)	2.1	1.0	2.1	1.0	2.1	1.0	2.1	1.0
English (0600)	2.1	1.0	6.3	1.0	2.1	1.0	2.1	1.0
(0800)	2.1	1.0	2.1	1.0	2.1	1.0	2.1	1.0
(1500)	1.6	1.0	1.6	1.0	1.6	1.0	1.6	1.0
(2200)	1.6	1.0	1.6	1.0	1.6	1.0	1.6	1.0
Philosophy (1500)	1.6	1.0	1.6	1.0	1.6	1.0	1.6	1.0
Language (1100)	2.5	1.0	2.5	1.0	2.5	1.0	2.5	1.0
(1500)	1.6	1.0	1.6	1.0	1.6	1.0	1.6	1.0
Sociology (2200)	1.6	1.0	1.6	1.0	1.6	1.0	1.6	1.0
Economics (2200)	1.6	1.0	1.6	1.0	1.6	1.0	1.6	1.0
Political Sci. (0800)	2.1	1.0	2.1	1.0	2.1	1.0	2.1	1.0
(2100)	1.6	1.0	1.6	1.0	1.6	1.0	1.6	1.0
(2200)	1.6	1.0	1.6	1.0	1.6	1.0	1.6	1.0
Math (0700)	1.6	1.0	1.6	1.0	1.6	1.0	1.6	1.0
(0800)	2.1	1.0	2.1	1.0	2.1	1.0	2.1	1.0
(1700)	1.6	1.0	1.6	1.0	1.6	1.0	1.6	1.0
Art (0800)	2.1	1.0	2.1	1.0	2.1	1.0	2.1	1.0
(1000)	4.7	1.0	9.4	1.0	9.4	1.0	9.4	1.0
(1200)	4.5	1.0	4.5	1.0	4.5	1.0	4.5	1.0



VII. PROJECTED INSTRUCTIONAL SPACE NEEDS BY  
TOTAL INSTITUTION AND DEPARTMENT USING SPACE FACTORS AND CONTACT HOURS

THE JUSTIFICATION FOR CLASSROOM AND LABORATORY SPACE  
WAS DETERMINED BY MULTIPLYING WEEKLY STUDENT CONTACT HOURS  
TIMES THE FACTORS SUGGESTED IN THE LONG RANGE PHYSICAL  
PLANNING MANUAL. THESE FACTORS HAVE BEEN REVIEWED AND  
APPROVED BY THE KANSAS STATE BOARD OF REGENTS.



## 1.0 SPACE REQUEST SUMMARY AND JUSTIFICATION

### INSTITUTIONAL

1.0 Justified Net Assignable Square Feet (Total Institution)..... 92,018  
(See page 52)

1.0 Requested Net Assignable Square Feet..... 78,466

Difference.....+13,552

### DEPARTMENTAL

1.0 Justified Net Assignable Square Feet (Departmental)..... 78,484  
(See page 76)

1.0 Requested Net Assignable Square Feet..... 78,466

Difference\*.....+ 18

\*Space deficits in other campus departments were not included here. However, we would like to point out that the departments themselves come very close to justifying the entire building. What appears as an excess in square footage requests will be eliminated through the building's utilization by other departments.



FORT HAYS KAN. STATE COLLEGE  
SPACE JUSTIFICATION  
TOTAL INSTITUTION

FALL 1975

CODE	NAME	UNIT	TOTAL ACTIVITY LOAD	ROOM TYPES	GUIDELINE VALUE*	PROJECTED AREA (NASF)	EXISTING SPACE	REQUESTED NEED (NASF)
1.0	Instruction	WSH	59,220	100	1.0	59,220	54,540	Def. 4,680 Obs. 9,817 Total 14,497
		WSH	27,742	200	variable	106,792	86,751	Def. 20,041 Obs. 6,602 Total 26,643
		FTEFS	333.5	300	170	56,695	41,888	Def. 14,807 Obs. 11,777 Total 26,584
		FTEFS	333	400/600	30	9,990	7,733	Def. 2,257 Obs. 0 Total 2,257
<p>**Include existing 1.0 Instruction NASF from Davis Hall "Art" Annex in Classroom Building----- 8,427</p> <p>***Include existing 1.0 Instruction NASF from Picken Hall in Classroom Building-----13,610</p> <p>Total Deficit NASF----- 41,785</p> <p>Total Obsolete NASF----- 28,196</p> <p>Total Needed NASF----- 69,981</p> <p>TOTAL NASF FOR CLASSROOM BUILDING-----92,018</p>								

\* Guideline Values are taken from the "Physical Development Planning Manual" established for the Kansas Board of Regents by Caudill-Rowlett-Scott.  
 \*\* Space in Davis Hall "Art" Annex will be converted to the Print Shop which is now in Martin Allen (Obsolete condition).  
 \*\*\* Space in Picken Hall will be converted to Administration when Picken Hall is remodeled into an Administration Building.

SUMMARY

Justified Instructional (1.0) N.A.S.F. 92,018  
 Factor (Sect. 322.4 PDPM) x 1.5

138,027

Justified Instructional (1.0) GSF



FORT HAYS KANSAS STATE COLLEGE  
1976 BASIS FOR EXISTING + PROJECTED SPACE DATA  
1.0 Instruction only

CS PROGRAM CATEGORY NAME	ACTIVITY LOAD	ROOM TYPES INCL.	EXISTING AREA NASF by CONDITION			SPACE FACTOR Ex. P.	PROJ. AREA NASF	PROJECTED SURPLUS OR (DEFICIT) BY CONDITION		
			S	R1	R2			S	S,R1	S,R1,R2 ALL
#	WSH 57,859	100	18,419	17,363	--	--	1.0	57,859	(39,440)	(22,077) (12,260)
+	WSH 1,361	100	8,941	--	--	6.57	1.0	1,361	7,580	7,580
total	WSH 59,220	100	27,360	17,363	--	--	1.0	59,220	(32,160)	(14,497) (4,680)
#	WSH 23,694	200	48,712	28,617	--	--	--	81,290	(32,578)	(3,961) 2,641
+	WSH 4,048	200	2,820	--	--	.696	6.3	25,502	(22,682)	(22,682) (22,682)
total	WSH 27,742	200	51,532	28,617	--	--	--	106,792	(55,260)	(26,643) (20,041)
#	FTEFS 306.3	300	14,500	9,902	--	--	170	52,071	(37,571)	(27,699) (15,892)
+	FTEFS 27.2	300	5,709	--	--	209.8	170	4,624	1,085	1,085
total	FTEFS 333.5	300	20,209	9,902	--	--	170	56,695	(36,486)	(26,614) (14,807)
#	FTEFS 305.8	400/600	6,379	--	--	--	30	9,174	(2,795)	(2,795) (2,795)
+	FTEFS 27.2	400/600	1,354	--	--	49.8	30	816	538	538
total	FTEFS 333.0	400/600	7,733	--	--	--	30	9,990	(2,257)	(2,257) (2,257)
1.0 Instruction only from Picken Hall		100			6,403					
		200			5,088					
		300			2,119					
Total					13,610					
NASF from Picken Hall to be included in Classroom Building.										
1.0 Instruction only from Davis Hall "Art" Annex		200		7,874						
		300		553						
Total				8,427						
NASF from Davis Hall "Art" Annex to be included in Classroom Building.										

\*Totals indicate change in Fall 1973 due to occupying new Physical Education Facility in Fall 1973.  
#Indicates total for Fall 1971 less Physical Education.  
+Indicates total for Fall 1973 Physical Education only.

Parick Hall (NASF 13,926), Martin Allen (NASF 6,380) and Sheridan Coliseum (NASF 40,488) are classified as Obsolete condition space, and are scheduled to be razed. Picken Hall (NASF 23,591) is scheduled for Major Remodel for conversion to new Administration Building for the campus. The Print Shop, now housed in Martin Allen, will be moved to the space vacated in Davis Hall "Art" Annex by the Art Department.



FORT HAYS KANSAS STATE COLLEGE  
Office of Institutional Research  
WEEKLY STUDENT CONTACT HOURS AND SPACE FACTORS  
FOR SELECTED DEPARTMENTS  
Fall 1975

DEPARTMENT	WSCH LD		LD FACTOR		LD TOTAL	
	L <sup>1</sup>	NL <sup>2</sup>	L	NL	L	NL
Education (0800)	250	2,833	2.1	1.0	525	2,833
English (0600)	86	237	2.1	1.0	181	237
(0800)			2.1	1.0		
(1500)		3316	1.6	1.0		3316
(2200)			1.6	1.0		
total	<u>86</u>	<u>3553</u>			<u>181</u>	<u>3553</u>
Philosophy (1500)		255	1.6	1.0		255
Language (1100)	486	31	2.5	1.0	1,215	31
(1500)		51	1.6	1.0		51
total	<u>486</u>	<u>82</u>			<u>1,215</u>	<u>82</u>
Sociology (2200)		1359	1.6	1.0		1359
Economics (2200)		1173	1.6	1.0		1173
Political Science (0800)			2.1	1.0		
(2100)			1.6	1.0		
(2200)		549	1.6	1.0		549
total	<u>—</u>	<u>549</u>			<u>—</u>	<u>549</u>
Math (0700)			1.6	1.0		
(0800)			2.1	1.0		
(1700)		2599	1.6	1.0		2599
total	<u>—</u>	<u>2599</u>			<u>—</u>	<u>2599</u>
Art (0800)			2.1	1.0		
(1000)	1408	603	4.7	1.0	6618	603
(1200)			4.5	1.0		
total	<u>1408</u>	<u>603</u>			<u>6618</u>	<u>603</u>

<sup>1</sup>L = LAB (HEGIS Types 1,4,5)

<sup>2</sup>NL = NON-LAB (HEGIS Types 0,2,3)



DEPARTMENT	WSCH UD		UD FACTOR		UD TOTAL	
	L	NL	L	NL	L	NL
Education (0800)	2134	2205	2.1	1.0	4481	2205
English (0600)		90	6.3	1.0		90
(0800)		45	2.1	1.0		45
(1500)		1052	1.6	1.0		1052
(2200)		6	1.6	1.0		6
total	—	1193			—	1193
Philosophy (1500)		30	1.6	1.0		30
Language (1100)		47	2.5	1.0		47
(1500)			1.6	1.0		
total	—	47			—	47
Sociology (2200)	35	1109	1.6	1.0	56	1109
Economics (2200)		366	1.6	1.0		366
Political Science (0800)			2.1	1.0		
(2100)		68	1.6	1.0		68
(2200)		297	1.6	1.0		297
total	—	365			—	365
Math (0700)		118	1.6	1.0		118
(0800)		54	2.1	1.0		54
(1700)		108	1.6	1.0		108
total	—	280			—	280
Art (0800)	114	24	2.1	1.0	239	24
(1000)	332	443	9.4	1.0	3121	443
(1200)		24	4.5	1.0		24
total	446	491			3360	491



DEPARTMENT	WSCH GI		GI FACTOR		GI TOTAL	
	L	NL	L	NL	L	NL
Education (0800)	261	2,160	2.1	1.0	548	2,160
English (0600)			2.1	1.0		
(0800)			2.1	1.0		
(1500)	6	114	1.6	1.0	10	114
(2200)			1.6	1.0		
total	<u>6</u>	<u>114</u>			<u>10</u>	<u>114</u>
Philosophy (1500)			1.6	1.0		
Language (1100)		25	2.5	1.0		25
(1500)			1.6	1.0		
total						
Sociology (2200)			1.6	1.0		
Economics (2200)			1.6	1.0		
Political Science (0800)		30	2.1	1.0		30
(2100)			1.6	1.0		
(2200)	7	5	1.6	1.0	11	5
total	<u>7</u>	<u>35</u>			<u>11</u>	<u>35</u>
Math (0700)			1.6	1.0		
(0800)		6	2.1	1.0		6
(1700)		58	1.6	1.0		58
total	<u>—</u>	<u>64</u>			<u>—</u>	<u>64</u>
Art (0800)		6	2.1	1.0		6
(1000)	14	254	9.4	1.0	132	254
(1200)			4.5	1.0		
total	<u>14</u>	<u>260</u>			<u>132</u>	<u>260</u>



DEPARTMENT	WSCH G II		G II FACTOR		G II TOTAL	
	L	NL	L	NL	L	NL
Education (0800)	6	230	2.1	1.0	13	230
English (0600)			2.1	1.0		
(0800)			2.1	1.0		
(1500)			1.6	1.0		
(2200)			1.6	1.0		
total	--	--			--	--
Philosophy (1500)			1.6	1.0		
Language (1100)			2.5	1.0		
(1500)			1.6	1.0		
total	--	--			--	--
Sociology (2200)			1.6	1.0		
Economics (2200)			1.6	1.0		
Political Science (0800)			2.1	1.0		
(2100)			1.6	1.0		
(2200)			1.6	1.0		
total	--	--			--	--
Math (0700)			1.6	1.0		
(0800)			2.1	1.0		
(1700)			1.6	1.0		
total	--	--			--	--
Art (0800)			2.1	1.0		
(1000)			9.4	1.0		
(1200)			4.5	1.0		
total	--	--			--	--



DEPARTMENT	WSCH TOTAL		
	L	NL	TOTAL
Education (0800)	2651	7428	10079
English (0600)	86	327	413
(0800)		45	45
(1500)	6	4482	4488
(2200)		6	6
total	<u>92</u>	<u>4860</u>	<u>4952</u>
Philosophy (1500)		285	285
Language (1100)	486	103	589
(1500)		51	51
total	<u>486</u>	<u>154</u>	<u>640</u>
Sociology (2200)	35	2468	2503
Economics (2200)		1539	1539
Political Science (0800)		30	30
(2100)		68	68
(2200)	7	851	858
total	<u>7</u>	<u>949</u>	<u>956</u>
Math (0700)		118	118
(0800)		60	60
(1700)		2765	2765
total	<u>      </u>	<u>2943</u>	<u>2943</u>
Art (0800)	114	30	144
(1000)	1754	1300	3054
(1200)		24	24
total	<u>1868</u>	<u>1354</u>	<u>3222</u>



DEPARTMENT	TOTAL PROJECTED CLASSROOM AND LABORATORY SQ. FEET		
	L	NL	TOTAL
Education (0800)	5567	7428	12995
English (0600)	181	327	508
(0800)		45	45
(1500)	10	4482	4492
(2200)		6	6
total	<u>191</u>	<u>4860</u>	<u>5051</u>
Philosophy (1500)		285	285
Language (1100)	1215	103	1318
(1500)		51	51
total	<u>1215</u>	<u>154</u>	<u>1369</u>
Sociology (2200)	56	2468	2524
Economics (2200)		1539	1539
Political Science (0800)		30	30
(2100)		68	68
(2200)	11	851	862
total	<u>11</u>	<u>949</u>	<u>960</u>
Mathematics (0700)		118	118
(0800)		60	60
(1700)		2765	2765
total	<u>—</u>	<u>2943</u>	<u>2943</u>
Art (0800)	239	30	269
(1000)	9871	1300	11171
(1200)		24	24
total	<u>10110</u>	<u>1354</u>	<u>11464</u>
Grand Totals	17,150	21,980	39,130



VIII. DETAIL OF REQUESTED SPACE BY DEPARTMENT



			DEPARTMENT		Art				
Floor Plan Number	Number of Rooms	Title	Room Type	Student Stations	Hrs/Wk Each Room	Gross Sq.Ft. Each Room	Total Hrs/Wk	Total Gross Sq.Ft.	Total Net Assignable Sq. Ft.
101	1	Art History Lecture	100	90	30	1350	30	1350	1350
102	1	Seminar Room	100	20	20	450	20	450	302
201	1	Art Educ.-Art History Classroom	100	30	30	1000	30	1000	1000
202	1	Fundamentals Classroom	100	30	30	1000	30	1000	1000
<hr/>									
104	1	Foundry	200					500	
105	1	Wax Studio	200					375	
106	1	Welding	200					375	
107	1	Wood and Stone Sculpture	200					450	
108	1	Graduate Sculpture	200					360	
109	1	Model Studio	200					900	
110	1	Storage	200					60	
111	1	Enameling	200					180	
112	1	Storage	200					180	
113	1	Handcrafts	200					900	
114	1	Kiln Room	200					300	
120	1	Storage	200					120	
116	1	Glazing Room	200					300	
115	1	Drying Room	200					150	
117	1	Graduate Ceramic Studio	200					400	
118	1	Ceramic Lab-Forming Room	200					840	
119	1	Ceramic Lab-Throwing Room	200					750	
120	1	Jewelry	200					700	
121	1	Storage	200					100	
122	1	Storage	200					50	
201	1	Printmaking	200					1230	
202	1	Storage	200					100	
203	1	Graduate Printmaking Studio	200					250	
204	1	Photography	200					200	
205	1	Storage	200					200	
206	1	Dark Room	200					200	
207	1	Serigraph-Collograph Studio	200					500	
208	1	Storage	200					100	



Floor Plan Number	Number of Rooms	Title	Room Type	Student Stations	Hrs/Wk		Gross Sq.Ft. Each Room	Total Hrs/Wk	Total Gross Sq.Ft.	Total Net Assignable Sq.Ft.
					Each	Room				
209	1	Basic Design-Fiber Design	200						600	
210	1	Interior Design-Graphic Design	200						1000	
211	1	Graduate Painting Studio	200						600	
214	1	Spray Painting Room	200						200	
213	1	Painting Studio	200						1600	
215	1	Framing Room	200						200	
212	1	Storage	200						200	
219	1	Graduate Drawing	200						300	
216	1	Drawing	200						900	
218	1	Storage	200						150	
217	1	Dressing Room	200						50	
N	1	Faculty Office/Studio	300						225	
P	1	Storage (Secretary)	300						100	
M	1	Reception (Secretary)	300						460	
L	1	Chairman's Studio	300						150	
K	1	Chairman's Office	300						240	
J	1	Art Historian Office	300						180	
A-1	9	Faculty Office/Studio	300						2160	
0	1	GA Office	300						200	
122	1	Slide Library	500						360	
123	1	Projector/Film Storage	500						60	
124	1	Freight-Exhibition Workroom	600						300	
125	1	Visual Arts Center	600						1600	
126	1	Collection Storage	600						500	



DEPARTMENT Economics

Floor Plan Number	Number of Rooms	Title	Room Type	Student Stations	Hrs/Wk Each Room	Gross Sq.Ft. Each Room	Total Hrs/Wk	Total Gross Sq.Ft.	Total Net Assignable Sq.Ft.
	1	Classroom	100	125-150	6	2250	6	2250	450
	1	Classroom	100	65-75	9	1125	9	1125	338
	1	Classroom	100	20-40	9	600	9	600	180
	1	Seminar Room	100	10-15	6	225	6	225	45
									1013
2	4	Faculty Offices	300			140		560	
1	1	Chairman's Office	300			240			
13-14	1*	Reception Area Office	300			(86)			
13-14	2*	Adjoining Student Offices	300			(225)			
15	1*	Equipment Storage Area	300			(40)			
16	1	Conference Room	300			(400)			
3	1	Library Research Rooms	400			600			

\*Shared with Political Science and Sociology

Figure in parenthesis is 1/3 of room's sq.ft.



DEPARTMENT Education

Floor Plan Number	Number of Rooms	Title	Room Type	Student Stations	Hrs/Wk Each Room	Sq.Ft. Each Room	Total Hrs/Wk	Total Gross Sq.Ft.	Total Net Assignable Sq. Ft.
45-48	4	Seminar Rooms	100	20	20	400	80	1600	1072
51-52	2	Classrooms	100	50	30	750	60	1500	1500
79-82	2	Seminar Rooms	100	50	30	800	60	1600	1600
83	1	Classroom	100	100	15	1600	15	1600	800
86	1	Lecture Hall	100	250	9	3750	9	3750	1125
78	1(4)*	Classroom	100	125	20	1875	20	1875	1250
									7347
8	1	Locked Storage	200			160		160	
27	1	Classroom for Reading Imp.	200			1200		1200	
28	16	Tutoring rooms (reading)	200			80		1280	
29-31	3	Testing rooms (reading)	200			100		300	
32	1	Observation room (reading)	200			300		300	
37	10	Tutoring rooms (reading)	200			80		800	
43	1	Classroom/Lab	200			1200		1200	
44	1	Classroom/Lab	200			1600		1600	
65	1	Storage	200			220		220	
77	1	Calculators	200			120		120	
70	1	Testing room	200			180		180	
1-7	7	Faculty Offices & Storage (Elem. Educ.)	300			140		980	
10	6	Admin Off., Stor., Recept.	300					1700	
11	1	Graduate & Cont. Ed. Office	300			192		192	
13-18	6	Faculty Office & Storage (Secondary Educ.)	300			140		840	
26	1	Secretarial Pool	300			800		800	
33	1	Storage	300			120			
34-35	2	Faculty Offices (reading)	300			140		280	
36	1	Reception (reading)	300			400		400	
53	1	Special Educ. Office	300			252		252	
54	1	Seminar room (Spec. Educ.)	300			252		252	
55	1	Special Educ. Office	300			196		196	
56	1	Reception (Spec. Educ.)	300			320		320	



<u>Floor Plan Number</u>	<u>Number Of Rooms</u>	<u>Title</u>	<u>Room Type</u>	<u>Student Stations</u>	<u>Hrs/Wk Each Room</u>	<u>Gross Sq.Ft. Each Room</u>	<u>Total Hrs/Wk</u>	<u>Total Gross Sq.Ft.</u>	<u>Total Net Assignable Sq.Ft.</u>
55-60	4	Special Educ. Office	300			140		560	
84	1	Reception Area (Dean)	300			192		192	
84	1	Dean of Educ. Office	300			240		240	
68	1	Storage	300			280		280	
69	1	Reception (Counseling)	300			300		300	
72-76	5	Faculty Offices (Counseling)	300			140		700	
19-23	5	Independent Study/Research	250					600	
38-42	5	Independent Study/Research	250					500	
25	1	Faculty Library	400			480		480	
49	1	Student Learning Inst. Ctr.	400			3060		3060	
66	1	Simulated Practicum	500			480		480	
71	1	ERIC Storage	500			45		45	

\*1 room with flexible walls.



DEPARTMENT English

Floor Plan Number	Number of Rooms	Title	Room Type	Student Stations	Hrs/wk Each Room	Gross Sq.Ft. Each Room	Total Hrs/wk	Total Gross Sq.Ft.	Total Net Assignable Sq.Ft.
	2	Classrooms	100	20	9	300	18	600	180
	1	Seminar Room	100	10	6	300	6	300	114
	2	Seminar Rooms	100	15	34	450	68	900	900
	2	Classrooms	100	25	11	375	22	750	278
	2	Classrooms	100	30	17	450	34	900	510
	3	Classrooms	100	35	30	525	90	1575	1575
	2	Classrooms	100	40	10	600	20	1200	396
	1	Classroom	100	45	3	675	3	675	68
	1	Classroom	100	55	3	825	3		83
									4104
	1	English Tutorial Center	410			625			
	1	Chairman's Office & Stor.	300			340			
1-14	15	Faculty Office	300			140		2100	
	1	Comp Director	300			240			
	1	Grad Student Office	300			240			
	1	Reception Area	300			225			
	1	Workroom	300			100			
	3	Storage Closets	300			200			
	1	Conference Room	300			256			
	3	Journalism Faculty Offices	300			360			
	1	Journalism Chairman's Office	300			240			
	1	Journ. Reception Area	300			170			
	1	Photo Chairman's Office	300			168			
	1	Photo Reception Area	300			240			



		DEPARTMENT		Language						
Floor Plan Number	Number of Rooms	Title	Room Type	Student Stations	Hrs/Wk Each Room	Gross Sq.Ft. Each Room	Total Hrs/Wk	Total Gross Sq.Ft.	Total Net Assignable Sq.Ft.	
	2	Classrooms	100	50	9	750	18	1500	450	
	2	Classrooms	100	25	30	375	60	750	750	
									<u>1200</u>	
1	1	Language Lab	200			625		625		
5,6	1	Storage	200			100		100		
8	4	Faculty Offices	300			140		560		
7	1	Chairman's Office	300			240				
4	1	Reception Area & Files	300			240		240		
3	1	Library Room	400			100		100		
2	1	A.V. Room	500			200		200		



DEPARTMENT Mathematics

Floor Plan Number	Number of Rooms	Title	Room Type	Student Stations	Hrs/Wk Each Room	Gross Sq. Ft. Each Room	Total Hrs/Wk	Total Gross Sq. Ft.	Total Net Assignable Sq. Ft.
not on floor plan	3	Classroom	100	50	30	1000	90	3000	3000
10	1	Classroom	100	30	35	450	35	450	450
	1	Seminar Room	100	15	30	252	30	252	252
									<u>3702</u>
7	1	Faculty GA Office	300			140		1400	
5-6	10	Faculty Offices	300			140		1400	
4	1	Chairman's Office	300			240		240	
1	1	Reception Area	300			273			
2	1	Workroom	300			112			
3	1	Supply Room	300			80			
8	1	Library Study Room	400			196			
not on floor plan	1	Math Laboratory	400			500			



DEPARTMENT Philosophy

<u>Floor Plan Number</u>	<u>Number of Rooms</u>	<u>Title</u>	<u>Room Type</u>	<u>Student Stations</u>	<u>Hrs/Wk Each Room</u>	<u>Gross Sq.Ft. Each Room</u>	<u>Total Hrs/Wk</u>	<u>Total Gross Sq.Ft.</u>	<u>Total Net Assignable Sq.Ft.</u>
	1	Seminar Room	100	15	4	225	4	225	30
	1	Classroom	100	25	14	375	14	375	176
	1	Classroom	100	50	6	450	6	450	90
									<u>296</u>
	1	Faculty Office	300			140		140	
	1	Chairman's Office	300			240		240	
	1	Reception Area	300			225		225	
	1	Storage	300			200		200	



DEPARTMENT      Political Science

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Floor Plan Number	Number of Rooms	Title	Room Type	Student Stations	Hrs/Wk Each Room	Gross Sq.Ft. Each Room	Total Hrs/Wk	Total Gross Sq.Ft.	Total Net Assignable Sq.Ft.
	1	Seminar Room	100	22	20	330	20	330	221
	1	Classroom	100	50	20	750	20	750	503
	1	Classroom	100	35	20	525	20	525	352
									<u>1076</u>
5	1	Chairman's Office	300			240		240	
6	5	Faculty Offices	300			140		700	
15	1	Storage Room	300			96		96	
13-14	1*	Reception Area Office	300			(87)		(87)	
13-14	2*	Adjoining Student Offices	300			(225)		(225)	
15	1*	Equipment Storage Area	300			(40)		(40)	
7	1	Library	400			600		600	

\*shared with Sociology and Economics

Figure in parenthesis is 1/3 of room's sq. ft.



DEPARTMENT Sociology

Floor Plan Number	Number of Rooms	Title	Room Type	Student Stations	Hrs/Wk Each Room	Gross Sq.Ft. Each Room	Total Hrs/Wk	Total Gross Sq.Ft.	Total Net Assignable Sq.Ft.
	1	Classroom	100	150	9	2250	9	2250	675
	2	Classrooms	100	80	9	1200	18	2400	720
	4	Classrooms	100	35	9	525	36	2100	630
	1	Classroom	100	20	6	300	6	300	60
	2	Seminar Rooms	100	20	30	100	30	300	300
									<u>2385</u>
10	1	Faculty Research Office	250			625		625	
	1	Storage	255			96		96	
11	1	Statistics Lab	200			625		625	
8	1	Chairman's Office	300			240		240	
9	7	Faculty Office	300			140		980	
17	1	Conference Room	300			400		400	
13-14	1*	Reception Area Office	300			(87)		(87)	
13-14	2*	Adjoining Student Offices	300			(225)		(225)	
15	1*	Equipment Storage Area	300			(40)		(40)	

\*Joint space for Sociology, Political Science, and Economics.



IX. TOTAL SPACE OCCUPIED, JUSTIFIED, AND REQUESTED BY DEPARTMENT



The following pages summarize the space currently occupied by the nine departments scheduled to be housed in the new building, their requests for new space, and numerical justification for those requests.

In some cases, the requests exceed the numerical justification. This we attribute primarily to the small size of Fort Hays. Many programs require the same amount of space for special equipment and students whether there are 50 or 500 students—the room is simply used more or less frequently. Again, in many cases, these "program specific" rooms cannot be used for any other purpose (e.g., art). This is especially true in disciplines requiring lab, research, and equipment space. Large institutions have no problems justifying their space using solely numerical indices—i.e., student contact hours whereas Fort Hays, with a very real space need, finds numerical justification very difficult. Whereas we both have a real need, for example, for a 30 student station painting studio with permanent fixtures for our art majors, the larger institution will be able to utilize it 30 hours a week at 2 X the student contact hours while Fort Hays needs it only 15 hours a week with its corresponding student contact hours. Yet, the room is unusable for any other department. This dilemma results in excess requests by department over their solely numerical justification.



## 1.0 SPACE REQUEST SUMMARY AND JUSTIFICATION

### INSTITUTIONAL

1.0 Justified Net Assignable Square Feet (Total Institution)..... 92,018  
(See page 52)

1.0 Requested Net Assignable Square Feet..... 78,466

Difference..... + 13,552

### DEPARTMENTAL

1.0 Justified Net Assignable Square Feet (Departmental)..... 78,484  
(See page 76)

1.0 Requested Net Assignable Square Feet..... 78,466

Difference\*..... + 18

\*Space deficits in other campus departments were not included here. However, we would like to point out that the departments themselves come very close to justifying the entire building. What appears as an excess in square footage requests will be eliminated through the building's utilization by other departments.



FORT HAYS KANSAS STATE COLLEGE  
SUMMARY OF CURRENT ROOM OCCUPATION BY ROOM TYPE  
FOR SELECTED DEPARTMENTS

Fall 1975

CLASSROOM BUILDING

100 Classroom Facilities	200 Laboratory Facilities	Research Laboratory Types 250,255	300 Office Facilities	400 Study Facilities	500 Special Use Facilities	600 General Use Facilities	700 Supporting Facilities	Total
<u>ART</u> 1,285	12,400		1,653			843		16,181
<u>ECONOMICS</u> 1,152			731					1,883
<u>EDUCATION</u> 8,881	775		4,536		1,453		168	15,813
<u>ENGLISH</u> 4,231			3,523					7,754
<u>FOREIGN LANGUAGE</u> 1,089	1,497		745					3,331
<u>MATHEMATICS</u> 2,857			2,405					5,262
<u>PHILOSOPHY</u> 297			321					618
<u>POLITICAL SCIENCE</u> 1,407			1,076					2,483
<u>SOCIOLOGY</u> 1,302	257		1,382					2,941
<u>TOTAL</u> 22,501	14,929		16,372		1,453	843	168	56,266



FORT HAYS STATE UNIVERSITY

SUMMARY OF NEW BUILDING REQUESTS BY ROOM TYPE FOR SELECTED DEPARTMENTS

DEPARTMENT	100 CLASSROOM FACILITIES 1.1	200 LABORATORY FACILITIES 1.1 5.3	RESEARCH LABORATORY TYPES 250,255 2.2	300 OFFICE FACILITIES 1.1 4.6 5.3	400 STUDY FACILITIES 1.1	500 SPECIAL USE FACILITIES 1.1	600 GENERAL USE FACILITIES 4.2 1.1	700 SUPPORTING FACILITIES 4.4	TOTAL
Art	(3652)	16,570		3715		420	2200		26,557
Economics	(1013)			1131	600				2,744
Education	(7347)	7,180 180	1100	6892 432 1280	3540	480			28,431
English	(4104)			4879	625				9,608
Language	(1200)	725		1040	100	200			3,265
Mathematics	(3702)			2245	696				6,643
Philosophy	(296)			805					1,101
Poli. Sci.	(1076)			1388	600				3,064
Sociology	(2385)	625	721	1972					5,703
Institution		14,225					900	1000	1,700
Total	(24,775) 14,225	25,100 180	1821	24,067 432 1280	6161	1100	2200 900	1000	(89,016) 78,466

(See attached classroom request for total institution)



FORT HAYS STATE UNIVERSITY  
Office of Institutional Research

GENERAL CLASSROOMS

<u>Number of Student Stations per room</u>	<u>Hours Used per Week</u>	<u>Sq.Ft. per Student Station</u>	<u>Number of Rooms</u>	<u>Average Hrs. Used per Week per Room</u>	<u>Room Size Each Room</u>	<u>Total Needed Sq. Ft.</u>
15	114	20	4	28.5	300	1,200
20	64	20	2	32.0	400	800
25	176	15	4	29.0	375	1,500
30	35	25 (math)	1	35.0	600	600
	34	15	0	34.0	450	0
35	146	15	2	29.0	525	1,050
50	90	20 (math)	2	30	750	1,500
	65	15	1	32.5	750	750
80	27	15	1	27	1200	1,200
125	36	15	1	36	1875	1,875
250	24	15	1	24	3750	3,750
<hr/>						
subtotal	811		19			14,225



PORT HAYS KANSAS STATE COLLEGE

SUMMARY OF SPACE JUSTIFICATION BY FORMULA  
BY ROOM TYPE FOR SELECTED DEPARTMENTS

Fall 1975

CLASSROOM BUILDING

100 Classroom Facilities 1.1	200 Laboratory Facilities 1.1	subtotal 1.1	Research Laboratory Types 250,255 2.2(p.322.2)	300 <sup>1</sup> Office Facilities 1.1	400 Study Facilities 1.1	500 Special Use Facilities 1.1	600 General Use Facilities 1.1	700 Supporting Facilities 1.1	Total
ART 1,354	10,110	11,464	---	3,589	333	333	333		16,052
MATHEMATICS 2,943	0	2,943	---	2,195	306	306	306		6,056
POLITICAL SCIENCE 949	11	960	600 (F)	1,345	156	156	156		3,373
ECONOMICS 1,539	0	1,539	800 (F)	1,090	150	150	150		3,879
SOCIOLOGY 2,468	56	2,524	1000 (F)	1,260	180	180	180		5,324
LANGUAGE 154	1,215	1,369	---	1,260	180	180	180		3,169
PHILOSOPHY 285	0	285	---	580	60	60	60		1,045
ENGLISH 4,860	191	5,051	2000	4,745	648	648	648		13,740
EDUCATION 7,428	5,567	12,995	3000	7,295	852	852	852		25,846
TOTAL 21,980	17,150	39,130	7400	23,359	2,865	2,865	2,865		78,484

<sup>1</sup>Offices were assigned on the basis of 170 sq.ft. per FTE with the exception of the chairmen who were allowed 240 sq.ft. per office and GA's who were allowed 170 per 2 headcount (only those who need office space) since they work 20 hours per week each.



FORT HAYS STATE UNIVERSITY  
SUMMARY OF CURRENT, REQUESTED, AND JUSTIFIED SPACE  
FOR THE NEW CLASSROOM BUILDING

	ART	ECOM	EDUC	ENG	LANG	MATH	PHIL	POLS	SOC	INSTITUTION	TOTAL
1.1 100 Classroom	1,285	1,152	8,881	4,231	1,089	2,857	297	1,407	1,302	--	22,501
Request	(See attached sheet)									14,225	14,225
Justify	1,354	1,539	7,428	4,860	154	2,943	285	949	2,468	--	21,980
Difference											+ 7,755
200 Lab	12,400	--	775	--	1,497	--	--	--	257	--	14,929
Request	16,570	--	7,180	--	725	--	--	--	625	--	25,100
Justify	10,110	--	5,567	191	1,215	--	--	11	56	--	17,150
Difference	-6,460	--	-1,613	+ 191	+ 490	--	--	+ 11	- 569	--	- 7,950
300 Office Facilities	1,653	731	4,536	3,523	745	2,405	321	1,076	1,482	--	16,372
Request	3,715	1,131	6,892	4,879	1,040	2,245	805	1,388	1,972	--	24,067
Justify	3,589	1,090	7,295	4,745	1,260	2,195	580	1,345	1,260	--	23,359
Difference	- 126	- 41	+ 403	- 134	+ 220	- 50	-225	- 43	-712	--	- 708
400 Study Facilities	--	--	--	--	--	--	--	--	--	--	--
Request	--	600	3,540	625	100	696	--	600	--	--	6,161
Justify	333	150	852	648	180	306	60	156	180	--	2,865
Difference	+ 333	-450	-2,688	+ 23	+ 80	-390	+ 60	-444	+180	--	- 3,296
500 Special Use	--	--	1,453	--	--	--	--	--	--	--	1,453
Request	420	--	480	--	200	--	--	--	--	--	1,100
Justify	333	150	852	648	180	306	60	156	180	--	2,865
Difference	- 87	+150	+372	+648	- 20	+306	+ 60	+156	+180	--	+ 1,765
600 General Use	843	--	--	--	--	--	--	--	--	--	843
Request	--	--	--	--	--	--	--	--	--	900	900
Justify	333	150	852	648	180	306	60	156	180	--	2,865
Difference	+333	+150	+852	+648	+180	+306	+ 60	+156	+180	-900	+ 1,965



[illegible]



	ART	ECON	EDUC	ENG	LANG	MATH	PHIL	POLS	SOC	INSTITUTION	TOTAL
Total 1.1											
Occupy	16,181	1,883	15,813	7,754	3,331	5,262	618	2,483	2,941	--	56,266
Request*	20,705	1,731	18,092	5,504	2,065	2,941	805	1,988	2,597	15,125	71,553
Justify	16,052	3,079	22,846	11,740	3,169	6,056	1,045	2,773	4,324	--	71,084
Difference	-4,653	+1,348	+4,754	+6,236	+1,104	+3,115	+240	+785	+1,727	-15,125	-469
Total Other											
Occupy	--	--	--	--	--	--	--	--	--	--	--
Request	2,200	--	2,992	--	--	--	--	--	721	1,000	6,913
Justify	--	800	3,000	2,000	--	--	--	600	1,000	--	7,400
Difference	-2,200	+800	+8	+2,000	--	--	--	+600	+279	-1,000	+487
TOTAL											
Occupy	16,181	1,883	15,813	7,754	3,331	5,262	618	2,483	2,941	--	56,266
Request*	22,905	1,731	21,084	5,504	2,065	2,941	805	1,988	3,318	16,125	78,466
Justify	16,052	3,879	25,846	13,740	3,169	6,056	1,045	3,373	5,324	--	78,484
Difference	-6,853	+2,148	+4,762	+8,236	+1,104	+3,115	+240	+1,385	+2,006	-16,125	+18

\*Department requests exclude Classroom Space.  
This appears in the column entitled Institutional Request.



## X. PROPOSED SPATIAL RELATIONSHIPS

THE FOLLOWING "PLANS" HAVE BEEN DEVELOPED BY THE DEPARTMENTS SCHEDULED TO GO INTO THE NEW CLASSROOM BUILDING. THESE WERE DRAWN ONLY TO ILLUSTRATE DESIRED SPATIAL RELATIONSHIPS AND NOT TO RESTRICT, IN ANY WAY, THE ARCHITECT'S FREEDOM OF CHOICE IN DESIGNING THE BUILDING.

ROOM NUMBERS AND/OR NAMES FOR EACH DEPARTMENT'S AREA ARE INTENDED TO ASSIST IN RELATING TO INFORMATION CONTAINED IN DIVISION VIII, DETAIL OF REQUESTED SPACE BY DEPARTMENT, AND DIVISION XIII, MOVEABLE AND FIXED EQUIPMENT AND FURNISHINGS. NO ATTEMPT HAS BEEN MADE TO RELATE EACH DEPARTMENT TO THE "GENERAL" CLASSROOMS THAT WILL BE SHARED BY OTHER DEPARTMENTS. THIS RELATIONSHIP BETWEEN DEPARTMENT AND "GENERAL" CLASSROOMS SHALL BE GOVERNED BY COORDINATION OF ALL SPACE REQUESTED WITHIN THE BUILDING, NUMBER OF OCCUPANTS USING THE SPACE, ACCESSIBILITY TO THOSE BEING SERVED, CODE REQUIREMENTS AND LOCATION OF BUILDING ON SITE WITH REGARD TO SERVICE TO BUILDING.



PROPOSED DEPARTMENT OF ART  
New Classroom Building

Ground Level  
Three Dimensional Unit

Sculpture

- 105 Wax Studio
- 104 Foundry
- 109 Model Studio
- A-B Faculty - Office/Studios
- 106 Welding
- 108 Graduate Sculpture
- 107 Wood-Stone Sculpture
- 110 Storage

Handcrafts

- 111 Enameling
- 112 Storage-Tools
- 113 Handcrafts

Ceramics

- 114 Kiln Room
- 120 Storage - Dry Clay
- 116 Glazing Room
- 115 Drying Room
- 117 Graduate Ceramic Studio
- 118 Ceramic Laboratory - Forming
- 119 Ceramic Laboratory - Throwing
- C Faculty-Office/Studio

Jewelry

- 120 Jewelry-Metalsmithing
- 121 Storage
- 122 Storage

Visual Arts Center

- Elevator-Freight
- 124 Exhibition Work Room-Freight
- 125 Visual Arts Center-Gallery
  - P Storage
  - L Chairman's Studio
  - K Chairman's Office
  - M Secretary-Reception Area
- 126 Collection Storage

Art History Unit

- 101 Art History Lecture (Graduated Floor)
- 102 Graduate Seminar
- 122 Slide Library
- 123 Projector-Film Storage
- J Art Historian Office

Upper Level  
Art Education, Printmaking, Design,  
and Fundamentals Unit

Printmaking

- 201 Printmaking
- 202 Printmaking Storage
- 203 Graduate Printmaking Studio
- D Faculty Office/Studio

Design

- 204 Photograph
- 205 Storage
- 206 Dark Room
- 201 Art Education-Art Therapy
- 207 Serigraph-Collograph Studio
- 208 Storage
- 209 Beginning Design-Fiber Room
- 210 Graphic-Interior Design
- 202 Fundamentals of Art

Painting and Drawing Unit

- 211 Graduate Painting Studio
- 214 Spray Painting Room
- 213 Painting Studio
- 215 Framing Room
- 212 Storage
- 219 Graduate Drawing
- 216 Drawing
- 218 Storage
- 217 Dressing Room

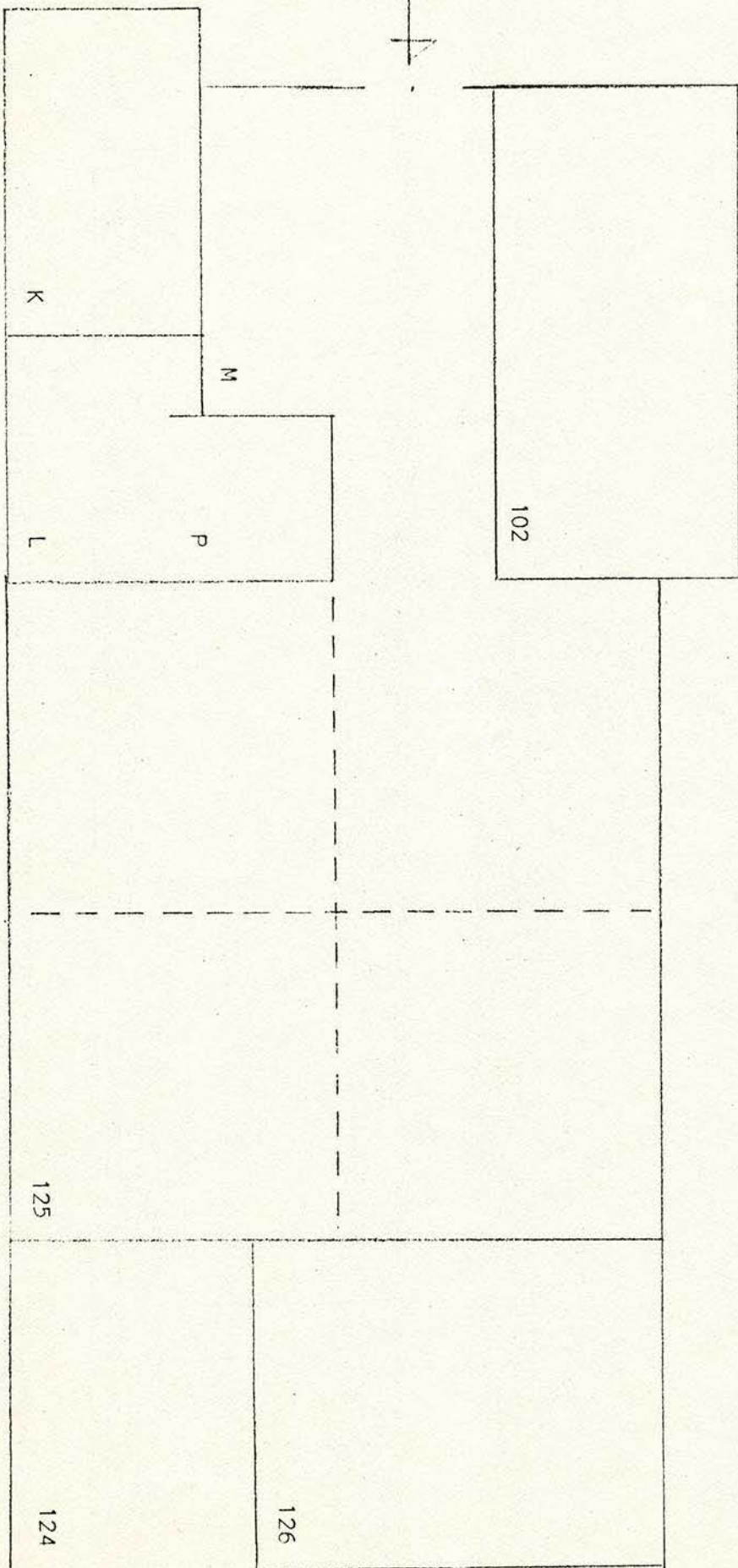


Department Office:

Secretary 460 sq. ft.  
 Chairman's Office 240 sq.ft.  
 Studio 150 sq.ft.  
 Storage 100 sq.ft.

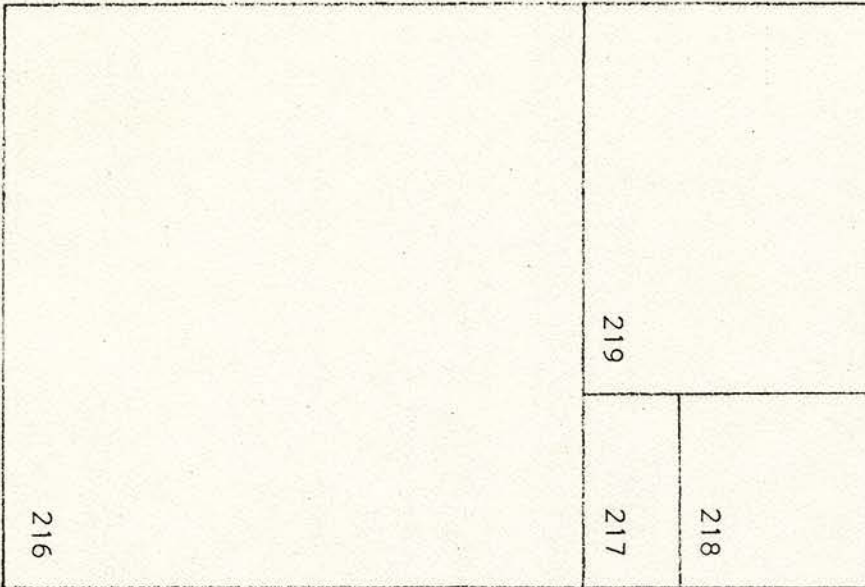
Visual Arts Center:

#125 Gallery 1600 sq.ft.  
 #126 Collection Storage 500 sq.ft.  
 #124 Freight 300 sq.ft.  
 #102 Seminar 450 sq.ft.



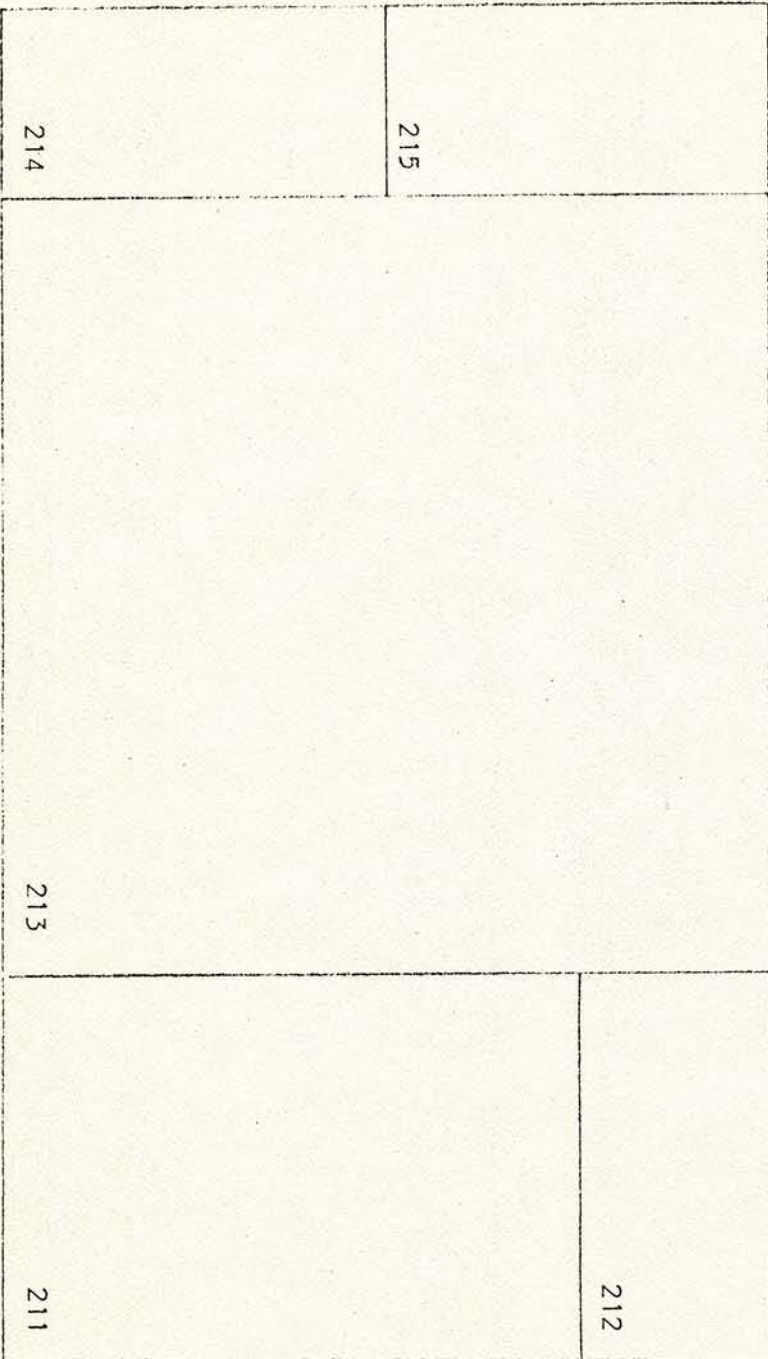


#216 - #219 Drawing Studios 1350 sq. ft.



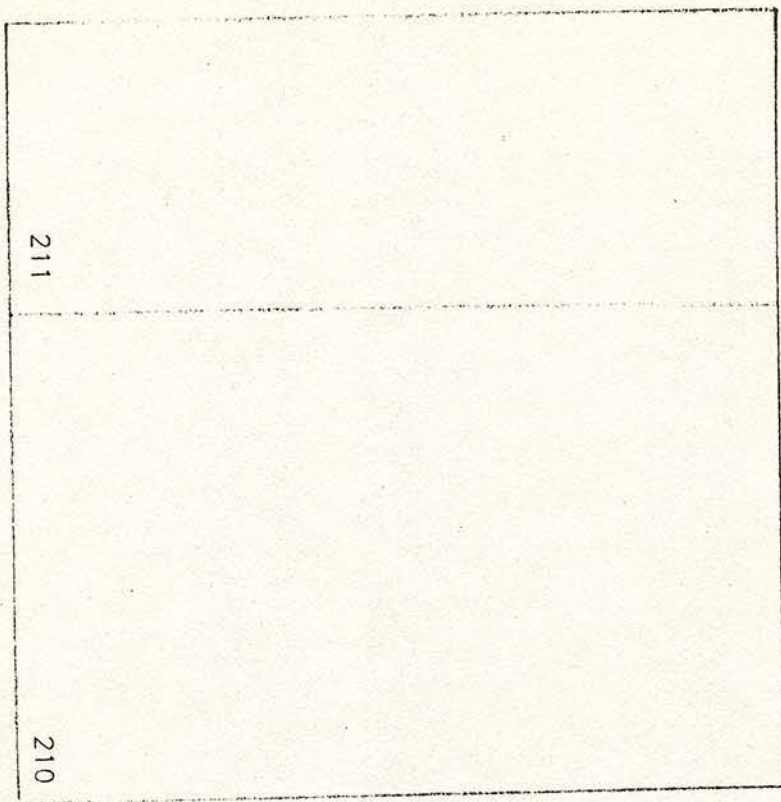


#211 - #215 Painting Studios 2800 sq.ft.

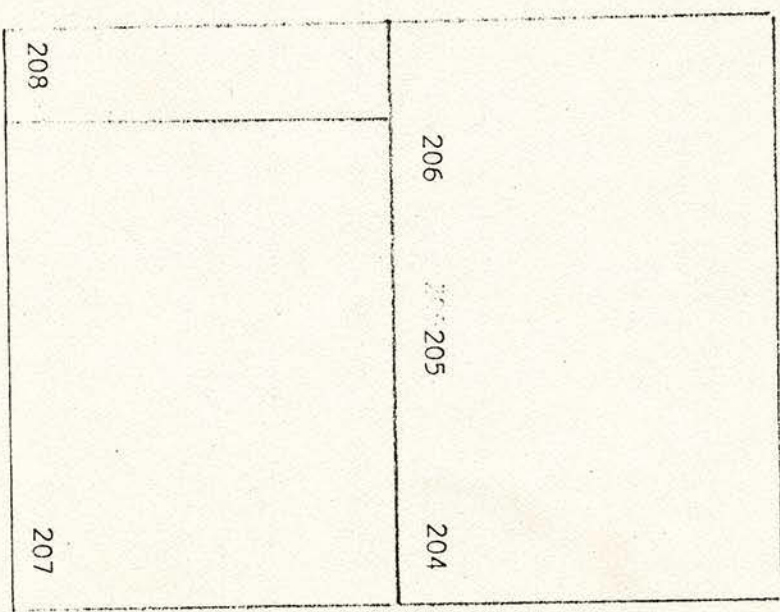




Design: #210 Graphic-Interior 1000 sq.ft.  
 #211 Basic Design-Fiber Design 600 sq.ft.

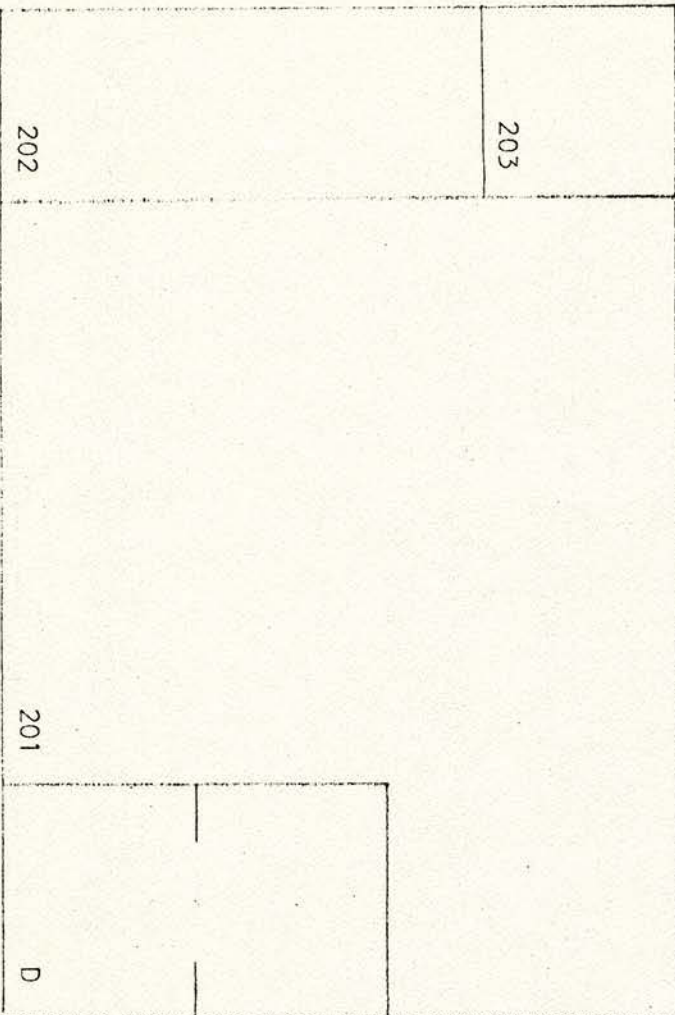


#204 - #206 Photography 600 sq.ft.  
 #207 - #208 Serigraphy-Colllograph 600 sq.ft.



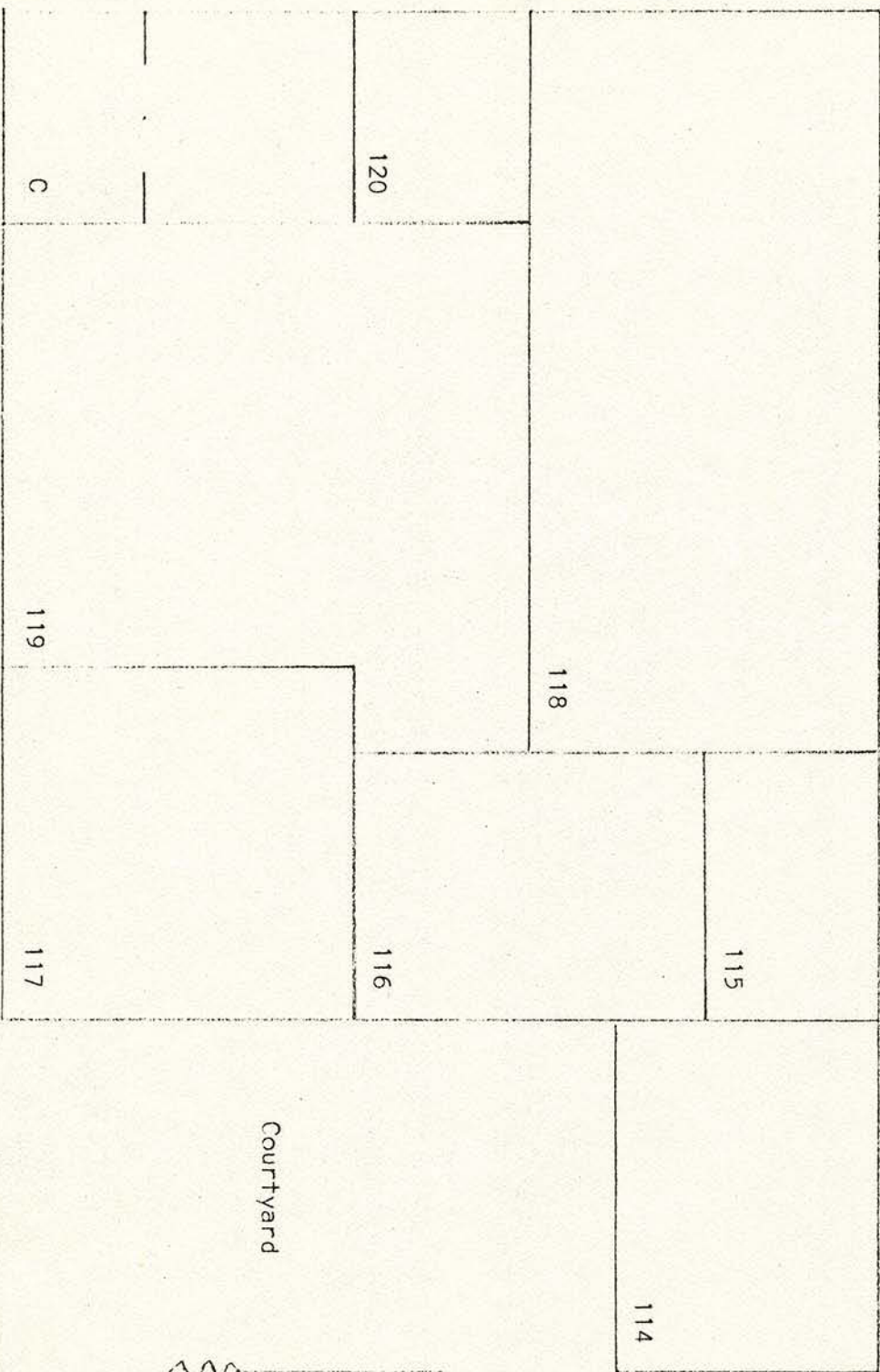


#201 - #203	Printmaking Studios	1580 sq.ft.
	Faculty Office-Studio	240 sq.ft.
Total		1820 sq.ft.



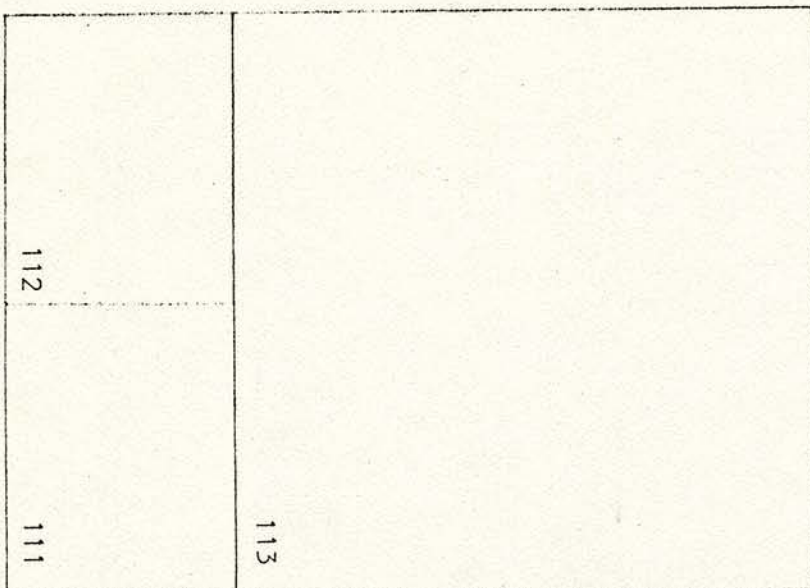


#114 - #120 Ceramic Studios 2950 sq.ft.

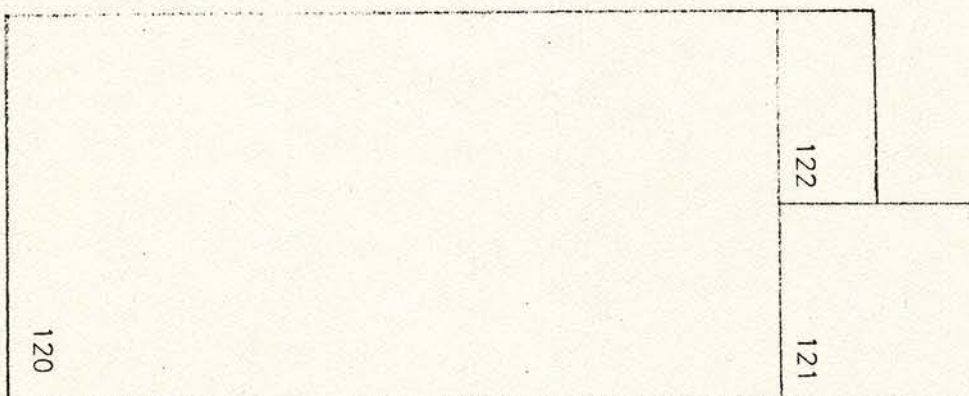




#111 - #113 Handcrafts 1260 sq.ft.



#120 - #122 Jewelry 850 sq.ft.

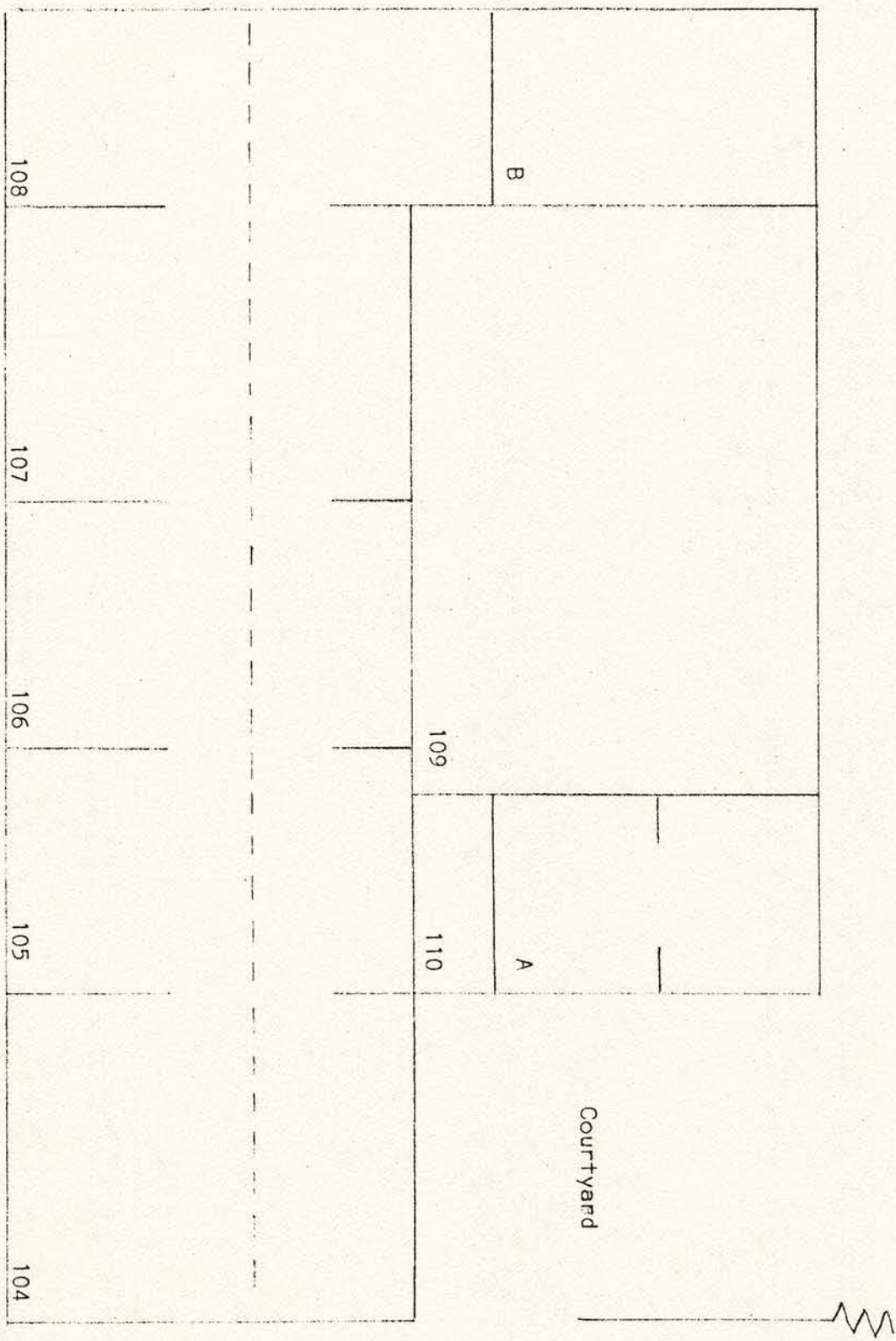




#104 - #110

Sculpture Studios

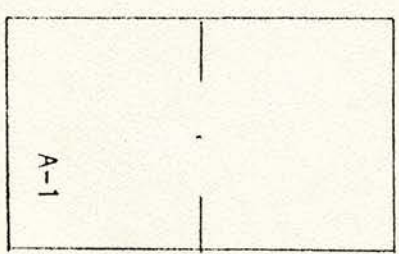
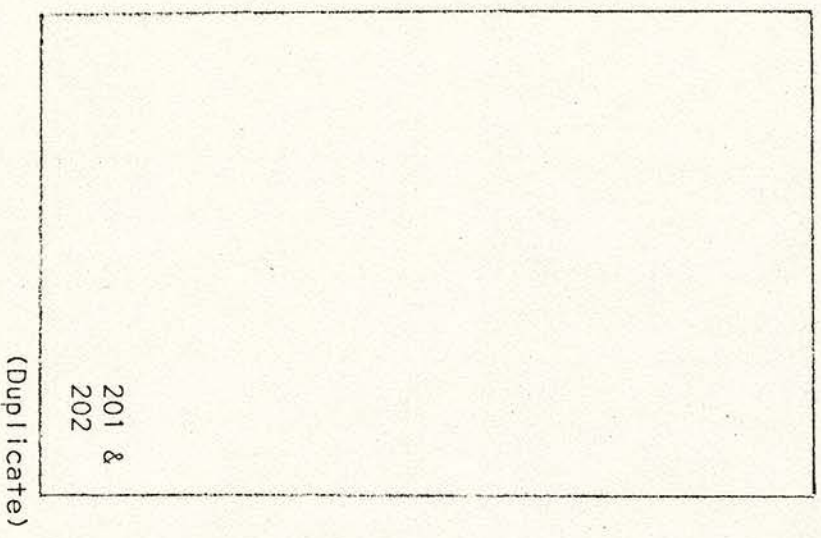
3020 sq.ft.





#201 Fundamentals 1000 sq.ft.  
 #202 Art Education -Art Therapy 1000 sq.ft.

Faculty Office-Studio 240 sq.ft.  
 Total 9 offices 2160 sq.ft.



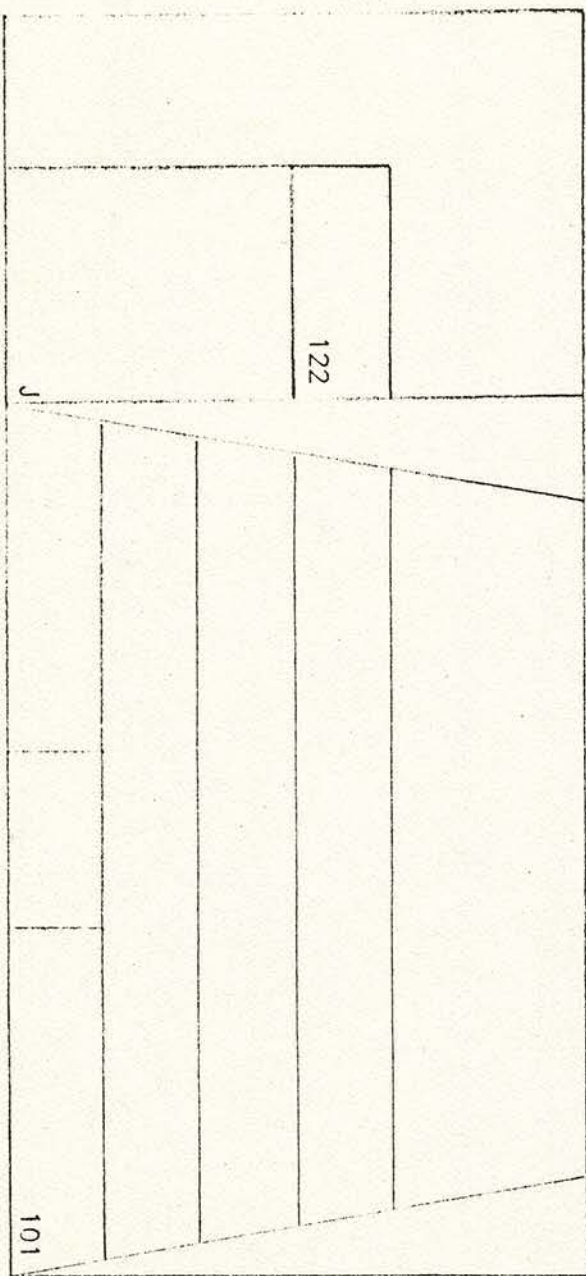
G.A. Office  
200 sq.ft.



1 - Art Education Office  
220 sq.ft.



Slide Library 360 sq.ft.  
 Art Historian Office 180 sq.ft.  
 #101 Art History 1350 sq.ft.



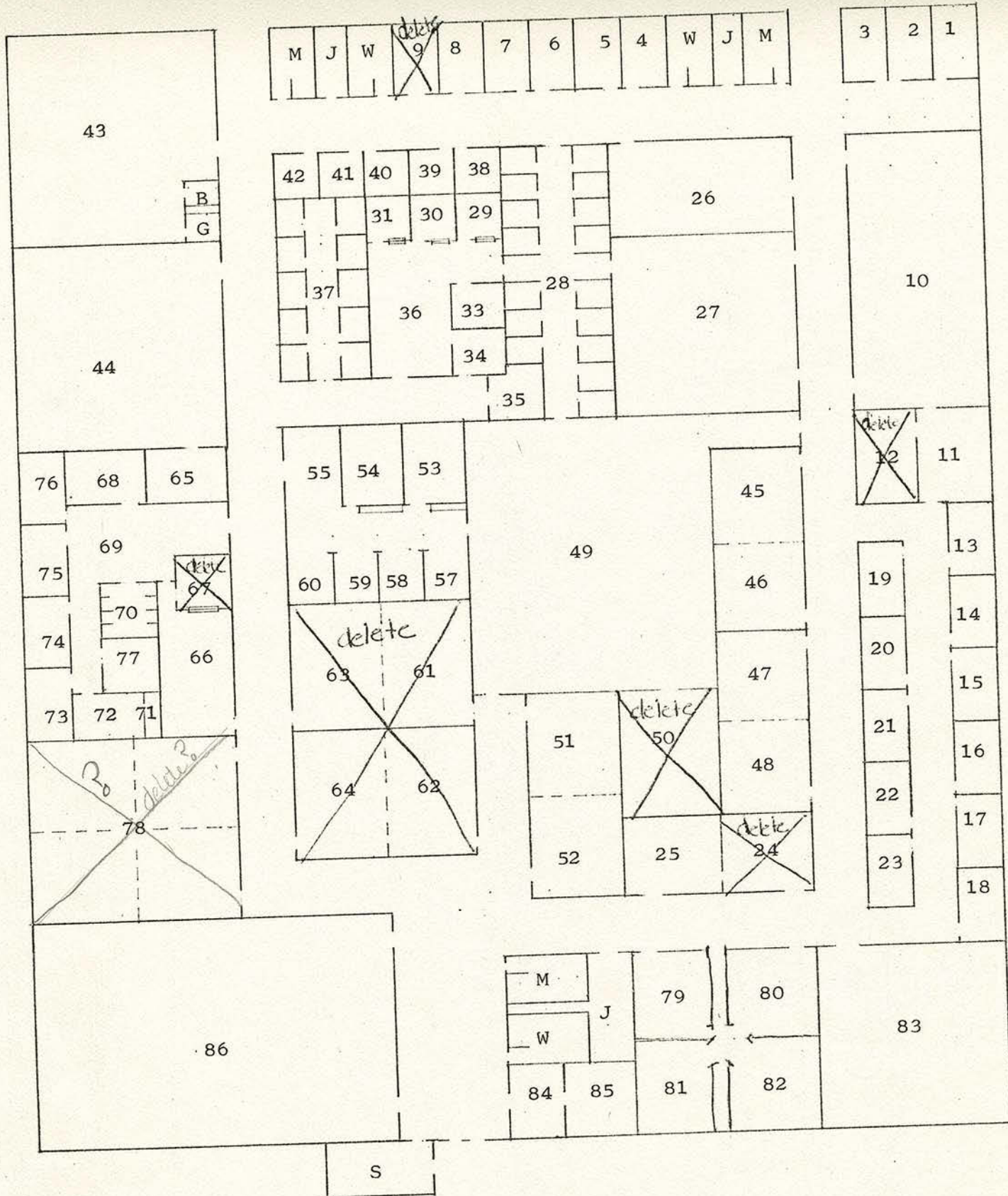
10' —  
 Scale



Proposed Department of Education  
New Classroom Building  
First Floor  
Spring, 1976  
3-11-76

1-7	Faculty offices & storage-160 sq. ft. ea. - elem. education . . . . .	1,120
8	Locked Storage for elem staff-science equip, assimilated materials, etc. .	160
<del>9</del>	<del>Audio storage and faculty viewing room . . . . .</del>	<del>160</del>
10	Administrative Offices . . . . .	1,700
11	Coordinator Graduate and Continuing Education . . . . .	192
<del>12</del>	<del>Storage and work area - Graduate and Continuing Education . . . . .</del>	<del>264</del>
13-18	Faculty Offices & Storage 160 sq. ft. ea.-Administration & Sec. Education .	960
19-23	Independent Study and Research . . . . .	600
<del>24</del>	<del>Faculty lounge . . . . .</del>	<del>504</del>
25	Faculty Professional Library & Reading Room . . . . .	480
26	Secretarial Pool . . . . .	800
27	Classroom to include Reading Improvement . . . . .	1,600
28	16 Tutoring rooms and area-Reading . . . . .	1,280
29-31	Testing rooms - Reading . . . . .	300
32	Observation room - Reading - one way glass . . . . .	300
33	Storage - Reading . . . . .	120
34-35	Faculty offices - Reading . . . . .	240
36	Reception area - REading (2 grad. asst.) . . . . .	400
37	10 Tutoring rooms and area - Reading . . . . .	800
38-42	Independent Study & Research . . . . .	500
43	Classroom - teaching laboratory (with children) . . . . .	1,600
44	Classroom - laboratory . . . . .	1,600
45-48	Seminar room (flexible walls) 400 sq. ft. each . . . . .	1,600
49	Students Learning Instructional Center . . . . .	3,060
<del>50</del>	<del>A.V. Projection room . . . . .</del>	<del>600</del>
51-52	Classrooms 375 sq. ft. each . . . . .	750
53	Coordinator-Special Education . . . . .	252
54	Seminar room . . . . .	252
55-56	Reception area (320 sq. ft.) w/sec. - Special Education (196 sq. ft.) . . .	516
60	Faculty Offices - Special Education . . . . .	480
<del>61-64</del>	<del>Classrooms (600 sq. ft. each) . . . . .</del>	<del>2,400</del>
65	Storage for classroom #44 . . . . .	220
66	Guidance & Counseling Simulated Practicum . . . . .	480
<del>67</del>	<del>Video taping room - one way glass . . . . .</del>	<del>120</del>
68	Storage for tests, Career Educ., Occupational Information . . . . .	280
69	Office reception area . . . . .	300
70	Testing room - Guidance & Counseling - 8 booths . . . . .	180
71	Eric Storage . . . . .	45
72-76	Faculty offices - Guidance and Counseling . . . . .	987
77	Calculators & work area . . . . .	120
78	Classroom . . . . .	2,000
79-82	Seminar rooms (flexible walls) . . . . .	1,600
x 83	Classroom . . . . .	1,600
84	Reception area w/sec. Dean of Education . . . . .	192
85	Office - Dean of Education . . . . .	256
86	Lecture Hall (4,000 sq. ft.) Education 25% . . . . .	4,000
Total . . . . .		36,174



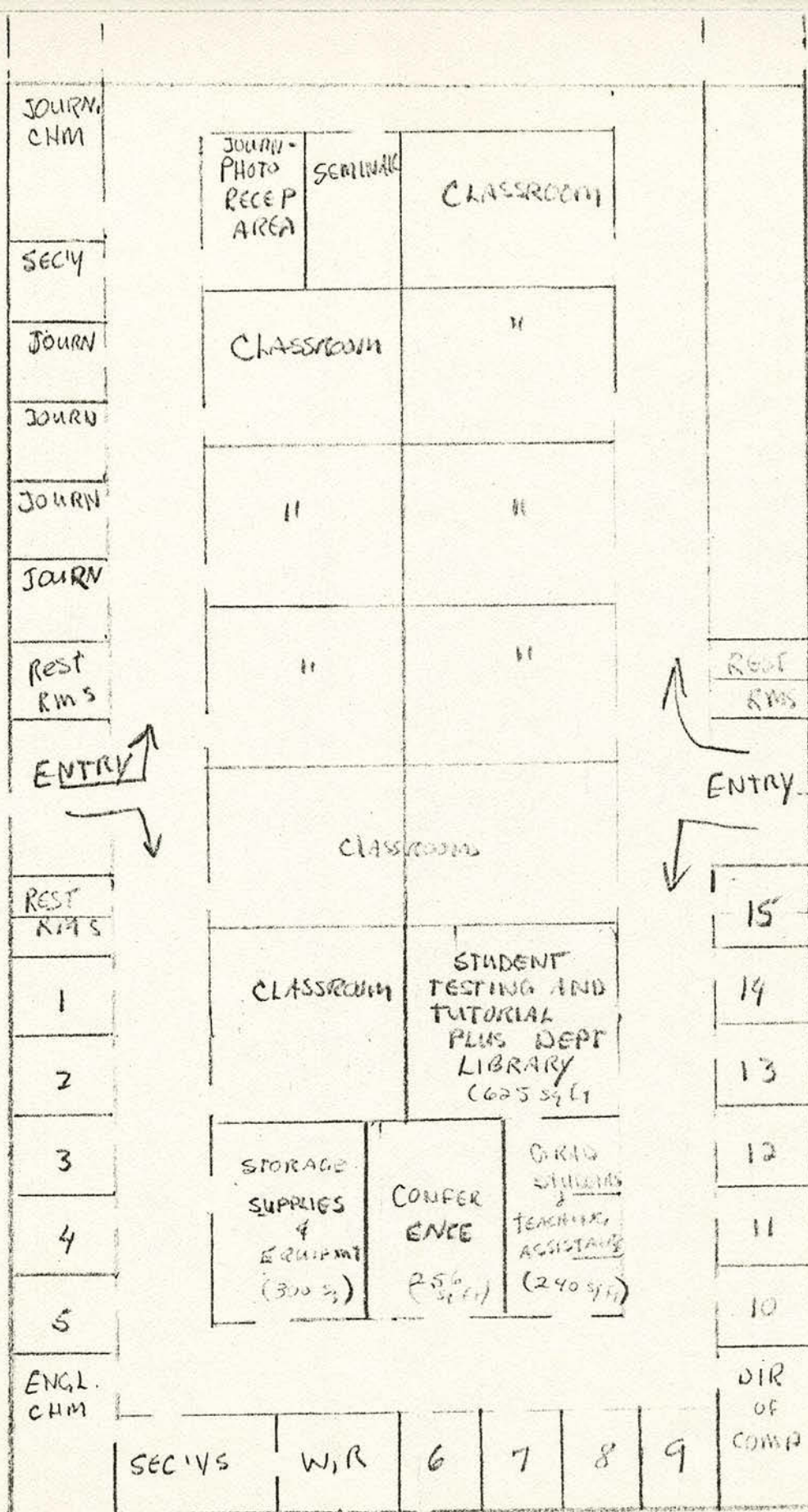


1" = 30'

FLOOR PLAN

DEPARTMENT OF EDUCATION





FLOOR PLAN  
DEPARTMENT OF ENGLISH

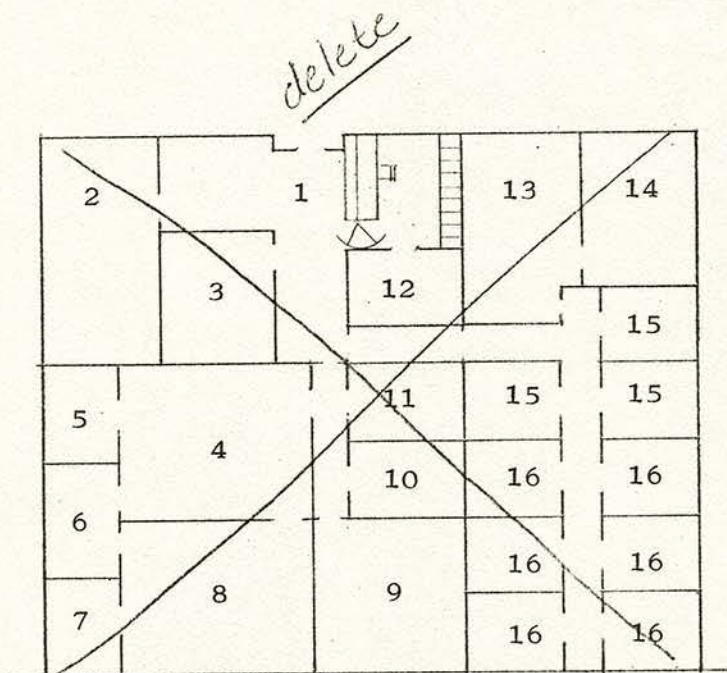


## PHOTOGRAPHIC AREA

### Room No.

1. Reception Area, Secretary, and Negative Filing Area.
3. Office, Conference Room, and Grading Room.
12. Walk-In Camera Vault
16. Student Print Darkroom (6 rooms)
4. Finishing Room
11. Chemical Mixing Room
9. Slide Show Production Room
10. Film and Chemical Storage Room
5. Color Printing Room
7. Color Processing Room
6. Black and White Processing Room
8. Print Room
15. Student Film Processing Rooms (3 rooms)
14. Student Studio
13. Student Finishing Room
2. Studio for Profuction Work





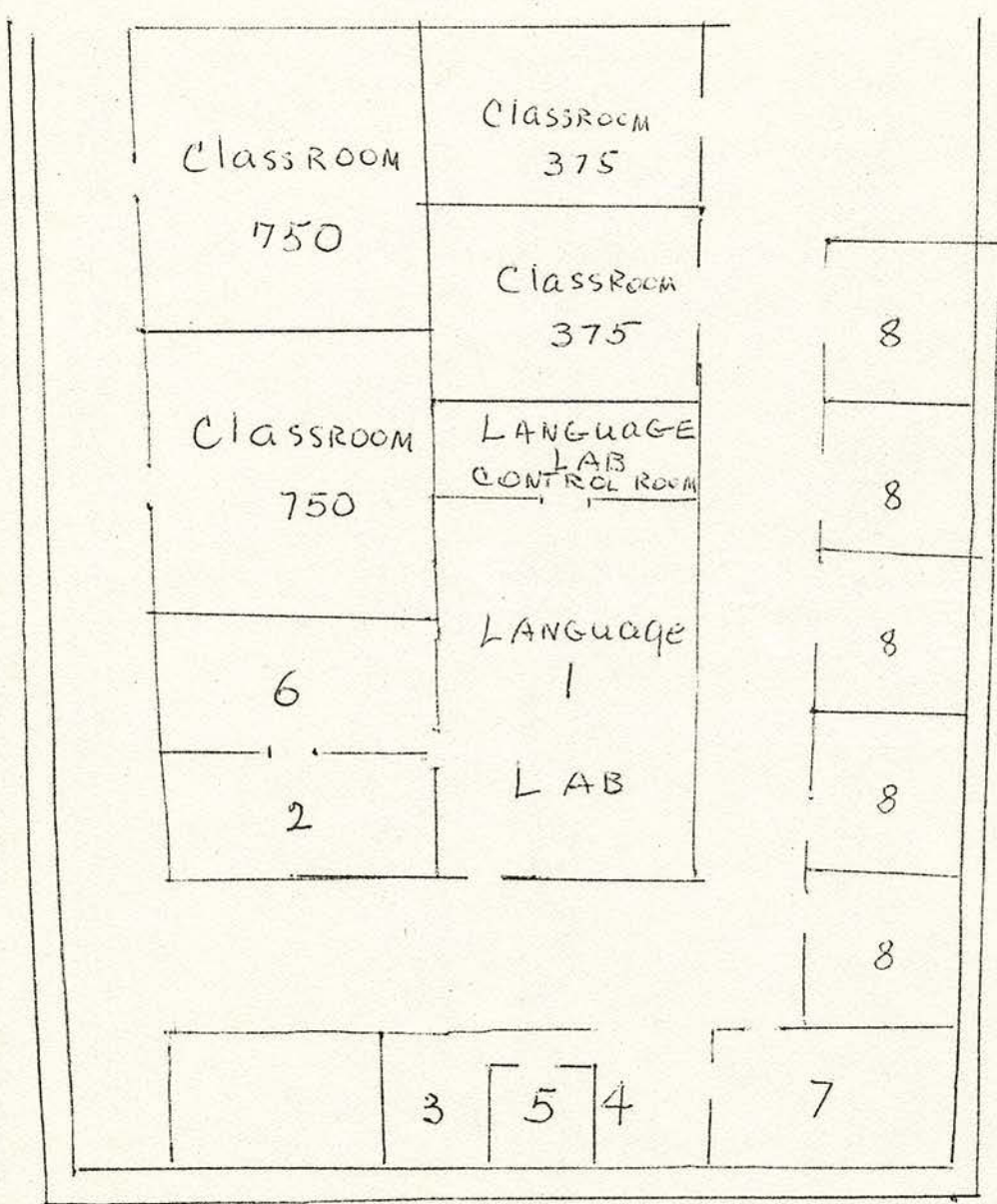
1" = 20'

FLOOR PLAN

PHOTOGRAPHIC AREA



REVISED PLAN  
( APRIL 30, 1977)

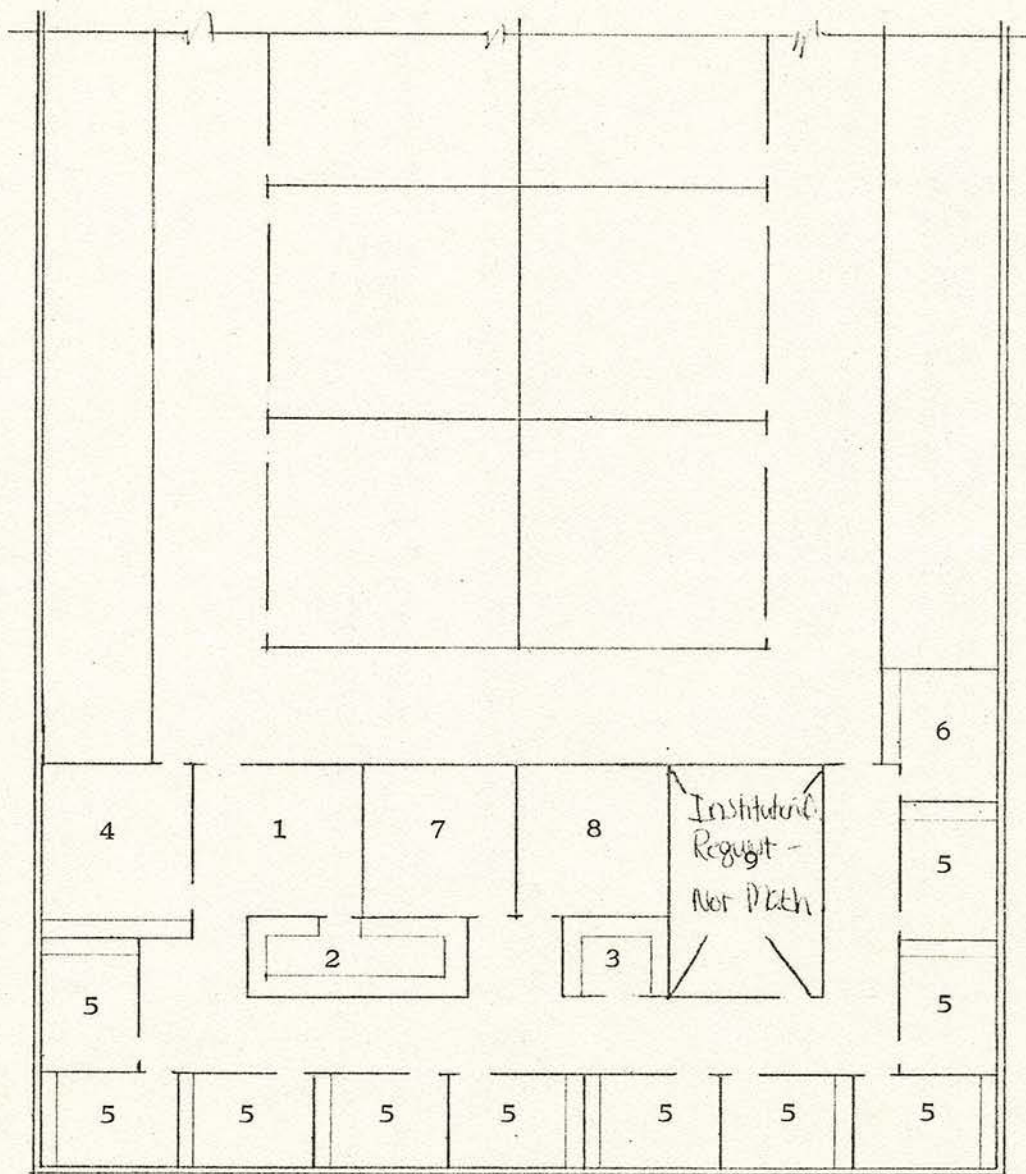


1" = 20'

FLOOR PLAN

DEPARTMENT OF FOREIGN LANGUAGES





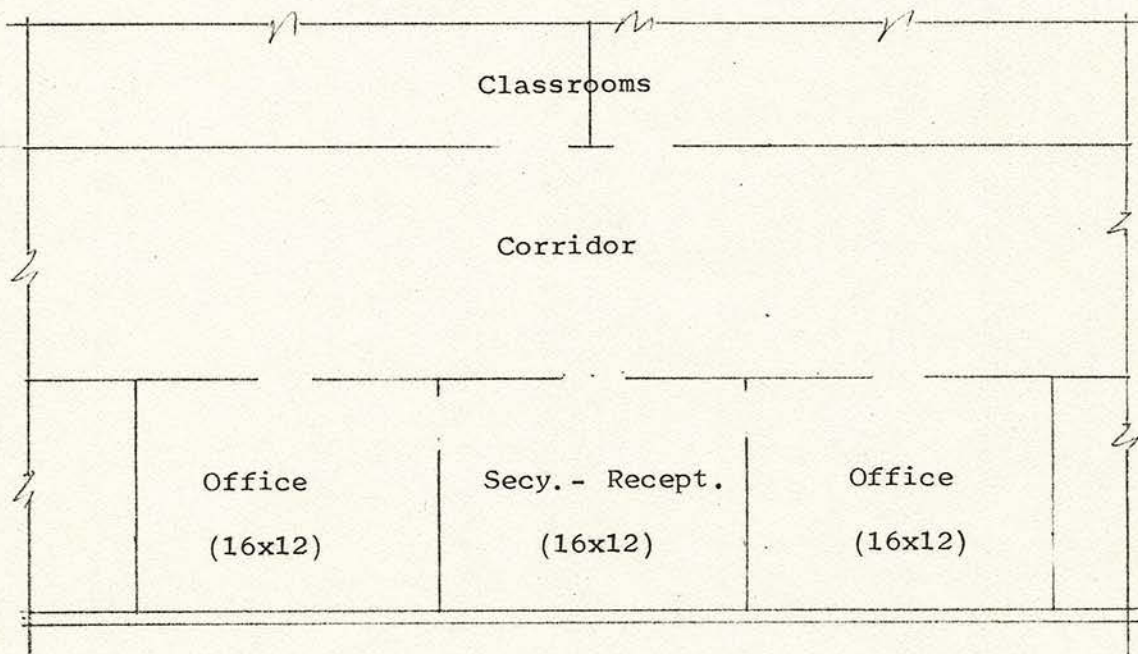
1" = 20'

Floor Plan

DEPARTMENT OF MATHEMATICS

\*Note: Math Seminar Room is not shown on plan.





1" = 10'

Floor Plan

DEPARTMENT OF PHILOSOPHY



-94-



XI. PROPOSED SITE



## PROPOSED SITE

### CLIMATE:

Hays, Kansas has a typical continental climate characterized by abundant sunshine, low humidity, moderate winds, cold winters, warm to hot summers, light winter precipitation, and a pronounced rainfall peak late in spring and in summer. Ellis County has an average of 23 inches of precipitation annually. As in most dry climates, precipitation in Ellis County is undependable. Rainfall varies widely from month to month and from year to year. Between 1868 and 1968, annual precipitation ranged from 9.21 inches in 1956 to 43.34 in 1951. The most rainfall at one time is generally around 5 inches.

Thunderstorms can be violent at times and are accompanied by heavy rain, large hailstones, strong winds, and tornadoes. Severe storms, however, are generally local, short, and produce damage in a variable and spotted pattern. Hail damages, which vary from year to year, can be extensive with hail stones ranging from pea to baseball size or larger. These storms mostly occur in the spring or early summer, although some have occurred as late as early fall.

The average monthly temperature at Hays varies from a low of about -20°F to a high of about 110°F. Average afternoon temperatures in January are 41°F and in July, 92°F. Temperature extremes for the period of record at Hays have ranged from -24°F to 117°F. The mean annual temperature in Hays is 54°F. Readings of 0°F or below are seven days annually and there are about 17 days each year when the temperature reaches 100° or more.

Snowfall is light in Hays, averaging about 20 inches a year. Winter snowfall has been as much as 58 inches, but more than 35 is unusual. Usual snow depth accumulation is about 3 inches at one time and the ground is covered with snow only about 28 days per year average. The freeze-free period in Hays averages 171 days and extends from about April 27 to October 15. Frost depth is about 32 inches.

Climate conditions and variations at Hays, Kansas are reported according to records maintained at the Fort Hays Experiment Station. The information is compiled as averages based on weather records for a ten-year period from 1963 through 1972.

In addition to the precipitation records, the mean wind velocity records are also maintained. These records, however, are kept for the growing season of this area only; this is from April 1 to September 31. Below are listed the long-time monthly averages which are the average of all the mean wind velocity readings for all 24 hour days of each month:

<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>
9.5 mph	8.2 mph	7.6 mph	6.7 mph	6.4 mph	7.3 mph



The seasonal average is 7.6 mph. However, within these monthly averages there may be several days in which the wind velocity may average in excess of 30 mph with gusts up to 60-70 mph. During stormy conditions, the wind velocity may gust up to and exceed 100 mph. The prevailing wind is usually southerly in the summer and northerly in the winter.

Attached is a table prepared from these records to show the various means of precipitation for each month averaged over the 10 year base period of 1963-1972.

#### GEOGRAPHY:

Hays and Fort Hays Kansas State College lie in the Rolling Plains and Breaks section of the eastern edge of the High Plains in the Great Plains physiographic province. Ellis county occupies nearly level to sloping tablelands and sloping to moderately steep broken lands bisected by the Saline River on the north, Big Creek in the middle, and the Smoky Hill River on the south.

Fort Hays Kansas State College is located near Big Creek on Roxbury silt loam soil. The college was originally located on the site of abandoned Fort Hays (in 1902) but was moved to its permanent home north of Big Creek in 1904.

The campus proper at Fort Hays State encompasses more than 200 acres of land, part of the 4,160 given to the college by the state legislature. A compact, tree-lined campus, it is often called one of the most beautiful in the midwest and is the home for more than 5,000 students and 250 faculty members.

Elevation in Ellis County ranges from about 2,370 feet in the west-central part to about 1,700 feet in the southeastern part in the streambed of the Smoky Hill River. Hays' elevation is just over 2,000 feet.

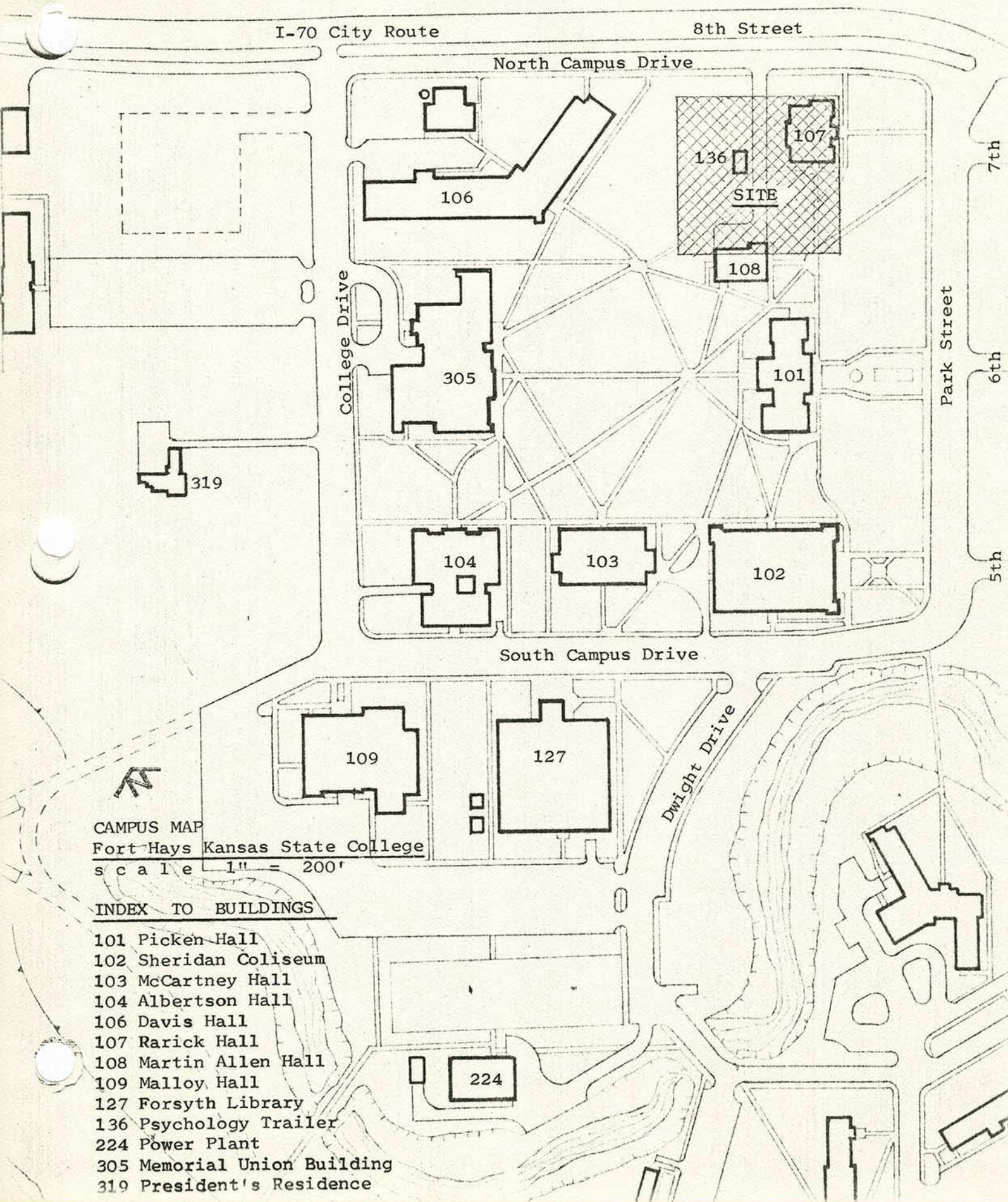
Hays City is located near the route of the Old Butterfield Trail, used by many pioneers on their trek westward. Fort Hays was built to protect the travelers and also served as a means of protection for workers for the Union Pacific Railroad which bisects the City. Rich in historical lore, Hays was once the home of Gen. George Custer, "Buffalo" Bill Cody, and "Wild Bill" Hickok. The city is now the cultural, educational, agricultural, and medical center for all of northwest Kansas.



MEAN PRECIPITATION AND OCCURRENCES

	<u>JAN.</u>	<u>FEB.</u>	<u>MAR.</u>	<u>APR.</u>	<u>MAY</u>	<u>JUNE</u>	<u>JULY</u>	<u>AUG.</u>	<u>SEP.</u>	<u>OCT.</u>	<u>NOV.</u>	<u>DEC.</u>	<u>ANNUAL</u>
Number of Days of Measurable Precipitation	2.10	2.70	3.60	5.50	8.40	9.30	9.50	6.50	7.20	5.20	3.70	4.00	67.70
Number of Days of Traces of Precipitation	4.40	3.40	2.80	2.30	2.30	2.00	1.60	1.10	1.00	1.20	1.60	2.70	26.40
Precipitation in Form of Snow (inches)	2.60	3.90	3.50	.60							1.00	4.70	16.10
Average Precip. Received per Occurrences (inches)	.06	.21	.19	.26	.31	.50	.38	.35	.40	.28	.22	.11	.33
Highest Amount Received per Occurrence (inches)	.16	1.64	.99	2.36	1.61	3.12	2.27	3.05	3.22	2.14	1.16	.45	3.22 largest single occurrence
Lowest Amount Received per Occurrence (inches)	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	
Maximum Snowfall per Occurrence (inches)	7.00	11.50	12.50	5.00							7.00	10.0	12.50 largest single occurrence
Total Amount Precipitation Received (inches)	.13	.58	.68	1.44	2.60	4.61	3.63	2.26	2.87	1.48	.83	.45	21.55
Longtime Average Precipitation Received (inches)	.45	.76	1.05	2.13	3.39	3.68	3.21	2.96	2.40	1.44	.74	.66	22.87



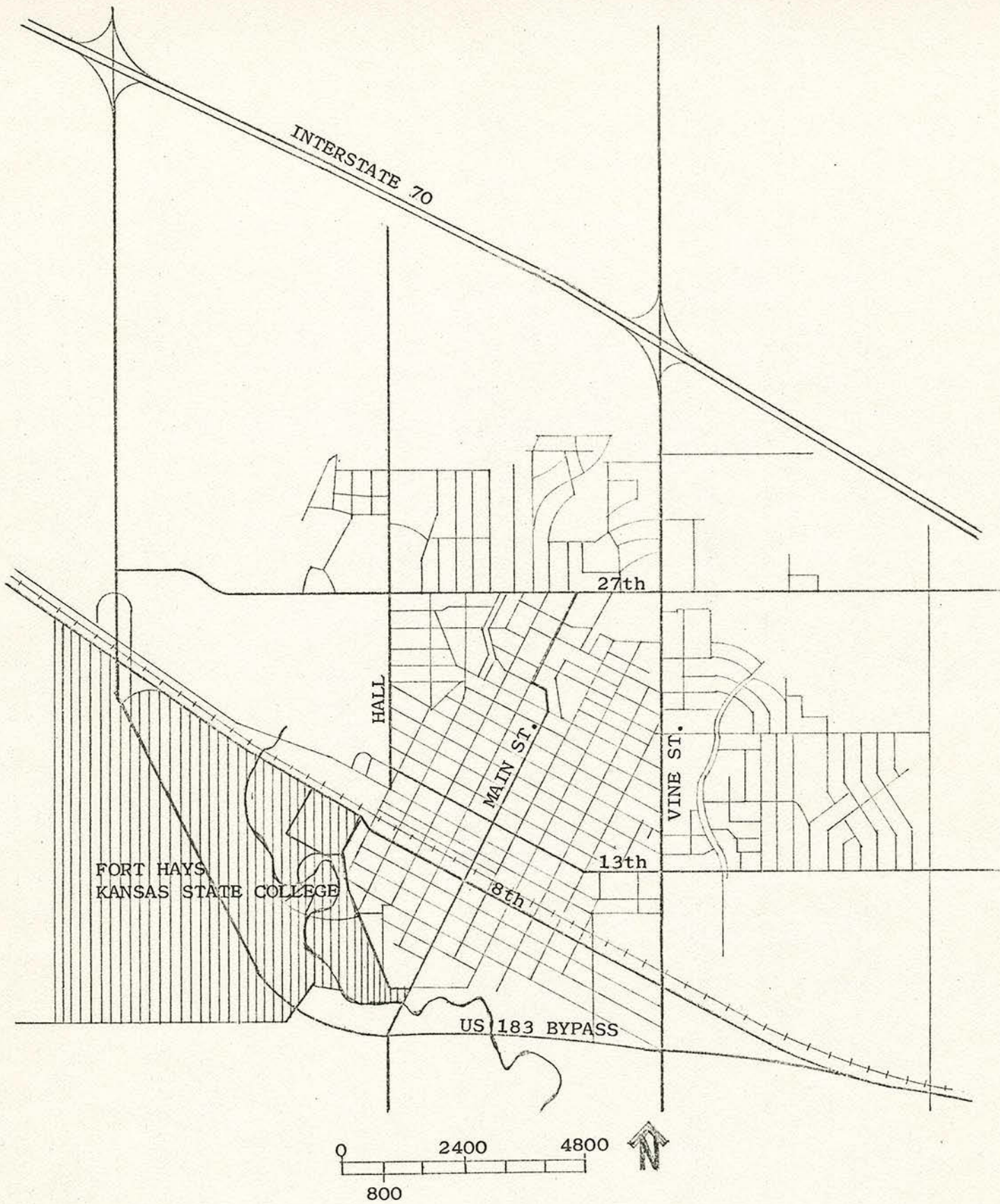


CAMPUS MAP  
Fort Hays Kansas State College  
scale 1" = 200'

INDEX TO BUILDINGS

- 101 Picken Hall
- 102 Sheridan Coliseum
- 103 McCartney Hall
- 104 Albertson Hall
- 106 Davis Hall
- 107 Rarick Hall
- 108 Martin Allen Hall
- 109 Malloy Hall
- 127 Forsyth Library
- 136 Psychology Trailer
- 224 Power Plant
- 305 Memorial Union Building
- 319 President's Residence





CITY OF HAYS KANSAS



XII. ESTIMATED FACILITY DEVELOPMENT COSTS  
WITH ANTICIPATED SOURCES AND AMOUNTS OF SUPPORT



RESOURCES:

State: \$ 5,453,500

Federal: \$ \_\_\_\_\_

Gift or Other: \$ \_\_\_\_\_

Total: \$ 5,453,500

COSTS:

Estimated Costs Other than Construction:

Architects' Fees	\$ <u>257,000</u>
Printing, Freight and Travel	\$ <u>1,500</u>
Surveys, Soil Borings, and Testing	\$ <u>2,000</u>
Resident Inspection	\$ <u>25,000</u>
Moveable Equipment	\$ <u>100,000</u>
Landscaping	\$ <u>8,000</u>
Project Contingency (minimum 5%)	\$ <u>230,000</u>
Other (treat soil for termite protection)	\$ <u>20,000</u>
Total:	\$ <u>643,500</u>

Estimated Cost of Construction\*:

New Construction, including fixed equipment (117,000 GSF @ \$40.00/sq.ft.)	\$ <u>4,680,000</u>
Site work**	\$ <u>130,000</u>
Other	\$ _____
Total:	\$ <u>4,810,000</u>

Total Estimated Cost of Project: \$ 5,453,500

\*All of the above costs are estimated on bids for this project to be taken in February, 1978.

\*\*List costs

Demolition of existing Rarick Hall.....	\$50,000
Extension of tunnel and Utilities.....	\$80,000
	<u>\$130,000</u>



## MODULE

INSTITUTION

PROJECT

[illegible]



XIII. FIXED AND MOVEABLE EQUIPMENT AND FURNISHINGS



## FURNISHINGS & EQUIPMENT

### Visual Arts Center:

#### M Secretary & Reception Area:

Reception: (Passageway to Gallery)

##### Fixed:

Floor: .Carpeting.

Walls: .Paneled Walls with  
picture molding.  
.No Windows necessary.  
.Double Door Entrance -  
Locked - No centerpost.

Ceiling: .Drop ceiling with  
track lighting.

##### Moveable:

2-Coat-hat rack #32088

Length 4'-3"

ATD-American Co.

\$ 68.50e

2-Portable Annoucement Panel:

Boards #36036 30'WX20"H

Double Pedestal Total 60"H

ATD-American Co.

137.50e

Changeable letters:

Gothic Plastic

Size 1/2"-\$3.80 per 100

3.80

Size 2"-\$8.50 per 100

8.50



M Secretary: (Parallel to Reception)Fixed:

Floor: .Carpeting.

Walls: .Paneled Walls with  
picture molding.  
.Windows not necessary.  
. (2) Telephone outlets with  
intercom system to all  
faculty offices.  
.Electrical outlets.

Ceiling: .Drop ceiling with  
recessed and track  
lighting.

Moveable:

Screen Divider-Sculptured  
Modulants (separating  
secretary and reception)  
Company: McKinley  
Designs: De Stijl Design  
Pattern-Autumn Gold Finish  
Secretarial Desks and Return:  
2-Steelcase-Series #3300 \$ 250.00ea  
330-600-0B 250.00ea  
33-B-37 (Return)  
30"X60"Laminated Top-Walnut  
Secretarial Chairs:  
2-Steelcase-Series #430 175.00ea  
#430-510 (Regis Upholstery)  
Credenza:  
1-Steelcase-Series #33-762  
62" Lone-2 File, 2 Box, Storage  
Laminated Top-Walnut 400.00  
3-Bertoia Chairs:  
Knoll International #421  
Small Diamond Chair-W33 3/4"  
D28", H30 1/2"-completely  
upholstered  
2-Typewriter-IBM Selectric  
Model #  
2-"Nu-lite" Plastic Chair  
Mats, "Secretarial Unit"  
shape #01298 38.50ea  
ATD-American Co.  
Adding Machine  
2-Wastebaskets  
Bulletin Board  
Electric Clock  
Faculty Mailboxes



P Storage Room:Fixed:

Floor: •Carpeting.

Walls: •Concrete Block Walls,  
(Painted).  
•Built-in Counter with  
Formica Top including  
small sink. Set-up for  
duplicating machine.  
•Built-in shelving enclosed-  
upper level above counter 2'.  
•No windows.  
•Locked door-36".

Ceiling: •Drop ceiling with  
recessed lighting.

Moveable:

Pencil Sharpener	
2-Lateral Files-Steelcase	
800 series with locks	
1-#836-551 Letter size	
1-#836-DWPW Legal Size	
Estimated	\$ 525.00 ea.
1 "Keystone" Heavy-duty	
Stool #29752 with	
adjustable legs and	
backrest	
18"-27" Masonite Seat	
ATD-American Co.	15.50
Stepladder-2 steps	
#38852	
ATD-American Co.	74.50
Wall Valet-Model #32632	
Length 16"	
ATD-American Co.	8.90



L. Chairman's Studio:Fixed:

Floor: •Tiled Floor.

Walls: •Concrete Block Walls,  
(Painted).  
•Windows not necessary.  
•Built-in Storage Unit  
with Formica Top including  
small sink.  
•Built-in shelving, enclosed,  
upper level above counter 2'.  
•Locked door-36".  
•Blackboard.  
•Built-in coat closet.

Ceiling: •Drop ceiling with  
recessed lighting.

Moveable:

1-Swivel-tilt seat and back Craftsman chair #31320	
Ball-bearing casters	
Foam Cushion Seat-Gold	
ATD-American Co.	\$ 93.00
1-Instructor Drawing Table #WD103 with AD50 Auxiliary Unit-725E Straight Edge.	
Stock #465981-60SE 37½"X60"	
Brodhead-Garrett Co.	48.00
Pencil Sharpener	
1-Large Wastebasket	



K Chairman's Office:Fixed:

Floor: •Carpeting•

Walls: •Paneled Walls.  
 •1 window-corner possibly  
 rectangular-vertical,  
 (related to desk area).  
 •Drapery and rod.  
 •Telephone outlet.  
 •36" Door, locked.

Ceiling: •Drop ceiling with  
 recessed lighting and  
 track spot lighting.

Moveable:

1-Executive Desk with  
 Return-Steelcase  
 Metal-Laminated Top-Walnut  
 70"X36"  
 #329041 SIR C62L \$ 550.00  
 #329041 SIL (Return) 425.00  
 1-Executive Chair-Steelcase  
 High back with arm rests  
 Series #451-221T-Castors  
 Regis Upholstery 400.00  
 2-Side Chairs-Steelcase  
 Swivel on castors  
 Regis Upholstery 250.00 ea  
 Series #451-322 TCB  
 1-Credenza-Steelcase  
 2 File, 2 Box, Storage-  
 Metal, Laminated Top-  
 Walnut  
 Series #32-N60L 590.00  
 1-Side-low Table-Steelcase  
 Chrome, Solar Glass Top  
 26"X26"X15"H Series #2200 150.00  
 Tube and Connector Exhibition  
 System (Bookcase-Display Area)  
 13mm Series Tubular Lengths  
 with Accessories-Chrome  
 Abstracta Company  
 (cost unknown)  
 1-Wastebasket



125. Exhibition Area - 4 Divided Areas:Fixed:

- Floors: • Covered with Wood-  
Plastic Composite Flooring,  
PermaGrain-Arco Chemical Co.,  
(Atlantic Richfield Co.)  
12"X12" Parquet Tile,  
Barcelona Color and Pattern.
- Walls: • Decorative Plaster in a roll  
on wooden panels against concrete  
block wall.  
• Flexi-wall systems: Wall and  
Floor Treatments, Inc.,  
Scotch Weave-Dundee Beige,  
Roll 48" Wide.  
• Absolutely No Windows (Security).  
• One Major Entrance through  
Reception-Secretary Area.  
• Receive some dramatic emphasis.  
• Picture molding.  
• Double door entry, locked,  
no center post.

Ceilings: • 12' High-Reinforced to  
support weight-finished  
appearance-track lighting.

Dividers: Moveable panels-supported from  
above-easily removed and stored.

Temperature: Humidity control of area.

TV Production Outlets.  
Numerous Electrical Outlets.

Moveable:

6-Benches-4' long  
Upholstered, Grade Q Fabric  
#5027 Bench  
Thayer-Coggin Institutional  
Inc. \$ 278.00

Several Units:  
Tube and Connector Exhibition  
Systems Units-Display 13mm  
series-Tubular lengths with  
Accessories-Chrome Abstracta Co.  
Cost Unknown  
4-Area Carpets-4'X6'  
6-Table Exhibit Cases  
Aluminum Frame-Glass Top with  
Lock-250 lbs. 36"H  
#54008 48"X24"D  
ATD-American Co. 279.50  
1-Wastebasket



102. Seminar Room:Fixed:

Floor: •Carpeted.

Walls: •Paneled with picture  
molding.  
•No windows.  
•36" Door, locked.  
•Recessed picture screen.

Ceiling: •Drop ceiling.  
•Recessed lighting and  
track lighting.

•Electrical Outlets.  
•TV Outlets (Closed circuit  
viewing).  
•Close to Reception Area.

Moveable:

5-Folding Conference Tables  
Rectangular-30"X96"

Model #21316

ATD-American Co.

\$ 158.50 ea

24-"Samsonite" Upholstered

Stacking Chairs, Frames-

Chrome-19 gauge tubular

steel- 2" foam seat- Gold

#17472

ATD-American Co.

27.00 ea.

2-Stacking Chair Dolly

#17568

ATD-American Co.

22.50 ea.

1-Wastebasket



126. Permanent-Rental-Exhibition Storage:Fixed:

Floor: •Tiled.

Walls: •Painted Concrete Block.  
•Double door, locked,  
no center post.

Ceiling: •Drop ceiling not necessary.  
•No windows.  
•Suitable lighting for  
observing.

•Temperature-Humidity Control.  
•Built-in Storage Counter Unit with Sink.

Moveable:

12-Display Racks 10'W,8'H	
B&D Molding Co.	
Amsteidam Avenue	
New York, NY	est. \$ 1400.00
Shelving for 3-D	
work storage	
(adjustable yet	
support weight)	
"Parker" Safety Stepladder	
#38980 6 steps	
ATD-American Co.	174.50
2-Blueprint Files-Steel BF-75	
55 3/8"X15 3/4"X41 3/8"	
with Base BF-75B Gray	
File	270.00
Base	43.00
Modern School Supplies	



101. Art History Lecture Room:Fixed:

Floor: •Graduate Floor-Tile covered.

Walls: •(3) Painted concrete block with picture molding.  
 •Fixed to hold slide locked cases with backup lighting.  
 •(1) Slide Wall: to be smooth and painted gloss white.  
 •36" Doors, locked.  
 •No windows.

Ceiling: •Automatic controlled lighting with dimmers.  
 •Drop ceiling.

•Ventilation.  
 •Remote control of slide machines.  
 •TV Outlet (closed circuit).

Projection Area:

•Electrical outlets.  
 •Built-in Storage.  
 •Projector Stand (for two projectors)

Moveable:

60-Table Arm and Chair Desk Units #12512

Non-glare Plastic Work Surface

Merit Series

ATD-American Co.

\$ 20.90 ea.

Pencil Sharpener

Executive Sound Amplifier

Lecturn, HiFidelity Public

Address System

86 lbs. L 375

Oravisual Co., Inc.

615.00

1-Steel framed Blackboard

Unit, 3½"X5" #38684

ATD-American Co.

79.50

Deluxe Bulletin Board #36288

ATD-American Co.

29.50

2-Large Wastebaskets



122. Slide Library:Fixed:

Floor: •Tiled.

Walls: •Painted Concrete Blocks.

Ceilings: •Drop with recessed lighting.

- Drapery, if windows used.
- Electric outlets.
- Built-in storage cabinet and sink.
- Telephone Outlet.
- Locked Room, 36" Door.
- Permanent Slide Screen for previewing.

Moveable:

4-Neumade-2"X2" Slide Storage Unit-Model Con-6 for 30,000 Ready Mounts-Pearl Gray

54"HX36"LX15"D

Universal Color Slide Co.

\$ 600.00 e

8-Built-up Platforms for each Slide Cabinet (wood) 18"HX36"LX18"D Painted

Secretarial Desk-60"X30"

#54896 Modular Unit with

Return-Walnut Plastic

Typewriter

Top Frame: Brown

ATD-American Co.

224.50

Secretarial Posture Chair

#01490-Gold Upholstery-

Steel Frames

ATD-American Co.

72.50

"Durelle" Contemporary Book

Cases #54608 42"H 3 shelves

Steel Doors-Walnut Plastic Top

Brown Color

ATD-American Co.

92.50

1-Contemporary Style Table

Folding Style-Chrome plated

Legs-Walnut Plastic Top

Model #20550 15"X72"

ATD-American Co.

84.50

4-"Samsonite" Upholstered

Stacking Chairs-Frames

Chrome-19 gauge tubular

steel-2" foam seat-Gold

#17492

ATD-American Co.

27.00 e

Pencil Sharpener

2-Large Wastebaskets

2-Slide Viewers-36 slidetray:

#370 TDC Type

American Color Slide Co.

125.00 e

3-Executive Slide Sorter #316

American Library Color Slide Co. 10.00 e

Electric Clock



J Art Historian's Office (Faculty):

Fixed:

Floor: .Tiled.

Walls: .Painted Concrete Block.

Ceiling: .Drop with recessed lighting.

- Picture Molding.
- Electrical Outlets.
- Telephone Outlets.
- Drapery for Window.
- Built-in Slide Rack with backup lighting.
- 36" Door, locked.

Moveable:

"Durelle" Steel Desk- Modular Unit with Executive Flush-Height Return #FH54896 Walnut Plastic Top Frame-black ATD-American Co.	\$ 259.50
"Belmont" Office Chair #01478 Posture back, Swivel Arm Chair-Nylon Fabric Upholstered Seat- Chrome Frame Finish ATD-American Co.	121.50
"Belmont" Side Chair #01486-Steel frame-black Gold Vinyl Upholstery ATD-American Co.	37.90
"Durelle" Full Suspension Steel File Cabinet-Black 2 drawer-28½" deep with lock Model #30010 ATD-American Co.	82.50
Wide Steel Bookcases Black-Model #56258-48"H 2 adjustable shelves 34"X12"D ATD-American Co.	48.50
Pencil Sharpener Wall Valet-Model #32632 16"L ATD-American Co.	8.90
1-Wastebasket	



A-1 Faculty Office-Studio - 9 offices:Fixed:

Floor: •Tiled in office area only.

Walls: •Painted Concrete Block.  
•Picture molding.  
•36"Door, Locked.

Ceiling: •Adequate lighting.

- Sink built in with storage unit, (studio area).
- Windows, if possible, with Verticals, Inc. NY Vertical Blinds.
- Telephone Outlet for each office.
- Sliding Doors separating office-studio.

Moveable:

8-"Durelle"-Double Pedestal Steel Desk-60"X30"

#54960-Locked Center Drawer Walnut Plastic Top

Frame-Black

ATD-American Co.

\$ 169.50 e

8-"Belmont" Office Chair

#01478 Posture-back

Swivel Arm Chair

Nylon Fabric Upholstered Seat

Chrome Finish

ATD-American Co.

121.50 e

8-"Belmont"-Side Chair

#01486-Steel Frame-Black

Gold Vinyl Upholstery

ATD-American Co.

37.90 e

Pencil Sharpener

8-"Durelle"-Contemporary

Bookcase-Steel Case with

Sliding Doors

Walnut Plastic Top

Black Finish

Model #54576 2 shelves

ATD-American Co.

74.50 e

8-Shatter-proof Plastic Seat

Stools-Frame-Tubular Steel

Black Finish

Model #29914 18"H

ATD-American Co.

9.90 e

8-Wall Valet-Model #32632

16"L

ATD-American Co.

8.90 e

8-Instructors Drafting Desk

Model #3500, 37"H -

Top 48"X37½"X1¼"

Frame with Walnut

School Specialty Supply, Inc.

540.00

8-Bulletin Boards-Deluxe

Aluminum Frame-3'X4'

Model #36288

ATD-American Co.

29.50 e

8-Large Wastebaskets



0 Graduate Assistant's Office - 2 offices:Fixed:

Floor: .Tiled.

Walls: .Painted Concrete Block.  
.Picture Molding.

Ceiling: .Adequate Lighting.

.Windows, if used, with Vertavanes,  
Vertical Blinds.  
.Telephone outlet.Moveable:6-Single Pedestal Desks  
42"X30" "Highland" Steel  
Desks Frames-black  
Plastic Top-Walnut  
Model #54448

\$ 139.50 ea

ATD-American Co.  
6-"Mainline" Office Swivel  
Arm Chairs Frames-black  
Upholstery-Vinyl Oxblood  
#42832

58.50 ea

ATD-American Co.  
4-"Mainline" Side Chair  
Frame-black  
Upholstery-Vinyl Oxblood  
#42800

22.90 ea

ATD-American Co.  
Pencil Sharpener  
2-Bulletin Boards-Deluxe  
Aluminum Frame-3'X4'  
Model #36288

29.50 ea

ATD-American Co.  
2-Wastebaskets



201. Art Education Room:Fixed:

Floor: Tiled.

Walls: •2 walls covered with  
burlap-covered wooden  
panels.  
•Remaining surfaces-  
painted concrete block.  
•1 wall-painted with white  
gloss surface for audio-visual.  
•Speaker System with Tape  
Deck, Amplifier, and Pre-Amp.

Ceiling: •No drop ceiling.  
•Adequate lighting.

•2 sinks with built-in unit.  
•TV outlet.  
•Electrical outlets, 220 volts as well  
as 110 volts.  
•2 Built-in, locked closets with  
shelving.

Moveable:

10-Model CB2 Craft Unit Table-60"X42"X29½"	
Stock #465367	
Brodhead-Garrett Co.	\$ 190.00 ea.
50-Stacking Chairs #17440 with "over-lok" system "Vertex" chairs	
ATD-American Co.	19.60 ea.
Deluxe Bulletin Board #36288 Aluminum Frame 3'X4'	
ATD-American Co.	29.50
Chalkboard-Aluminum Frame 3'X4' Model #38020	
ATD-American Co.	35.50
4-Large Wastebaskets	
1-Lectern Desk-Model #1202 Stock #465199 24" X 48"	
Black with Plastic Top Brodhead-Garrett Co.	154.38
1-Student Table #196693 Model ST-35 60"X24"X30"	
Brodhead-Garrett Co.	205.00



202. Fundamentals ClassroomFixed:

Floor: •Tiled.

Walls: •Painted Concrete Blocks  
with Cork Panels for display.  
•36" Door, locked.

Ceiling: •Drop with adequate lighting.

- Windows with blackout capability.
- Permanently Fixed Film Screen or one wall painted white gloss.
- Electric outlets.
- Built-in Storage Unit with Sink.

Moveable:

Deluxe Bulletin Board-Aluminum Frame-3'X4' Model #36288 ATD-American Co.	\$ 29.50
Chalkboard-Aluminum Frame 3'X4' Model #38020 ATD-American Co.	35.50
40-Stacking Chairs #17440-with 'over-lok' system 'Vertex' Chairs-orange ATD-American Co.	19.60
1-Wastebasket 10-Model CB2 Craft Unit Table 60"X42"X29½" Stock #465367 Brodhead-Garrett	190.00
1-Lecturn Desk-Model #1202 Stock #465199 24"X48" Black with Plastic Top Brodhead-Garrett Co.	154.38
Pencil Sharpener	



113. Crafts Room:Fixed:

Floor: .Painted Concrete.

Walls: .Painted Concrete Block  
with Cork Panels for Display.  
.36" Door, locked.

Ceiling: .Drop ceiling not needed,  
.Adequate lighting.

- .Windows with drapery, if used.
- .Permanently Fixed Film Screen.
- .Electric Outlets, 220 volts as well as 110 volts.
- .Built-in storage unit with  
2 Double Stainless steel sinks,  
with double drainboards,  
McMasters 76 Catalog, p. 589,  
24" square compartments,  
24" drainboards.
- .Dust and fume exhaust systems,  
separate from regular building  
ventilation.

\$ 620.83 ea.

Moveable:

Deluxe Bulletin Board Aluminum Frame 3'X4' Model #36288 ATD-American Co.	\$ 29.50
Chalkboard, Aluminum frame 3'X4' Model #38020 ATD-American Co.	35.50
Tool locker for woodworking, #TL-84W Paxton-Patterson p. 87	779.00
Complete set of tools to stock above cabinet Paxton-Patterson p. 87	1539.00
Display Cabinet, #342-GL with lock, 36"X15"X42" 2 shelves Paxton-Patterson p. 102	129.00
#28 Standing Desk Paxton-Patterson p. 105	134.50
Cushioned Stool #P2386 Paxton-Patterson p. 137	89.50
2-Gray Steel Storage Cabinets with locks #S18 Paxton-Patterson p. 80	140.00 ea.
Rockwell variable speed scroll saw, #40-306, 24" with #49-363 retractable castors with #40-882 lamp attachment Paxton-Patterson p. 254	653.00
5-4-station workbenches with 8 locker bases, wood tops, 4AB-331A, top style A with 4 vises each Paxton-Patterson p. 44	588.00 ea.
20-stools with back rests #623-S Paxton-Patterson p. 137	30.50 ea.
2-Large Wastebaskets	



107. Wood-Stone Sculpture Room:Fixed:

Floor: • Floor covering of resilient material in all studio areas.

Walls: • Painted Concrete Block,

Ceiling: • Concrete exposed,

- Windows not necessary.
- Electrical outlets, 220 volts as well as 110 volts.
- Permanent Slide Screen.
- Compressed air outlets.
- Double doors, no center post.
- 2-Double compartment, double drainboard sinks, 24" compartments, 24" drainboards, Masters 76 Catalog p. 589. \$ 620.83 ea.
- Dust and fume exhaust systems separate from regular building ventilation.
- Overhead track and hoist-moveable, full length of sculpture area.

Moveable:

Rockwell 13"X6" Planer, #220401	
Paxton-Patterson p. 248	\$ 1092.80
Extra knives for above planer	
Paxton-Patterson p. 252	60.00
Motor and electrical controls for planer #52-374	
Paxton-Patterson p. 248	452.00
Rockwell 20" wood/non-ferrous cutting band saw #28-340	
Paxton-Patterson Co. p. 234	1175.00
Motor and Controls for above saw #52-442, 1-ph., 2 h.p., 220 v.	
Paxton-Patterson p. 234	355.00
Rockwell Radial Arm Saw, #33-791	
Paxton-Patterson	735.00
Legs set for above saw #50-104	
Paxton Catalog p. 225	39.95
Rockwell 15" Drill Press #15-467	
Paxton Catalog p. 152	490.00
Motor and controls for Drill Press above, #49-449	
Paxton Catalog p. 152	246.00
Standing Desk #28	
Paxton-Patterson p. 105	134.50
Cushioned Stool #P-2836	
Paxton Catalog p. 137	89.50
2-Industrial Steel Shelving #OK-18	
Paxton-Patterson p. 79	68.50 ea
2- Large Wastebaskets	



Three Dimensional Unit

Graduate Sculpture Room:

Fixed:

Floor: .Floor covering of  
resilient material.

Walls: .Painted Concrete Block.  
.Double doors, no center post.

Ceiling: .Concrete exposed.

- .Windows.
- .Electrical Outlets, 220 volts as well  
as 110 volts.
- .Dust and fume exhaust systems,  
separate from building ventilation.
- .Overhead track and hoist-full  
length of sculpture area.
- .Compressed Air Outlets.

Moveable:

4-Swivel Chairs, #668-T  
Paxton-Patterson p. 137 \$ 55.80 ea.  
2-Large Wastebaskets



104. FoundryFixed:

Floors: •Concrete-sealed.

Walls: •Painted Concrete Block.

Ceiling: •No Drop Ceiling-exposed concrete.  
•Overhead track/hoist, 1 ton capacity for moving heavy objects.  
•15 ft. ceiling.

- Exhaust system over foundry locations, and burn-out kiln, non-inflammable.
- Sunken Sand Pit (4'X4'X4').
- Sunken Pit for Melting Foundries (4'X6'X26" combined).
- Large fold-away door, approximately 12 ft. high, to outside of building, for use with track/hoist.
- Electrical outlets, 220 volts as well as 110 volts.
- 1 Stainless steel sink.
- Faucet with hose equipment.
- Fire prevention equipment.

Moveable:

Johnson Crucible Furnace, #950,	
L & R Specialties	\$ 1095.00
Alpine Gas-fired Kiln, ND-20, p. 21,	
Minnesota Clay	3365.00
Automatic Instrumentation for Alpine Kiln, JL for ND West Instrumentation Corp.	
Minnesota Clay	258.00
12-Kiln Shelves 20"X20"X1"	
Minnesota Clay	11.10 ea
2-Large Wastebins	



109. Model Studio:Fixed:

Floor: •Sealed Concrete.

Walls: •Painted Concrete Block.

Ceiling: •No Drop Ceiling-15ft. ceiling,  
exposed concrete.  
•Continuation of track/hoist  
straight through both rooms.  
•Sizeable doors either side  
where track goes through  
room.

•Exhaust system, over forge, spray  
painting booth, and sandblasting  
booth.

•Gas supply for gas forge.

•Air outlets for air driven  
hand tools.

•2-Double Stainless Steel Sinks  
with 24" square double  
compartments, 24" drainboards,

McMasters-Carr, p. 589 \$620.83 ea.

•Electrical outlets, 220 volts as well  
as 110 volts.

•Adequate lighting.

•Fire prevention equipment.

Moveable:

Metal cutting band saw,  
wet cutting, #3981F23,  
single phase, 110 v.,  
McMaster-Carr p.1201 \$ 1035.00  
Sandblast cleaning  
cabinet,

McMaster-Carr p. 694 917.15

Pedestal Grinder, 2 h.p.,  
1 ph. 110 v. #4606D1

McMaster-Carr p. 1243 408.85

Rockwell 15" Drill Press,  
Paxton-Patterson p. 152 490.00

Motor and controls for  
Rockwell Drill Press  
#49-449

Paxton-Patterson p. 152 246.00

Rockwell 20" Metal  
Cutting, Variable Speed  
Bank Saw #28-345,

Paxton-Patterson p. 236 2000.00

Motor and controls for  
Rockwell Saw #28-345,  
Stock #52-442

Paxton-Patterson p. 236 355.00

6-Workbenches, steel  
4'X24", #6310,

Paxton-Patterson, p. 54 91.75 ea.

TL-84M Tool Locker,  
metalworking, complete with  
tools

Paxton-Patterson, p. 88 2314.00

2-Large Wastebaskets



106. Welding Studio:Fixed:

Floor: •Concrete, sealed.

Walls: •Painted Concrete Block.

Ceiling: •15 ft. ceilings.  
 •No drop ceiling-exposed concrete.  
 •Track/hoist continuing through welding studio.  
 •Individual exhaust hood over each welding station.  
 •Adequate Lighting.

•Appropriate double doors to allow large objects to be moved through welding studio area-no center posts.  
 •Outside door possibly.  
 •Electrical outlets-220 volts as well as 110 volts.  
 •Fire prevention equipment.

Moveable:

2-Gas Welding Benches, 3'X3' #GW-3 p. 67 Paxton-Patterson	\$ 120.25 ea.
2-Steel Workbenches 4'X24" #6310 p. 54 Paxton-Patterson	91.75
1-AC/DC Welder, #7944E1 Portable Welder Cart #7944E2	817.45
McMaster-Carr p. 1447 2-Large Wastebins	81.25



A-B. Faculty Office-Studio: Sculpture (2)Fixed:

Floor: •Floor covering of resilient material.

Walls: •Painted Concrete Block.

Ceiling: •No drop ceiling.  
•Adequate lighting.

- Electrical Outlets, 220 volts as well as 110 volts.
- Dust and fume exhaust systems, separate from regular building ventilation.
- 2-Double Stainless Steel Sink, with double drainboard, 24" compartments, 24" drainboards,  
McMasters 76 Catalog p. 589. \$ 620.83 ea.
- Telephone Outlet.

Moveable:

2-Gray Steel Storage Cabinets with lock #S-18

Paxton-Patterson p. 80 \$ 140.00

2-Steelmaster Filing Cabinet, #2905L with lock 15"W, 58½"H, gray

5-drawer

Paxton-Patterson p. 107 228.00

4-Folding Chairs with plastic laminated tablet arms, #901TAP

Paxton-Patterson p. 134 23.65

2-General Purpose Bench #36C45

Paxton-Patterson p. 53 626.00

2-Adjustable Stool #P2432

Paxton-Patterson p. 137 88.00

2-Wastebasket



117. Graduate Ceramic Studio:Fixed:

Location: Near clay preparation  
and kiln areas..

Floor: • Concrete (without floor  
covering)-sealed.  
• Floor drain with sloping  
floor.  
• Clay trap system in drain,  
A Must.  
• Stainless steel sink.  
• Locked, 36" door.

Walls: • 65 ft. formica topped,  
31" high, 2' wide cabinets  
with open shelves above.  
• Windows not necessary.

Ceiling: • Flourescent lighting.  
• Drop ceiling not necessary.

• Dust and fume exhaust system  
separate from regular building  
ventilation.

Moveable:

3-Metalworking Benches #SML-4  
Stock #457702

Brodhead-Garrett

\$ 251.00e

6-Stationery Chairs #503M

Height 24" #468522

Brodhead-Garrett

19.66e

2-Large Wastebaskets

6-Potters Wheels

6-Potters Wheels Tables



116. Ceramics Glazing Room:Fixed:

- Floor: •Concrete (without floor covering) sealed.  
 •Floor drain with sloping floor.  
 •Clay trap system in drain-  
 A Must.

- Walls: •Durable, hoseable material, (concrete block).  
 •35 ft. continuous formica-topped, 31"H, 2'W Cabinets with open shelves above.  
 16 ft. continuous wall cabinets, 2'HX1'Deep, (above glaze formulating tables, lower level-storage bins).  
 •Stainless steel sink.  
 •Windows not necessary.

- Ceiling: •Adequate lighting.  
 •Drop ceiling not necessary.

- Dust and fume exhaust system separate from regular building ventilation.  
 •Electrical outlets.

Moveable:

- |   |           |
|---|-----------|
| Glaze formulating table<br>#GFT-16A (Stainless Steel Top)<br>L & R Specialties  | \$ 549.00 |
| Glaze formulation table<br>#GFT-32<br>Stainless Steel Top<br>L & R Specialties  | 1029.00   |
| Glaze formulation table<br>#GFT-16B<br>Stainless Steel Top<br>L & R Specialties | 489.00    |
| 2-Glaze formulation tables #GFT-8<br>Stainless Steel Top<br>L & R Specialties   | 279.00    |
| 1-Grinder   |           |
| 2-Large Wastebaskets  |           |
| 3-Industrial Spray Booths   |           |



120. Storage - Dry Clay Room:Fixed:

Location: Adjacent to handbuilding and wheel-throwing areas. Access to exterior unloading area.

Floor: •Concrete (without floor covering) - sealed.  
•Floor drains with sloping floor.  
•Large Clay Trap system in drains-A Must.

Walls: •Durable, hoseable material.  
•Exhaust fan 24", directly to outside.  
•40 ft., continuous, 2 ft. wide wall-shelving above, 3 ft. from floor level.  
•1 deep sink, stainless steel.  
•Double door, no center posts.

Ceiling: •Adequate lighting.  
•Drop ceiling not necessary.

•Dust and fume exhaust systems separate from regular building ventilation.

Moveable:

1-Walker Pug Mill	
Walker Jamar Co.	\$ 1295.00
1-Soldner Clay Mixer	
with stainless steel	
shaft and blad	
Soldner Pottery Equip.	
Inc.	1320.00
2-Large Wastebaskets	



118-119. Ceramic Lab Room: (Handbuilt and throwing)Fixed:

Floor: •Concrete (without floor covering) -sealed.  
 •Floor drain with sloping floor.  
 •Clay trap system in all drains, A Must (50-100 gallon clay collection trap).

Walls: •Durable, hoseable material, (concrete block).  
 •15 ft. floor-to-ceiling.  
 •Locked, Double Door, No center posts.

•Water faucet with hose attachment.  
 •4-Stainless Steel Sinks.

Ceiling: •No drop ceiling.  
 •Adequate lighting.

•Dust and fume exhaust system separate from regular building ventilation.  
 •Extensive electrical outlets, 220 volts and 110 volts.  
 •TV Outlets.  
 •Fire prevention equipment.

Moveable:

16-3'X6' Stainless Steel Top Work Tables with lower storage  
 15-Potters Wheels Tables with built-in vat storage  
 10-Potters wheels  
 1-Wedging Table 2'X12"  
 1-Water Hose Unit  
 24-Stools



114. Kiln Room:Fixed:

Location: •Outside primary structure possibly with fire wall; adjacent to drying room, handbuilding and throwing room.

Floor: •Concrete (without floor covering) - sealed.  
 •Clay trap system in drains. A Must.  
 •Floor drain with sloping floor.

Walls: •Fireproof, durable material.  
 •20' floor to ceiling 2' deep shelving.  
 •2-36" Exhaust fans directly to outside.  
 •Outside double door with no posts.

Ceiling: •Closeable roof vent system.  
 •Gas and fume filtering system on kiln exhaust stack(s), URGENT, Environmental Air Control, Inc.  
 747 Bowman Avenue  
 Hagerstown, MD 21740  
 •Drop ceiling not possible.  
 •Heat proof lighting and wiring system.  
 •Fire prevention equipment.

Moveable:

30 cu.ft. Dickinson gas kiln Model OF 1830R	\$ 6,950.00
WIC Ceramic Fiber Drum	
Raku Kiln (Western Industrial Ceramics)	452.00
2-Large Wastebaskets	



Future Kiln Room for Coal-Fired Kiln:

Fixed:

Location: •Outside primary structure  
possibly 2/fire walls; adjacent  
to kiln room.

Floor: •Concrete (without floor  
covering) - sealed.  
•Floor drain with sloping  
floor.  
•Clay trap system in drains,  
A Must.  
•Recessed coal storage bin.

Walls: •Fireproof, durable material.  
•20' floor-to-ceiling.  
•2' deep shelving.  
•1-36" exhaust fan directly  
to outside.

Ceiling: •Closeable roof vent system.  
•Gas and fume filter system  
on kiln exhaust stack, (may  
be combination with stack  
filter of primary kiln room).  
•Unfinished non-drop ceiling.  
•Heat-proof lighting and wiring  
system.  
•Fire prevention equipment.

Moveable:

2-Large Wastebaskets



## C Faculty - Office-Studio: (Ceramics-1)

Fixed:

Location: •Adjacent to handbuilding  
and wheel-throwing classrooms.

Floor: •Concrete(without floor covering).  
•Floor drain with sloping floor.  
•Clay trap system in drain.  
•Stainless steel sink.

Walls: •Durable, hoseable material.  
•30 ft. continuous formica  
topped cabinets, 31" high  
X 2' wide with open shelves  
above.  
•15 ft. floor-to-ceiling open  
shelving behind desk area.  
•Locked, 36" door.

Ceiling: •Flourescent lighting.  
•Drop ceiling not necessary.

•Dust and fume exhaust system  
separate from regular building  
ventilation.

Moveable:

2-"Belmont" Side Chair	
#01486 Steel Frame-Black	
Gold Vinyl Upholstery	
ATD-American Co.	\$ 37.90 ea
2-Clay Storage Carts	
#9400	
L & R Specialties	229.00 ea.
1-Wastebasket	
2-Storage-countertop cabinets	



120. Jewelry-Metalsmithing Room:Fixed:

Floor: •Concrete, painted black or covered with a black resilient material.

Walls: •Asbestos.  
•Small Cork Area for display.  
•Slide/Film Screen mounted above blackboard area.  
•If windows, need blackout drapery.  
•1 air outlet for sandblaster.

Ceiling: •Sound absorbing white ceiling.  
•Adequate lighting.

- Electrical outlets for flat table units with covers in annealing area for electric picklers, in electroplating and forming areas. One floor outlet with cover opposite movie screen for use in projecting.
- Wiring in Lapidary Unit for trim saw and cabing outfit.
- 220 and 600 volt line for Amaco kiln.
- Outlets for storage cabinet lights.
- 2 Stainless steel sinks (must be) with Cabinets below #464576, Brodhead-Garrett, p. 317, \$ 1,428.00ea.
- Counters along wall of room to measure length of room. Formica tops except where soldering-then slate or asbestos tops. Base cabinets can be as on p. 315, Brodhead-Garrett.
- Room lockers under counters, if possible, along 2nd wall, #454028 Brodhead-Garrett, p. 226-227 432.00.
- Sinks should have easy-to-get-to trap incase.
- Lapidary equipment needs to be left on sink with wiring available.
- Right of sink needs counter area for investment and lower cabinet with no shelves to hold investment drums.
- 8 hanging electric outlets above student workbenches.

Moveable:

1-JL900 Cabinet-Waterloo, red enamel, 26½W X 18 1/8"D X 34 3/4"H, 161 lbs. Waterloo Industries, Inc. 300 Ansborough Avenue Waterloo, Iowa 50704 1-Base Unit for Cabinet JL900 Waterloo Industries, Inc. 16-Adjustable stools #468416, S1824, 18-24"-17 lbs. Brodhead-Garrett	\$ 37.00 ea
1-TS20 Art Metal Tool Cabinet #459076 TS20-CT p. 268, includes tools Brodhead-Garrett	2956.00
1-TS19 Lapidary Tool Cabinet #459043, p. 267, includes tools Brodhead-Garrett	2098.00
1-TS18 Cabinet with Tools #459010, p. 266 Brodhead-Garrett	4925.00
1-Special School Model #013412, Single phase 115v. Rockwell Delta Sander, (vertical) p. 65 Brodhead-Garrett	255.43
1-Jelrus Handy-Melt Electric Furnace "B"; 110 v. AC, Model #700D, Automatic Handy-Melt complete Jelrus Instrument Corporation 2020 Jericho Turnpike New Hyde Park, NY	244.00
2-Towel Dispensers School Specialty Supply 1-Electric Wax Kiln #309182 110 v. AC/DC Brodhead-Garrett p. 1126	136.45
1-Flexible Shaft Machine with floor rheostat, CC/DD Series #308103, Hangup 5D, Brodhead-Garrett	106.00
1-Collet for handpieces, #187963-600, Brodhead-Garrett	5.00
Accessory Bit Sets for grinding:	
1-#308219 Set #10	9.75
1-#187985 Set #120	10.95
1-#308208 Set #60	21.95



Jewelry-Metalsmithing Room:

Fixed:

Moveable:

1-#187996 Set #200	\$ 21.50
1-#308220 Set #20	14.95
1-#188001 Set #30	22.95
1-#308241 Set #70	7.50
Brodhead-Garrett p.1116	
4-1a-24-4-seat workbench	
center recess for prestolite	
#1 maple with #3 two way	
fitting the use of 2 torches.	
Allcraft p. 4	
215 Park Avenue	
Hicksville, NY 11801	340.00 ea
16-Soldering Arms, 4" bowls	
#1a-29 p. 5	
Brodhead-Garrett	6.75 ea
1-Table unit for crating	
Brodhead-Garrett	12.00
1-1J-42 Silversmithing	
screwplate with taps	
Allcraft p. 17	9.95
1-Set of Circle Cutters	
2D-5 #2 p. 38	
Brodhead-Garrett	43.00
1-Set of Circle Cutters #1	
Brodhead-Garrett p. 38	28.95
1-Wire Rolling Mill 2U-25 #4	
Allcraft p. 57	395.00
1-Unimatt Lathe 2U-25	
Brodhead-Garrett p. 60	199.50
1-Triple Beam Balance Scale	
3M-6	
Brodhead-Garrett p. 83	50.95
1-Chemical Cabinet #141124	
36X18X78 p. 304	
Brodhead-Garrett	169.00
3-Extra Shelves for chemical	
cabinet. #314 shelf	
Brodhead-Garrett p. 304	6.00 ea
1-2 drawer file cabinet #462600	
Brodhead-Garrett p. 300	107.00
1-Display Case SC14	
60"WX22"D X84"H	
Brodhead-Garrett	592.00
4-Prestolite Tanks	
Local rental	
8-Prestolite Unit Heads	
#401 Handles	
Union Carbide Corp. approx.	59.00 ea
2-36"X84" Workbench	
for drill press and sander	
1-24"X84" Workbench	
for drill press and sander	



Jewelry-Metalsmithing Room:

Fixed:

Moveable:

1-Blackboard #38020	
ATD-American Co.	\$ 35.50
2-Large Wastebaskets	



04-206. Photography and Darkroom:Fixed:

Floor: •Concrete, painted.

Walls: •Painted Concrete Block.  
•36" Door, locked.Ceiling: •Drop ceiling.  
•Necessary lighting as  
demanded in photo lab.•Electrical Outlets.  
•Plumbing and lighting to  
be worked out as needed in  
Photography.Moveable:

12-Adjustable Easel Base Kreonite #AE42	\$ 136.50 ea.
Combination Sink and Jet Wash System Kreonite #24-125WDB	2679.00
Film Hanger Rack Kreonite #KFH2024	1850.00
3-Plastic Storage Tanks 7 gals. Brown Co.	45.00 ea.
10-Wall Mount Cabinets Shelf with Door W27 Kreonite	85.00 ea.
12-Thomas Scoponet	24.50 ea.
12-Speed Ez-els 8"X10"	5.75 ea.
12-Kodak Adjustable Safe Light Model B	8.75 ea.
12-Variable Contrast Kodak Filter Kit Polycontrast Model A	26.65 ea.
12-Master Time-0-Lite	38.25 ea.
De-Humidifying and Ventilating System, Agnew Higgins Model 2600 Fan with Filter Module	625.00
Simcon Antistatic Hand Brush	95.00
Consolidated Revolving Darkroom Door	495.00
Seal Dry Mounting Press	293.00
12-D5 Omega Enlargers	595.00 ea.
12-75mm Lens for D5 Omega Enlarger	85.00 ea.
12-50mm Lens for D5 Omega Enlarger	81.00 ea.
12-2½X2½ Carrier for Omega D5 Enlarger	17.50 ea.
12-35mm Carrier for Omega D5 Enlarger	17.50 ea.
15-Stools	20.00 ea.
2-Large Wastebaskets	



207. Serigraph Studio:Fixed:

Floor: •Tiled.

Walls: •Painted Concrete Block.  
 •36" Door, locked.  
 •Windows not needed.

Ceiling: •Adequate lighting.

•Electric Outlets.  
 •Sink.

•Should be located near  
 Photographic area.

Moveable:

5-Wall Mount Cabinets	
Shelf with Door W27	
Kreonite	\$ 85.00 e
2-Drying Racks,	
American Rack King	200.00 e
Combination Graphic Arts	
Sink for Litho Film	
Kreonite	750.00
5-Tables	70.00 e
10-Stools	20.00 e
2-Large Wastebaskets	
1-Adjustable Trimming Board	
#7T-24½" with safety spring	
Modern School Supplies	57.60



209. Basic Design-Fiber Room:Fixed:

Floors: •Tiled.

Walls: •Painted Concrete Block.  
•1 Wall Cork Board.Ceiling: •Drop ceiling not necessary.  
•Adequate lighting.

- Windows with drapery, if possible.
- Locked, 36" door.
- Built-in Storage with locking doors.
- Several electrical outlets.
- 1 Double Sink Unit.

Moveable:

16-Stacking Chairs #F6850417	
Dick Blick p. 223	\$ 19.50 ea.
4-Space saver tables #F6801400, adjustable top, 84"X48"X30"	
Dick Blick p. 230	257.89 ea.
3-Tables, 30"X60" #2137A p. 140	
School Specialty Supply	62.45 ea.
3-Mobile Cabinets, drawer over base, 36"X24" X36" #19030 p. 81	278.20 ea.
School Specialty Supply	
3-Mobile Cabinets with doors, 36" high, SM19020	
School Specialty Supply p.81	214.00 ea.
1-Coat Rack #E-33	
33" Mount on wall p. 151	
School Specialty Supply	13.60
1-Paper Cutter with legs and shelf 30"X30" #1290	
S & W Framing Co. p. 38	131.25
1-Dickerson Combination Press 27"X48" #DC2 with Motor on steel slotted angle table for press	
Graphic Chem. & Ink p. 36	1388.00
2 yd. Cushion Blanket, 28" wide	
Graphic Chem & Ink p. 31	40.00
2 yd. Pusher Blanket, 28" wide	
Graphic Chem & Ink p. 31	30.00
20-Speedball Soft Rubber Brayers #64 Soft 411 p.33	
Graphic Chem & Ink	3.00 ea.
20-Speedball Midget Brayer #70 Soft p. 33	
Graphic Chem & Ink	2.10 ea.
20-Speedball Midget Brayer #72 Soft p. 33	
Graphic Chem & Ink	2.50 ea.
1-Ceiling Projection Screen 8'X8' Luma 2 p. 504	
School Specialty Supply	175.35
1-Pencil Sharpener #678000	
Dick Blick p. 45	6.70
Blackout Shades or Drapes	
Steel Framed Blackboard #38084- 3'X6'	51.50
Bulletin Board #38084	
3'X4' ATD-American Co.	29.50
2-Large Wastebaskets	
1-Plastic Tray-18"X24"	



210. Graphic Design/Interior Design Room:Fixed:

Floors: •Tiled.

Walls: •Painted Concrete Block.  
 •1 wall partially covered  
 with bulletin board material  
 with ledge.

Ceiling: •Drop ceiling.  
 •Adequate lighting.

- Windows with blackout drapery.
- Coat Rack #E-33, 33" long, mount  
on wall, School Specialty p. 151  
\$13.60.
- 3 locked 36" doors.
- 1 airvent for darkroom.
- 1 airvent for typography.
- 1 airvent for main classroom.
- Electrical outlets, 220 volts as  
well as 110 volts.
- Built-in storage with locking doors.
- Stainless steel sink unit.
- Graphic Arts Sink, Model 1418SVW,  
Lawrence Photo, \$622.00.
- Enlarging Station (ES-36  
Kreonite) Lawrence Photo \$220.50.
- Locking Bookcase.
- Blackboard.

Moveable:

1-Instructor's Drafting Desk, 37" high #3500 p. 76	
School Specialty Supply	\$ 540.00
14-Bieffe Unigraph Drawing Tables 31"X42" p. 8	
Sam Flax	135.00 ea
22-Drafting Stools #29820 24"-32" adjustable p. 126	
School Specialty Supply	81.00 ea
16-Drawer Storage #PS800 8 hasp locking drawers p. 92	
Modern School Supplies	303.00 ea
1-Table #2500 30"X72"	
School Specialty p. 140	54.00
4-Mobile Cabinets, drawer over base 36"X24"X36" #19030 p. 81	
School Specialty Supply	278.20 ea
1-Ingento Paper Cutter #258530 30"X30"	
Dick Blick p. 135	109.80
2-Rotary Paper Trimmers 18"X18"	
Dick Blick p. 135	44.80 ea
1-A.V. Mobile Unit #C42E 42" high p. 525	
School Specialty Supply	116.00
1-Ceiling Projection Screen Luma 2 8'X8' p. 504	
School Specialty Supply	175.35
1-L-Shaped Desk #15165	
School Specialty Supply p.123	135.00
1-Chair #55-S p. 113	
School Specialty Supply	63.60
1-2-drawer Filing Cabinet with lock p. 111	
School Specialty Supply	108.10
1-Goodkin Swivel Top Projector F-956100 p.213	
Dick Blick Graphic Arts Catalog	695.00
1-Light Table (Lucent) 18"X22" P. 169	
Texas Art Supply	159.95
1-Light Table, Steel floor model #28 46"X31½"X37½"	
with magnetized T-square A.I. Friedman p. 95	430.00
1-Argyle Process Camera Lawrence Photo p. 30	1895.00



Graphic Design/Interior Design Room:

Fixed:

Moveable:

1-Vivitar E-74 Enlarger and lens p. 128 Lawrence Photo	\$ 260.00
1-Platemaking Table #36-2427C by Kreonite 36"X33" Lawrence Photo	469.00
1-Vacuum frame and Arc unit #F-1540100 Dick Blick p. 157	780.00
1-Multilith Offset Press Addressograph Corp. 1200 Babbitt Rd., Cleveland	9500.00
1-Varityper Headliner Addressograph Corp. Fonts for headliner	1000.00 200.00
1-IBM Selectric Composer with several fonts (lease item) 14-Artistic Model S-1 Airbrushes p. 11 Artistic Airbrush Catalog	45.00 e
7-Carbonic Gas Cylinders local rental 7-CO2 Tank regulators with dual connections CN9D-2 A.I. Friedman p. 166	41.50 e
14-Artistic Braided Airhoses, 8' long p. 20 Artistic Airbrush Catalog	4.50 e
1-Lectrostik Handwaxer #583700 Dick Blick p. 134	28.90
1-Chartpak Transfer Lettering Cabinet and contents Dick Blick p. 100 Safelights	
Lawrence Photo p. 34 Kodak Chemical Storage Tanks Lawrence Photo p. 121	99.00 40.00
Enlarging Easel Lawrence Photo p. 121 Gra-Lab Timer Lawrence Photo p. 101	25.00 54.90
Time-o-Lite Lawrence Photo p. 102 Filter Kit for Enlarger Lawrence Photo p. 91	43.90 29.95
16-Table lights (Dualite #562300) Dick Blick p. 297 6-Halftone screens, several styles Lawrence Photo p. 32	45.90 e



Graphic Design/Interior Design Room:

Fixed:

Moveable:

1-Keeton 53½ Mat Cutter #1344 p. 9	\$ 309.00
S & W Framing Supply	
1-Keeton Mat Marker P. 9	
S & W Framing Supply	16.95
1-Drymount Press Model 210	
Lawrence Photo p. 176	268.00
1-Tacking Iron	
Lawrence Photo p. 176	14.95
1-Type Size Finder	10.75
60-Drawing Boards #718748	
Dick Blick p. 292	4.75 ea
60-T-squares, 24" metal edge p. 100	
Texas Art Supply	8.75 ea
1-Swingline 101 Staple Gun #565500	
Dick Blick p. 129	7.40
1-Heavy-duty tape dispenser #438000	
Dick Blick p. 127	10.75
1-Rapidograph pencleaner #F697900	
Dick Blick p. 52	65.90
20-Rapidograph penholders with fine point #696101	
Dick Blick p. 51	4.40 ea
4-Large wastebaskets	
2-Pencil Sharpeners #678000	
Dick Blick p. 45	6.70 ea
1-Kraft paper roll holder #543000	
Dick Blick	9.80
8 pair Walker System Room Divider Standards with plain base, 60" tall	33.25 pa
16-Stiffners for 48" long panels	10.50 ea
9-Junction Kits for Walker System	9.50 ea
1-Folding Machine Michael Business Machines, NY	



01. Printmaking Room:

Fixed:

Floor: •Painted Concrete.

Walls: •Painted Concrete Block  
except for one wall to be  
covered with plywood.

Ceiling: •Drop ceiling not necessary.  
•Adequate lighting.

- Acid Cabinet with Sliding Doors.
- 2 Metal Sinks with built-in unit.
- Adequate ventilation from acid cabinet to outside, separate from regular building system.

Moveable:

1-Charles Brand Litho Press 30"X50" 2100 lbs. Charles Brand Co.	\$ 3500.00
1-Charles Brand Intaglio Press Model 32 32"X52" 1700 lbs. Charles Brand Co.	3690.00
12-Litho stones	100.00 e
2-Blueprint Files-Steel BF-75 55 3/8"X15 3/4" X 41 3/8" with Base BF-75B Gray File	270.00 e
Base	43.00 e
Modern School Supplies 1-Adjustable Trimming Board #7T-24 1/2"-with safety spring Modern School Supplies	57.60 e
12-Contemporary Table-Folding 30"X60" - #20632, Heavy-duty Plastic Top ATD-American Co.	88.50 e
20-Stacking Chairs #17440 with "over-lok" system, "Vertex" chair ATD-American Co.	19.60 e
4-Large Wastebaskets(Plastic)	



216. Drawing Room:

Fixed:

Floors: Tiled

Walls: •Painted Concrete Block.  
•1 wall suitable for displaying work.  
•Picture molding.  
•No windows.

Ceiling: •No drop ceiling.  
•Adequate lighting, track lighting with spots (adjustable).

•Electrical Outlets.  
•Built-In Storage Cabinet with sink.  
•Film/Slide Screen-Luma II 7'X9',  
School Specialty Supply, \$ 183.00.

Moveable:

25-Drafting Student Desks #7000	
School Specialty Supply	\$ 227.00
25-Swingout Taborets #7100	
School Specialty Supply	39.00
1-Teachers Cabinet #1551A on castors	
School Specialty Supply	349.00
25-Drawing Chairs #RUC-A-2230	
School Specialty Supply	57.00
1-Audio-Repeat Cassette-Recorder #AAC-1001	
School Specialty Supply	169.50
1-16mm Sound Projector RT-0	
School Specialty Supply	897.00
1-Kodak Slide Projector 860H	
School Specialty Supply	304.50
1-Roll-away Cabinet #03190	
School Specialty Supply	93.00
2-Pencil Sharpener #673000	
Dick Blick	11.90
1-Bevel Mat Cutter #F-260600	
School Specialty Supply	288.50
2-Art Beam-lite #563200	
School Specialty Supply	48.40
36-Drawing Boards #974664	
School Specialty Supply	12.90
1-Modelling Stand (Modular Unit)	
1-Couch (for modelling)	
1-Chair (for modelling)	
2-Large Wastebaskets	
1-Adjustable Trimming Board #7T-24½" with safety spring	
Modern School Supplies	57.60
1-Wardrobe Cabinet #30712	
72"HX24"D Steel, Grey	
ATD-American Co.	77.50



213. Painting Studio:

Fixed:

Floor: •Concrete.

Walls: •Painted Concrete Block.  
•North windows,  
•North light desired.  
•Double doors, locked, no  
center posts.

Ceiling: •No drop ceiling.  
•Adequate lighting.

•Electrical Outlets.  
•2 Stainless steel double sinks.

Moveable:

50-Lotus Painting Easels	
Lotus Tool and Manufacturing	
Co. 855 S. Telegraph Rd.	
Monroe, MI 48161 approx.	\$ 125.00 e
30-Painting Cabinets (built-in)	60.00 e
1-Model Stand	
1-Wardrobe Cabinet	
20-Painting Tables	
1-Music Center	
1-Adjustable Trimming	
Board #7T-24½" with safety	
spring	
Modern School Supplies	57.60



215. Framing Room:

Fixed:

Floor: •Floor covering of resilient material.

Walls: •Painted Concrete Blocks.

Cellings: •Drop Cellings not necessary.  
•Adequate lighting.

•Built-in Storage Cabinets with sink.  
•Electric Outlets.

Moveable:

1-Cardboard and Glass Cutting Machine 48"X48" #1332 p. 8	
S & W Framing Supply	\$ 275.00
1-Paper Holder with Cutter Bar 36" #1420C	
S & W Framing Supply p. 17	40.00
1-Paper Cutter 30" with legs and shelf #1290	
S & W Framing Supply p. 38	131.25
1-Canvas Stretching Pliers #423 p. 27	
S & W Framing Supply	7.00
1-Glass Breaking Pliers #421 p. 27	
S & W Framing Supply	9.50
2-Stanley Hammers #368	
S & W Framing Supply p. 22	6.37 ea.
1-Point Driver-Cast Iron #437 p. 22	
S & W Framing Supply	24.72
1-Stanley Steel Tape Rule #640 p. 21	
S & W Framing Supply	3.68
1-Stanley #600 Mitre Machine p. 20	
S & W Framing Supply	172.50
2-Stanley Mitre Vises #400 p. 20	
S & W Framing Supply	52.00
1-Heavy-duty joiners vise #404 p. 20	
S & W Framing Supply	50.00
1-Stanley Nail Set Tool #612 p. 20	
S & W Framing Supply	.79
1-Mitre Machine #1400	
S & W Framing Supply p. 37	700.00
1-Heavy-duty Work Bench #A-3072 30"X72"	
School Specialty p. 119	100.00
1-Top L Cabinet/Drawer Bench 30"X60"	
Dick Blick p. 305	299.00
1-Table, 42"X60" #2157A	
School Specialty p. 140	75.10
1-Storage Cabinet with locks	
2-Wastebaskets(large)	



## EDUCATION

### Administrative Offices:(#10)

#### Fixed

Controlled recessed lighting in offices,  
fluorescent lighting in work areas,  
other appropriate lighting in  
storage area  
Electrical outlets for office equip.  
typewriters and duplicating equip;  
220V outlet for copy machine  
Acoustical tile ceilings  
Carpeted floors  
Doors 36" with locks  
Clock  
Drapes, rods, and proper blinds  
Built-in storage cabinet with  
counter top, bookcases above on  
one wall  
Built-in cabinets for storage of  
paper and duplicating supplies  
Built-in cabinet and shelving on  
one wall  
Built-in cabinets in work area  
Telephone system with intercom  
Built-in coat closet-supply room

#### Moveable

Executive Desk with attached table  
Executive swivel chair  
4 Side arm chairs  
Upholstered Sofa  
Upholstered Chair  
Rectangular Magazine Table  
2 four-drawer filing cabinets (or 4 two-  
drawer filing cabinets)  
3 Coat stands  
5 Wastebaskets  
1 Principal's desk  
1 Swivel chair  
1 Teacher's desk  
1 Armless swivel chair  
2 Steel library shelving 84 x 9 3/4" x 36"  
(6 shelves)  
2 Four drawer full suspension letter files  
1 Two drawer full suspension letter file  
2 side arm chairs  
1 folding table 36"x72"  
2 Tackboards 4'x6'  
2 Pencil sharpeners  
1 conference table  
12 side arm chairs  
1 side table 30 x 60  
2 worktables  
3 collators  
1 Thermafax copier  
1 Heyer duplicator and cabinet  
1 heavy duty copy machine (possibly leased)  
2 double pedestal desks with side tables  
attached  
1 secretarial posture chair  
1 posture chair with arms  
6 side chairs  
4 secretarial desks with typewriter attachmt.  
4 posture chairs  
1 worktable 30 x 60  
2 armless sidechairs  
20 five-drawer full suspension filing cabine  
2 tackboards 4'x6'  
6 IBM typewriters  
1 Electronic calculator with tape  
1 Electronic calculator (large)  
6 metal card files  
1 paper cutter  
2 dictionaries



Dean of Education Office: #85

Fixed

Flourescent lighting  
Eelectric outlets (2)  
Acoustical tile ceilings  
Carpeted floor  
Drapes, drapery rods and ven. blinds  
36" door (2)  
Built-in bookcase approximately 100"x  
50"x10" with 8-10 shelves  
Telephone hookup

Moveable

1 Executive desk w/lock: 72"x36" JAFCON#CF672-66  
Credenza, 76"x18" with 1 center (\$686.00)  
drawer, 1 file drawer on each end,  
kneespace 36" JAFCON#CR676-KC, walnut, \$636.00  
Executive chair, ST#451-312T, \$267.50  
4 side chairs, ST# 451-332T, \$253.50 ea.  
1 wastebasket \$11.80  
1 telephone

Coordinator of Graduate & Cont. Ed. Office: #11, #X

Electrical outlets  
Accoustical tile ceilings  
Carpeted floor  
36" doors  
projector screen  
clock  
small wardrobe closet  
bookcase (built-in)  
two 4'x4' chalkboard w/alum. frame  
4'x4' tackboard w/alum. frame  
storage closet in work area 8'x8'x2  
controlled recessed lighting  
drapes, rods, and blinds  
one phone

one electric typewriter  
one typewriter stand  
executive desk with attached table  
rectangular magazine table  
four 4-drawer filing cabinets w/locks  
1/2 wastebaskets  
1/2 pencil sharpeners  
1 swivel executive office chair-upholstered  
6 side arm chairs  
3'x6' table  
~~1 single pedestal sec. desk 55"x30 1/8"~~  
1 secretarial chair  
2 steel bookcases, 4'x8'  
one coatstand  
1 table 3'x4'

Offices (#13,14,15,16,17,18):

Electrical outlets  
carpet  
tile ceilings  
recessed lighting  
windows that open  
36" doors w/locks  
storage closet with shelving  
drapes, rods, and proper blinds

5 folding tables, amuzite top, (#36-6AZ) \$33.25e  
12 side arm chairs 18 1/2"x18 1/2", #23A09, \$58.10 ea.  
5 principal's desks, 60x30" #8607DE, \$269.20  
4 teacher's desks, 55x30", #8475RE, \$228.10 ea.  
5 swivel chairs, cushioned, #23B39 \$123.50 ea.  
4 armless swivel chairs #23B44, \$95.00 ea.  
6 steel library shelving, 84"x9 3/4"x36"  
with end panels, #24-8409-0010 \$102.80  
2 tackboards, 4'x6'  
10 four drawer full suspension letter files  
6 pencil sharpeners (#1401, \$92.25 ea.)  
6 wastebaskets #SA-2503-86

Faculty Offices for Elem. Ed. (#1-7):

Electrical outlets  
carpet  
tile ceiling  
recessed lighting  
storage closet shelving, space for  
additional files  
36" doors w/locks  
Drapes  
7 units above the desk for shelving

7 steelcase desks  
7 swivel chairs for desks  
7 lateral steelcase files  
14 arm chairs  
7 steelcase storage cabinets  
7 wastebaskets  
shelving in storage area  
2 tackboards, 4'x6'  
7 pencil sharpeners



Faculty Offices, Reading Clinic & Services: (#34,35)

Fixed

Electrical outlets  
carpet  
tile ceiling  
recessed lighting  
storage closet shelving, space for  
additional files  
36" doors w/locks  
Drapes

Moveable

2 steelcase desks  
2 swivel chairs for desks  
2 lateral steelcase files  
4 arm chairs for students  
2 steelcase storage cabinets  
2 wastebaskets  
2 tackboards, 4'x6' on walls  
shelving in storage area  
2 steelcase units above desk for  
shelving books  
2 pencil sharpeners  
6 portable listening centers-jack boxes-  
pushing 6 headphones for 6 headsets  
cassettes.

Faculty Offices for Special Ed.: (#53,57,58,59,60)

Electrical outlets  
carpet  
recessed lighting  
tile ceiling  
storage closet shelving for books, space  
for additional files  
36" doors w/locks  
Drapes

5 steelcase desks  
5 lateral steelcase files  
5 swivel chairs for desks  
10 arm chairs for students  
5 steelcase storage cabinets  
5 wastebaskets  
shelving in storage area  
2 tackboards, 4'x6' on walls  
5 steelcase units above desk for shelving  
books  
5 pencil sharpeners

Counseling and Educational Psychology Faculty Offices: (# 72,73,74,75,76)

Electrical outlets  
Acoustical tile ceiling  
carpeting  
2 exits, one private  
clock  
bookshelves, built-in full wall-floor  
to ceiling w/adjustable shelves  
Telephone  
Built-in double doors, folding, wall-wl.  
Built-in bookshelves, adjustable  
shelves

double pedestal desk, Executive (Steelcase  
2 wastebasket -14" #32001)  
1 Executive, posture swivel chair(ST.-#C-191)  
1 chair, metal side arm (ST. #C-195)  
2 lounge-type chairs, metal upholstered(ST#  
1 end table, 24"x24"x15"(ST#540-235) 440-410)  
1 table lamp  
1 multi-purpose table w/one fixed shelf(ST#  
2 files, 5 drawer, letter w/o lock 14324-S)  
1 file, 5 drawer, letter w/lock  
1 Costumer, swivel top (ST#548-290)  
1 desk organizer  
1 tape recorder, reel-reel, record/monitor swch  
1 elec. typewriter  
1 Stand, tiffany  
1 pencil sharpener, desk, electric  
1 all-purpose table, 30"x60"  
4 side chairs, (ST #1276)  
1 five-drawer letter file, w/lock  
1 Microfiche storage cabinet(MSC 215 for  
5000 cards)  
1 Microfiche Reader



Audio Visual Projection Room: #50

Fixed

~~Overhead projector screen, mounted  
Chalkboard, 4'x12' or 16'  
Tackboard, 4'x10' or 12'  
Storage cabinets  
Built-in bookshelves  
Rheostat controlled level lighting  
Electrical outlets, 36" from floor,  
every 4' or 5' around wall  
Electrical outlets in center of floor  
Acoustical ceiling  
Carpet  
Door and lock  
Clock and signal system  
CCTV input  
Cable TV input~~

Moveable

~~20 tables 30" x 6' with 2½'x2½' dividers  
every 4' or 5'  
12 Chairs, steel frame w/upholstery  
2 wastebaskets  
1 pencil sharpener  
AV carts-overhead projector, opaque projector  
video tape recorder  
16 mm projector-manual load, auto load  
8 mm reel type projector, loop carriage  
35 mm FS projector-manual w/slide acc.  
auto load w/slide acc., Dukane, tape  
type  
Cassette tape player, portable, battery,  
classroom size with synch.  
Reel tape recorder  
Record player with mixer facility  
Mixer, medium quality  
Slide projector-carousel w/stucle loader;  
FS accessory; dissolve unit  
Overhead projector  
Opaque projector  
Seal press  
Thermal copy unit  
Lamination unit  
Visual maker  
Copy stand  
Screen--roll up with tripod  
Video tape recorder~~

Audio Storage and Faculty Viewing Room: (#9)

~~Controlled level of lighting for AV use  
Electrical outlets at 8' along all  
unshelved walls  
Shelving 24" deep & 24" apart from  
floor to ceiling  
Acoustical tile ceiling  
CCTV jack & monitor  
Jacks to tie permanent monitor into  
video tape recorders used in field  
Bulletin board 4'x4'  
Ceiling mounted screen  
Work table/bench 4'wide by 6'long w/  
electrical outlets in surface or post-  
mounted in center--drawers or storage  
underneath, may be open or have  
cabinet doors~~

~~5 Study top combination chairs as in Vecta  
Educational Group, Inc., Kalamazoo,  
Michigan Catalog  
1 Wastebasket, 13", School Specialty Supply  
Catalog, #34-DS-page 163.~~



Tutoring Rooms: (#28-37)

Fixed

26 green, slate chalkboards, alum.  
moldings, movable pegs in top for  
holding portable, lenticular screen  
for films, etc., 4'x6'  
26 cork bulletin boards, 4'x6'  
26 cupboards, built-in, 36" highx20"  
deep x 4' long, formica top, 2 doors  
3 adjustable shelves  
26 110V electrical outlets, 2 in ea.  
room  
Carpet  
Soundproofed walls  
Light, "airy" color  
Overhead lights  
Wall clock

Testing Room: (#70)

Electrical Outlets  
Acoustical tile ceilings  
Carpeting  
Clock (not connected to  
signal system)  
Glass partition, 4'x6' on one wall  
opening on rm 69  
Appropriate heat, air/cond, lighting  
Built-in testing booths, 24" deep x  
36" wide in banks of 4 booths;  
partitioned like study carrels

Testing Room: (#29-31)

Soundproofed walls  
Carpet  
light, "airy" color  
2 elec. outlets, 110V  
Green, slate chalkboard w/alum  
moldings, chalk & eraser  
trays, 30"x48"  
Sensitive intercom system, as  
inconspicuous as possible  
One-way window, not more than  
30" from floor, 48" high by  
72" long  
Overhead lights w/switch on wall  
Cupboard, built-in 36" high x 20"  
deep x 48" long, formica top,  
2 doors, 3 adjustable shelves  
Entry door & one separate entry for  
ea. room  
May have outside wall w/windows  
Wall clock

Moveable

26 metal tables, 4'x30", adjustable legs  
(height), formica top  
78 cushioned chairs, (3 for ea. room)  
26 wastebaskets

8 side chairs, (Steelcase #C-142)  
1 pencil sharpener, manual, wall hung  
1 wastebasket, 14" metal  
Costumer, swivel top, (ST #548-290)  
Conference table, 30"x18", Hoskell #1304GG

Table, formica top, adjustable metal legs,  
48"x30"  
2 cushioned chairs  
Maico audiometer  
Keystone telebinocular  
Wastebaskets



Observation room for testing: (#32)

Fixed

3 one-way windows, not more  
than 30" from floor, 48" x  
72" long  
Intercom system, 3 units located  
in 3 areas with power switch  
and volume control  
Sound proof  
Baffles, 1 room divider, built  
out from wall to separate  
one-way windows and extend  
out approx. 48"  
Carpet  
No windows  
Overhead lights w/one wall switch  
by entries (2-way switch)

Movable

5 desk-type arm chairs for ea. cubicle  
2 wastebaskets

Student's Learning Instructional Center #49

Controlled level of lighting  
2 sinks w/water & drain  
Counters w/lockable cabinets above  
& below in workroom  
Tracing table built into counter  
into workroom  
Acoustical tile ceilings  
Carpet (except in workroom)  
Double doors into main room  
Clock, signal system  
CCTV outlets within room  
4 double row shelving sections  
Bulletin board, 4'x8'  
Electrical outlets  
Blinds, drapes, rods if necessary

1 Magazine display rack (School Specialty  
Supply Catalog, 1975-76, p. 52, F)  
1 Literature display rack (SSSC p.52,B)  
2 16mm projectors & stands  
1 overhead projector & stand  
1 Cassette player recorder & listening center  
(table w/dividers on 2 sides)  
1 Reel-to-reel recorder player & listening "  
1 Phonographic record player & "  
1 Opaque projector & viewing center  
1 Dictionary stand w/utility table(unabridged)  
1 four-drawer catalog card file & utility table  
1 Control desk w/chair  
1 Pencil sharpener, mounted near control desk  
20 24"x48" tables  
48 Student chairs (stackable)  
4 stools for the workroom  
50 book ends/dividers for bookshelves  
1 spirit duplicator for the workroom  
1 paper cutter  
4 wastebaskets  
6 movable dividers

Seminar Rooms: (#45,46,47,48)

Electrical outlets  
Acoustical tile ceilings  
Controlled recessed lighting  
36" doors, locks  
Chalkboards, 4'x8', ea. room  
Tackboard, 4'x8'  
Blinds, drapes, rods, if necessary

4 projection screens, 8'x8' adjustable  
Lumaflect glass beaded, \$154.00 ea.  
4 folding tables, 36" x 72" (#711-A) \$103.50 ea  
Movable partition between rooms  
80 Chair Desks, #7250 AR, 17½", \$32.45 ea.  
2 (1 double face in rooms 45-46) listening  
carrels, PAX4830, 48", 30" (\$280.50)ea.  
4 pencil sharpeners, #AP0705, \$6.70 ea.  
4 wastebaskets, #SA-2503-86, \$8.70(6/carton)



Seminar Rooms: (#79,80,81,82)

Fixed

Controlled level of lighting  
Electrical outlets at no more  
than every 8' on ea. wall  
Acoustical tile ceiling  
Clock and signal system  
Closed circuit TV outlet  
Chalkboards, 4'x8' (8 total)  
3 chart clips & hooks/board  
Bulletin/tackboard 4'x8' (4 total)  
Ceiling mounted projector screen

Seminar Room: (#54)

Controlled level of lighting  
Electrical outlets every 8'  
Acoustical tile ceiling  
Clock & signal system  
Closed circuit TV outlet  
2 chalkboards, 4'x8', 3 chart  
clips & hooks on ea.  
Bulletin/tackboard, 4'x8'  
Ceiling mounted projector screen

Classroom-Teaching Lab: (#43)

Controlled level of lighting  
Electrical outlets  
Acoustical tile ceiling  
Carpet, different colors  
differentiating play &  
work areas  
Tiled entry hall  
Doors  
CCTV outlet jack  
Clock  
Kitchen area, counters,  
cabinets, ref., stove,  
dishwasher, garbage disp.  
Walk-in closet for storage  
Closet for coats & boots  
Storage for clay, puzzles, games  
Storage for science equipment  
Storage for art equipment  
Shelving for books  
Counter space w/sink in art area  
2 restrooms with child-size facilities

Moveable

80 trapezoidal tables 24x24x48 (SSSC, H242448,  
p. 133)  
80 stacking chairs (SSSC, 1100 series, p. 138)  
4 wastebaskets, 13", (SSSC, #34-DS, p. 163)

20 trapezoidal tables, 24x24x48, (SSSC, H242448,  
p. 133)  
20 stacking chairs, (SSSC 1100 series, p. 138)  
1 wastepaper basket 13" (SSSC #34-DS, p. 163)

1 desk  
2 files  
1 swivel chair  
3 round tables  
20 child-size chairs  
10 library racks for mag. & books  
30 stacking chairs  
1 water table  
1 sand table  
3 child-size rectangular tables



Classroom-Laboratory: (#44)

Fixed

Controlled level of lighting  
Tackboards (2) 4'x8'  
Chalkboard  
Carpet  
Acoustical ceiling  
8' counter space w/sink at  
one end, storage underneath  
CCTV outlet jack  
Doors wide enough for library  
and other types of carts  
Electrical outlets close to  
each table (for use of  
AV viewer, etc.)  
Clock and signal system  
Towel holder by sink  
Soap dispenser  
Storage closets  
Counter space near outside light  
for small greenhouse area  
Projector screen 70"x70", adjustable  
wall hung. Valiant Techni-Tile #82684

Moveable

3 Wastebaskets, metal 14" Lit-Ning Products  
Co. \$1.50/unit  
50 steel frame vinyl upholstery chairs,  
(ST #1276) \$40 ea.  
30 trapezoidal tables, 30x30x60", adjustable  
legs (SSSCatalog) \$50.80/ea.  
2 four student shop bench (SSSC #SB12A, \$269.60  
each)  
2 standard vises for tables

Classrooms: (#51,52)

Electrical outlets  
Closed tv outlets & monitors  
partition between rooms, movable  
36" doors w/locks  
tiled ceiling  
recessed lighting  
2 chalkboards, 4'x12'  
2 tackboards, 4'x8'  
Drapes w/rods &/or blinds, if windows  
Clock and signal system

4 folding tables, 36"x72" #711-A, \$103.50 ea.  
2 projection screens, 8'x8' adjustable  
lumaflect glass bead \$154.00 ea.  
80 chair desks, #7250 AR, 17½", \$32.45 ea.  
2 pencil sharpeners, #AP0705 \$6.70 ea.  
4 rectangular baskets, #SA-2503-86 \$8.70/carton  
of 6

Reading Improvement Room: (#27)

Floor electrical outlets near  
center of room  
3 pull-down screens on 3 separate  
walls  
Wall storage for 3 controlled  
readers, 1 tachistoscope,  
filmstrips  
Shelf for reading materials(1)

1 4-drawer filing cabinet  
3 projector stands



Lecture Hall: (#86)

Fixed

Electrical outlets  
Closed Circuit TV outlets  
and 2 monitors  
Tiled ceiling  
Controlled recessed lighting  
Sloping floor w/carpet runways  
Chalkboard, 4'x12'  
Clock/wignal system  
Proper sound equipment for  
listening purposes

Moveable

1 projection screen, 9'x12', adjustable,  
Lumaflect glass beaded, \$248.00  
200 Auditorium type seats w/adapted tables  
arm desk  
1 Combination table/lecture, 36"x12'  
2 Pencil sharpeners, #AP0705, \$6.70 ea.

Faculty Lounge: (#24)

Electrical outlets  
Carpet  
Tile ceilings  
Recessed lighting  
Drapes  
Kitchen area: sink, ref., and  
cooking facilities. This area  
should be behind sliding or  
folding doors

2 Divans  
6 Arm chairs  
1 48" round table  
10 Armless chairs  
4 End tables  
4 Lamps  
2 Wastebaskets

Locked Storage & Staff-Science Preparation Room:

Counter space that will withstand  
cutting, hammering, soldering, etc.  
Sink w/hot&cold water  
Electrical strip running along  
shop part of counter  
Overhead cabinet storage for  
small equipment & lock  
Open under counter storage for  
kits, lg. equip. storage, etc.  
No carpet  
Acoustical tile ceiling  
Tackboard

2 equipment carts, metal "rollaway" 18"x24"x42"  
(SSSC #303, \$38 ea.)  
Small hand tools for soldering, hammers, saws,  
pliers, etc.  
Aquariums, terrariums, animal cages  
Kits for several modern elem. science programs

Storage for Classroom #44: #65

Electrical outlets  
Doors, 36" w/locks (2)  
Shelving w/adjustable shelves,  
15" deep w/glass enclosures  
that lock.  
Open storage w/adjustable shelves

1 Wastebasket  
6 Chairs, #1276, \$40 ea.  
2 Trapezoidal tables, 30"x30"x60" w/adjustable  
legs, (SSSC, \$50.80 ea.)  
2 Equipment carts, metal "rollaway" 18"x24"x42"



Staffing room/Working room/Storage: (#33)

Fixed

one wall, adjustable floor-ceiling shelves, 14" deep  
Cupboard on one wall, 36" high, 20" deep, 72" long, formica top, 3 adjustable shelves, 3-4 doors  
Wall-mounted pencil sharpener  
Overhead lights w/wall switch by door  
May be outside wall w/windows  
Electrical wall outlets, 110V, 2 on ea. of 3 walls  
Lockable entry/egress door

Moveable

Paper cutter  
10 lockable 5-drawer metal file cabinets (ST)  
2 standard 6' tables, metal legs, formica top  
12 cushioned chairs  
6 cassette tape recorders  
2 primary type size typewriters--manual  
1 pica size type face typewriter, (manual, opt.)

Storage: (#68)

Electrical outlets  
Built-in cabinet storage w/lock storage of tests, manuals, career ed. hardware/software  
Built-in open shelf storage w/adjustable shelves, not wall bound

10 files, 5 drawer, letter, w/lock  
1 Wastebasket, metal, 14"  
1 Stepladder, 3' portable  
1 pencil sharpener, manual, wall hung

Office & Reception Area & Career Information Center: (#69)

Electrical outlets  
Telephones  
Acoustical tile ceiling  
Carpet  
Clock  
Bulletin Boards (2) 4'x6' w/alum. frame  
Pencil sharpener-wall hung, manual, multiple sizes  
Built-in bookcases on 2 walls, adjustable shelves

2 Desks, double pedestal, typewriter 30x60 (ST #14025-L)  
1 Chair, secretarial, swivel, (ST #C175 or 177)  
1 IBM Selectric typewriter  
2 metal wastebaskets, 14"  
2 Costumers, swivel top, (ST 548-290)  
2 Letter trays w/stacking posts, (ST#030-032)  
10 Side chairs, (ST #1276)  
1 Conference table, 48" round, 29" high, (Steel case, #494800)  
3 Storage cabinets, 80½ x 36x24, 4 adjustable shelves, (ST #702-59105)  
2 two-seat sectionals, (ST #440-020)  
2 Lounge type chairs (ST #2208)  
3 Files, 5 drawer, letter w/o lock  
1 Metal magazine rack, 21½ x 10x36  
2 metal magazine racks, 36x48x15



Office Space & Reception Area for Special Education: (#55-56)

Fixed

Flourescent lighting  
6 electrical outlets  
Acoustical tile ceilings  
Carpet  
Drapes, drapery rods, blinds  
2 36" doors  
Built-in storage closet w/shelving  
50"x50"x15"  
Built-in bookcases 100"x100"x10"w/  
8"-10" shelves  
Bulletin boards, 30"x50"  
Telephone hookups

Moveable

5 Desks, 30x60", laminated plastic top,  
center drawer, one file drawer, 3 reg.  
drawers, metal legs, lock, (ST #3221)  
\$416.50  
1 Typewriter unit attachment, 26"x16"x23  
(ST #41TSLP-32L) \$101.00  
5 Chairs for above desks, swivel, steel-frame  
DANI nylo-weave upholstery, 5 legs on  
wheels, (ST #430-510) \$151.00  
4 Chairs for reception area, steel frame,  
DANI nylo-weave upholstery, 5 legs, no  
wheels, (ST #430-410) \$151.50 ea.  
1 IBM Selectric Typewriter (\$655.00)  
9 Wastebaskets, 14" (\$11.80)  
6 Telephones  
8 Desk trays, 3 shelves  
1 Coatrack  
3 Filing cabinets w/lock, letter size,  
4-drawer, (ST #1705-L) \$196.00 ea.  
1 Conference table, 48" round, 29" high  
(ST #494800)  
2 Tables, folding, amigite top, 36"x72"  
(#36-6AZ) \$33.25 ea.

Reception Area w/Secretary to Dean of Ed.: (#84)

Flourescent lighting  
3 electric outlets  
Acoustical tile ceilings  
Carpet  
Drapes, rods, blinds  
2 36" doors  
Built-in storage closet w/  
shelving, 50"x50"x15"  
Built-in bookcase 100"x100"x10" w/  
8-10 shelves  
Bulletin board, 30"x50"  
Telephone hookup

1 Desk, 30"x60", laminated plastic top, center  
drawer, 1 file drawer, 3 reg. drawers, metal  
legs, lock, ST #3221, \$416.50  
1 Typewriter unit attachment, 26"x16"x23,  
hooks on to desk, (ST #41TSLP-32L) \$101.00  
1 Chair for above desk, swivel, steel frame,  
DANI nylo-weave upholstery, 5 legs on  
wheels, ST #430-510 \$151.00  
4 Chairs for reception area, steel frame,  
DANI nylo-weave upholstery, 5 legs, no  
wheels, ST #430-410, \$151.50 ea.  
1 IBM Selectric typewriter, \$655.00  
1 Wastebasket, 14" rectangle, \$11.80  
1 Telephone  
1 Desk tray, 3 shelves  
1 Coatrack  
3 Filing cabinets w/lock, letter size, 4-  
drawer, ST #1705-L, \$196.00 ea.



Reception Room #36:

Fixed

Carpet  
8 110V electrical outlets, 2 on  
ea. wall  
"Soft" overhead lights, bright  
enough so no other lighting  
is necessary  
Quiet, pleasant surroundings  
"Security tight" reception room  
Wall clock

Secretarial Pool: (#26)

Carpet  
Acoustic tile ceilings  
Flourescent lighting  
Electrical outlets  
3 telephone hook-ups  
Partitioned walls w/glass  
partitioning  
2 Clocks  
2 Tackboards, 2'x3' w/alum. frame  
Shelves for storage area

Moveable

1 Upholstered couch  
2 Cushioned arm chairs  
3 secretarial desks w/modesty panels  
1 portable coat rack  
1 telephone  
1 15-gallon fish tank w/stand, light, top,  
guppies, "outside" tank filler, pump  
2 IBM Selectmatic pica-size typeface  
typewriters, 1 elite-size typeface "ball"  
interchangeable w/pica-size "ball"  
3 two-drawer metal file cabinets, Steelcase  
3 Wastebaskets  
1 Magazine rack, portable

6 Desks, 30"x60" w/return, 37½" x19 3/4",  
ST #330600-OBW/33c37.  
1 Multi-purpose table, 30"x60", ST #396030  
6 Secretarial chairs, ST #T410-510  
5 Reception chairs, ST #421-412  
1 Lateral four-drawer file cabinet, Steelcase  
2 pencil sharpeners  
1 coat rack  
7 wastebaskets, 13" metal  
6 typewriters



ENGLISH

Department Chairman's Office:

Fixed

Bulletin Board  
Carpet  
Phone  
Four electrical outlets

Moveable

Desk (kneehole center, drawers on ea. side)  
Eight file cabinets (4 drawers ea.)  
Desk lamp  
Typewriter stand (on wheels)  
Typewriter (Royal 440 preferred)  
Wastebasket  
Desk Chair  
Four side chairs with arms  
Coat rack  
Window drapes  
Three-tier letter organizer  
Steel storage cabinet (3'x6'x15")  
Pencil sharpener  
Clock

Director of Composition Office:

Fixed

Bulletin Board  
Carpet  
Phone  
Four electrical outlets

Movable

Desk (kneehole center, drawers on ea. side)  
Three file cabinets (4 drawers ea.)  
Five bookcases (steelcase, 3' wide x 4' high)  
Desk lamp  
Typewriter stand (on wheels)  
Typewriter (Royal 440)  
Wastebasket  
Desk chair (swivel with arms)  
Three side chairs, with arms  
Coatrack  
Window drapes  
Clock  
Two-tier letter organizer  
Five bookends  
Steel storage cabinet (3'x6'x15")  
Pencil Sharpener

Faculty Offices: (#1-14)

Fixed

Bulletin Board  
Carpet  
Phone  
Four electrical outlets

Movable

Desk (kneehole center, drawers on ea. side)  
Two file cabinets (4 drawers ea.)  
Three bookcases (steelcase, 3' wide x 4' high)  
Desk lamp  
Typewriter stand (on wheels)  
Typewriter (Royal 440)  
Wastebasket  
Desk chair, swivel w/arms  
One side chair, with arms  
Coatrack  
Window drapes



Faculty Offices (cont.)

Fixed

Moveable

Clock  
Two-tier letter organizer  
Five bookends  
Pencil sharpeners

Conference Room:

Fixed

Movable

Screen (5' x 5')  
Blackboard  
Phone  
Four electrical outlets

Large oval conference table (10' x 4')  
Ten arm chairs for table  
Portable chalk board (4' x 3')  
Overhead projector  
Coffee service cart  
Clock  
Two wastebaskets

Graduate Assistants' Office:

Fixed

Movable

Bulletin Board  
Pencil sharpeners  
Phone  
Four electrical outlets  
Carpet

Three desks  
Three chairs (for desks)  
Three side chairs  
Three file cabinets  
Three bookcases  
Three bookcases  
Three wastebaskets  
Clock  
Three desk lamps  
Coatrack  
Window drapes  
Three double-tier letter organizers  
Six bookends  
Typewriter stand (on wheels)  
Typewriter (Royal 440)

Tutorial Room

Two chalkboards  
Six electrical outlets  
One closed circuit TV outlet  
Carpet  
Bulletin Board  
Drapes on windows  
Pencil sharpener

Eight tables (4' x 6')  
Ten bookcases (3' x 4')  
One steel storage cabinet (3'x6'x12')  
One portable chalkboard  
Two coat racks  
Four wastebaskets  
32 chairs (no arms)  
Two storage cabinets (3'x6'x1½')



Media Room:

Fixed

~~Carpet  
Eight electrical outlets  
Closed circuit TV outlet~~

Moveable

~~Overhead projector  
Opaque projector  
Five slide projectors  
Three filmstrip projectors (Dukane w/built-in cassette player)  
Two record cabinets  
One 16mm projector  
Five audio-visual carts  
Five cassette player/recorders  
Two record players  
One reel-to-reel tape recorder  
Four audio-visual storage racks (4'x6'x1')  
Five extension cords (20')  
Five portable screens  
Ten cassette storage cases  
Ten filmstrip storage cases  
Dark curtains~~

Secretarial Office and Workroom:

Two bulletin boards  
Three phones  
Carpet  
Four electrical outlets  
Faculty mail cubicle (wall mounted, 4'x6')

One desk (kneehole center, drawers on ea. side)  
Two desks (kneehole center, drawers on 1 side)  
Three desk lamps  
Three IBM Selectric II typewriters  
Three desk chairs  
Three 3-tier letter organizers  
Four file cabinets  
Coatrack  
Steel storage cabinet (3'x6'x15")  
Storage cabinet (desk height)  
Three wastebaskets  
Pencil sharpener  
Clock  
Work table for collating (4'x6')  
Collating organizer  
Ditto machine & stand (w/paper storage space)  
Four side chairs with arms

Classrooms:

Fixed

One screen (5'x5')  
One bulletin board  
Chalkboards across front  
Closed circuit TV outlet  
Four electrical outlets

Movable

One instructor's desk  
One lecturn  
One instructor's chair with arms  
One wastebasket  
One pencil sharpener  
Drapes at windows  
Student desk chairs  
One overhead projector  
One media equipment stand on wheels



Storage Room:

Fixed

Moveable

Built-in shelves, 2 walls

In Seminar Rooms, table with chairs. (Table large enough for 10 students)



## PHOTOGRAPHIC AREA

### Fixed

### Moveable

#### Reception Area, Secretary, and Negative Filing Area (20'x30';600 sq.ft.) #1

4' high countertop full length of room  
8,5-drawer Steelcase file cabinets  
Carpet

Standard desk for secretary  
Typewriter for secretary

Countertop area 10' long w/flush-mounted light table 2'x4' adjustable storage shelves below, enclosed.

Walls to be planned for print exhibition, prints to be easily changed

Intercom console to be housed in this area-remote station to be located in each room in center.

#### Office, Conference Room, and Grading Room: #3

Built-in bookcases  
Built-in projection cabinet w/built-in rear projection screen approx. 40"x40" in size cabinet to house slide projector and super 8 sound projector. Also speaker system  
Countertop built-in for grading student work-approx. 15' long, storage below (built-in cabinet)

Standard desk and office chair  
3 chairs for students for conferences

#### Walk-in Camera Vault-8'x10': #12

Shelves built-in for storage of cameras and projectors  
Suggest steel door

#### Student Print Darkrooms (6): #16

96"x33" combination sink ea. rm.  
Overhead chemical storage above sink ea.rm.  
Indirect safelight illumination in ea. room.  
36" adj. easel base w/enlarger mounted, ea. rm.  
Countertop w/base storage built-in on either side of adjustable base.  
Entrance from hallway illuminated by safelight through a light trap

#### Student Film Processing Rooms (3): #15

96"x33" combination sink along one wall  
Overhead chemical storage above sink (Kreonite overhead utility shelf w/ safelite)  
Built-in countertop along other wall w/storage below  
Entrance through lightrap  
Temperature control mixing valve in ea. room



Black and White Processing Room:

Fixed

Moveable

96"x33" combination sink along 1 wall  
Overhead chemical storage above sink  
(Kreonite overhead utility shelf  
w/safelite)  
Built-in countertop along other  
wall w/storage below  
Equipped w/light trap  
Temperature control mixing valve in  
each sink  
Lighttight passthrough into finishing  
room

Print Room:

Base cabinets connecting adj. easels  
and on end wall  
Freestanding walk around sink in  
center of room approx. 3'x8' w/  
print passthrough at one end  
into finishing rm.  
Lighting by Thomas Duplex Safelite  
Compressed air piped to ea. enlarger  
station

2 42" adj. easel bases along ea. wall (4)

Finishing Room:

Print spray booth, 4'x4', individual  
high velocity exhaust  
Tile Floor  
Compressed air piped to spray booth  
Walk around table 5'x15'; electrical  
outlets in center of table  
Built-in cabinets for storage and counter-  
tops for sorting and finishing prints

Film print dryer (Kreonite 2024D)  
Print Washer, Temperature control  
Dry mount press (MacDonald)

Chemical Mixing Room:

96"x33" combination sink along 1 wall  
Overhead chemical storage above sink  
(Kreonite overhead utility shelf  
with safelite)  
Built-in countertop along other wall  
w/storage below  
Equipped with light trap  
Temperature control mixing valve  
in ea. sink

Kreonite Porta-Mix, 10 gallon capacity



Slide Show Production Room:

Fixed

Built-in light tables along ea.  
side wall, 15' long, flush-  
mounted light table entire length,  
storage beneath  
End wall painted special projection  
surface paint

Moveable

Free standing walk around table near  
opposite end wall w/electrical  
outlets (10) for setting up  
slide shows

Film and Chemical Storage Room:

Built-in storage cabinets for film  
Built-in storage shelves for  
chemical storage.



FOREIGN LANGUAGE

Department Chairman's Office: #7

Fixed

Built-in cabinet  
Bulletin board  
Carpet

Moveable

Curtains and shades to match (light)  
Desk and desk chair  
2 Typewriters and stands  
2 filing cases  
3 bookcases  
5 conference chairs  
coat stand

Staff Offices (5): #8

Carpets  
Built-in closets  
Bulletin boards

Curtains and shades to match (light)  
Desks and desk chairs  
Typewriters and stands  
Filing cases  
2 bookcases each  
2 arm chairs for each  
Coat stands

Audio-Visual Room: #2

Closed Circuit Colored TV  
Closet, built-in  
Blackboard  
Bulletin Board

Curtains, black-out shades  
Screen for film and slide viewing  
Overhead projector  
Record player component  
Video-tape machine  
Playback  
Reel-to-reel  
Radio set  
Lecturn

Library Room: #3

Bulletin Board

Curtains, shades matching  
Four bookcases  
Couch  
Large round table  
6 Chairs

Language Laboratory #1

Student booths (30)  
Closet, built-in  
Blackboard  
Bulletin board

Curtains, black-out shades  
Screen for film and slide viewing  
2-16mm film projectors with stands  
2 film strip projectors  
Slide projector  
Overhead projector  
Lecturn



Equipment Room: #5

Fixed

Built-in closet for stationary

Moveable

Xerox machine  
Duplicating machine (Thermofax)  
Mimeographing machine (dittos)  
Desk for duplicating machines

Secretarial and Receptional Area:

Bulletin Board

Desk  
Electric typewriter, stand  
2 filing cases  
1 steel case  
4 chairs  
Coat stand  
Coffee room-electric stove, 6 chairs

Large Classrooms - 3 (30-40 students):

Map hanging strips  
Blackboard  
Bulletin Board

Curtains, black-out shades  
Screen for film and slide viewing  
Overhead projector  
Teacher's desk  
Lecterns-1 in each

Smaller Classrooms - 3 (15-20 students):

Map hanging strips  
Blackboard

Curtains, black-out shades  
Teacher's desk  
Lecterns

Storage Room: #6

Large security cabinet  
Cabinet for maps, films, tapes, cassettes,  
etc.



## PHILOSOPHY

### Faculty Offices and Reception Area:

#### Fixed

3 Chalkboards  
3 Window shades  
3 clocks  
Carpet  
3 Phone  
3 Pencil sharpeners

#### Moveable

3 wastebaskets  
1 IBM Selectric Typewriter  
1 Royal 440 Standard Typewriter  
1 coat & hat stand  
2,4-drawer file cabinets  
1,5-drawer file cabinet  
2 faculty desks (single pedestal)  
2 Chairs for desks  
3 Secretary/student desks, typing  
3 secretary chairs  
1 steel shelved utility cart  
7 chairs for reception & students  
5 bookcases (84"x36"x10")  
1 steel storage cabinet (6'x3'x18")  
1 slide viewer  
1 slide projector  
1 electric syllogism tester  
1 print-out calculator  
1 small wooden typing desk  
1 chair for small wooden typing desk

### Classrooms:

#### Fixed

Map and Chart Hangers  
Clock  
Chalkboards

Instructors Desk  
Chair  
Rostrum  
Student Desks  
Wastebasket



## MATHEMATICS

### Fixed

#### Office Area

Built-in bookcases  
File cabinets  
Windows, electrical outlets on ea. wall

(1)

1,8' bulletin board  
1,6' bulletin board  
1 drinking fountain  
1 pencil sharpener  
1 clock

(2)

1 wet-sink, built-in

(3)

built-in storage cabinets, 3 walls

(4)

4' bulletin board  
4' chalkboard  
1 clock  
1 pencil sharpener

(5-6)

4' bulletin board  
4' chalkboard  
1 clock  
4" board, 3 sides of office, 1'  
below ceiling  
1 coat rack (on wall)

(7)

4' bulletin board  
4' chalkboard  
1 clock  
4" board, 3 sides, 1' below ceiling  
1 coat rack (on wall)

(8)

bookshelves along back wall  
3 study carrels  
1 8' chalkboard  
1 4' bulletin board  
1 clock

~~(9)~~ - See Institutional Request

29' of 30" table along 3 walls  
2,4' chalkboards  
1 6' bulletin board above table  
2 computer terminals  
soundproofing on all 4 walls of  
computer terminal room  
clock

### Moveable

1 secretary desk  
1 secretary desk, L-shaped  
2 secretary chairs  
6 chairs for visitor seating  
1 low table, reception area type  
1 office-type table, 8'x2 1/2' top  
5,4-drawer lateral file cabinets

1,8'x2 1/2' table  
1 ditto machine  
1 typing table

1 conference desk, 6" overhang, 6 drawers  
1 swivel office chair  
4 padded, visitor arm chairs  
1 coat rack  
1 table, 5'x2 1/2'

1 pencil sharpener  
2 padded visitor chairs  
1 swivel office chair  
1,6-drawer office desk

2 office desks, 6 drawers  
2 office swivel chairs  
2 padded visitor chairs  
1 pencil sharpener

1 pencil sharpener  
14 padded straight chairs  
2 6'x2' tables

1 6'x2' table on 4th wall  
1 4'x2' table  
1 pencil sharpener  
1 portable, desk-top computer  
13 padded straight chairs  
1 key punch machine



Fixed

Moveable

(10)  
1,13'x13' table  
CCTV  
chalkboard, four sides

14 padded straight chairs  
1 pencil sharpener

13 telephones  
Entrance door & computer terminal room  
keyed same  
Carpet on all floors  
All other doors keyed same  
Clock

Classrooms: (FOR ALL CLASSROOMS)

Windows on 1 wall  
electrical outlets  
1,4' bulletin board in ea. classroom  
1 pull-down movie screen in center front (ea. classroom)  
pencil sharpener in ea. room  
1 overhead projector for ea. room

1 small teachers desk in ea. classroom  
1 straight back chair for desk (" " )

(For ea. of the 2, 50-student classrooms):

Chalkboards on all 3 walls, full-length  
of ea. wall, 1,4' panel of this is to  
be a rectangular coordinate grid  
chalkboard at one side of front board.  
1 projection screen installed in front  
corner of room, 20° angle w/vertical  
and 45° angle w/2 walls

50 student desks in ea. classroom

(For the third 50-student classroom)

Chalkboards on all 3 walls, full-length  
of ea. wall. One 4' coordinate grid  
chalkboard panel at 1 side of front bd.  
1 projection screen in front corner of  
room, 20° vertical angle, 45° angle  
w/2 walls.

25 2'x4' tables for two students ea.  
50 straight chairs

(For two classrooms, 30 student)

Chalkboard on 3 walls, 1,4' coordinate  
grid chalkboard panel at 1 side of  
front board  
1 projection screen (installed as  
described previously)

a) 6 tables, ea. 15' long, 3' width, seat  
5 students ea.  
30 straight back chairs  
b) 30 student chairs

(For one classroom, 150 student)

Tiered room  
Chalkboard across front of room

150 student stations



Fixed

Moveable

Mathematics Lab

(In addition to the equipment listed for all classrooms)

Chalkboards on 3 sides, one 4' coordinate  
grid rectangular panel  
One projection screen (as described  
previously)  
Storage cabinets & bookshelves on 4th wall  
1 16mm movie projector

10-12 tables, 4 1/2 x 2 to seat 2  
students ea.  
20-24 straight back chairs  
2 printing calculators  
6 hand-held scientific calculators  
6 hand-held statistical calculators  
2 programmable calculators

Portable desk-top computer specifications:

115 volts AC  
At least 32K bytes of storage  
Light-weight enough for portability  
\$16,000 cost estimate  
Operable both in a standalone mode and as terminal for IBM 370 system through  
an acoustic coupler  
Has either a tape cartridge or disk system for storage  
Has calculator capability  
Has built-in CRT display w/capability of TV monitor display  
Provides hard-copy output.  
Has multiple language programming capability (BASIC FORTRAN, APL)



## ECONOMICS

### Department Chairman's Office: (#1)

#### Fixed

Blackboards  
Tackboards  
Pencil sharpeners  
Wall mounted coat racks  
Built-in bookshelves on 2 walls  
Phones  
Drapes and rods  
Carpeting  
Windows  
Windows

#### Moveable

1 desk with a return (typewriter)  
1 Swivel chair  
1 credenza  
5 chairs  
2 file cabinets (locking)  
1 smoking stand ashtray  
1 wastebasket  
1 clock  
1 flourescent desk lamp  
2 small area tables

### Faculty Office: (4 offices) (#2)

Blackboards  
Tackboards  
Pencil sharpeners  
Wall-mounted coat racks  
Built-in bookshelves on 2 walls

4 desks with a return (typewriter)  
4 swivel chairs  
12 chairs  
4 coat racks  
8 file cabinets  
4 typewriters  
4 tables 30"x60"  
4 wastebaskets  
4 clocks  
4 flourescent desk lamps

### Library Research Room: (#3)

1 wall-mounted coat rack  
Built-in bookshelves on 3 walls  
1 pencil sharpener  
Outlets for 6 electronic calculators

1 long research table  
6 chairs  
6 electronic calculators  
1 lock storage cabinet  
1 wastebasket  
1 clock

### Conference Room: (#13)

Blackboard  
Tackboard  
1 wall-mounted coat rack

1 table for 10 persons  
10 chairs  
1 clock  
1 wastebasket



POLITICAL SCIENCE

Department Chairman's Office: #5

Fixed

Blackboards  
Tackboards  
Pencil sharpeners  
Wall mounted coat racks  
Built-in bookshelves on 2 walls  
Phones  
Drapes and rods  
Carpeting  
Windows

Moveable

1 desk with a return (typewriter)  
1 Swivel chair  
1 credenza  
5 chairs  
2 file cabinets (locking)  
1 smoking stand ashtray  
1 wastebasket  
1 clock  
1 flourescent desk lamp  
2 small area tables

Faculty and Graduate Assistant Offices: (5 offices) #6

Fixed

Blackboards  
Tackboards  
pencil sharpener  
wall-mounted coat racks  
Built-in bookshelves on 2 walls

Moveable

5 desk with a return (typewriter)  
5 swivel chair  
15 chairs  
5 coat rack  
10 file cabinets  
5 typewriter  
5 table 30"x60"  
5 wastebaskets  
5 clocks  
5 flourescent desk lamps

Library: #7

Fixed

Built-in bookcases on two walls  
Tackboard  
5 Carrels with wiring for cassettes  
1 wall-mounted coat rack

Moveable

5 cassette players  
1 library table  
6 chairs  
1 clock  
1 wastebasket  
2 legal size file cabinets with locks



## SOCIOLOGY

### Department Chairman's Office: #8

#### Fixed

Blackboards  
Tackboards  
Pencil Sharpeners  
Wall mounted coat racks  
Built-in bookshelves on 2 walls  
Phones  
Drapes and rods  
Carpeting  
Windows

#### Moveable

1 desk with a return (typewriter)  
1 Swivel chair  
1 credenza  
5 chairs  
2 file cabinets (locking)  
1 smoking stand ashtray  
1 wastebasket  
1 clock  
1 flourescent desk lamp  
2 small area tables

### Faculty Offices: (7) #9

#### Fixed

Blackboards  
Tackboards  
pencil sharpeners  
wall mounted coat racks  
built-in bookshelves on 2 walls

#### Moveable

5 desk with a return (typewriter)  
5 swivel chairs  
15 chairs  
5 coat racks  
10 file cabinets  
5 typewriters  
5 table 30"x60"  
5 wastebaskets  
5 clocks  
5 flourescent desk lamps

### Faculty Research Office: #10

#### Fixed

Blackboards  
Built-in bookshelves  
Tackboards  
Electrical hook-ups for computer terminal

#### Moveable

1 Guttman scale board  
2 long tables  
3 file cabinets  
6 chairs  
1 computer terminal  
1 lock storage cabinet  
1 stand for programmable calculator  
1 programmable calculator  
1 wastebasket  
1 clock  
1 key punch  
1 counter sorter



Statistics Laboratory: #11

Fixed

Electrical wiring for 20 electronic  
calculators; screen  
Tackboards  
Blackboards  
Lecturn with overhead projector

Moveable

10 tables (20"x60")  
20 electron calculators  
20 chairs  
1 wastebasket  
1 clock  
1 overhead projector in lecturn

Observation Laboratory Complex: #12

Fixed

Needs internal and external entrances  
3 one-way mirrors (built-in)  
Soundproof walls  
Audio equipment (ea. room wired for  
sound)  
Blackboards  
Tackboards  
1,50-station classroom  
2 seminar rooms  
1 control room

Moveable

2 tape recorders  
6 trapezoidal tables  
12 chairs in ea. seminar room  
2 video tape machines  
4 microphones  
3 receivers  
3 wastebaskets  
3 drapes for one-way mirrors

Conference Room: #17

Fixed

Blackboards  
Tackboards

Moveable

1 table for 10 people  
10 chairs  
1 clock  
1 wastebasket  
1 credenza



XIV. APPENDIX



Dept. Abbr.	Course Number	Credit Hours	Course Contact Hrs/Wk			Student Registration	Total Student Credit Hours	Average No/Sec		Total Contact Hrs/Wk		
			Class room	Lab	Total			Class room	Lab	Class Room	Lab	Total
ART	180	3	3		3	201	603	40.2		603		603
	200	3		6	6	33	99		16.5		198	198
	210	3		6	6	44	132		22		264	264
	220	3		6	6	34	102		11.3		204	204
	230	3		6	6	21	63		10.5		126	126
	240	3		3	3	45	135		22.5		135	135
	242	3		3	3	13	39		13		39	39
	244	3		6	6	18	54		12		108	108
	246	3		5	5	20	60		20		100	100
	250	3		6	6	5	15		5		30	30
	260	3		6	6	35	105		11.7		204	204
	386	3	3		3	37	111	37		111		111
	405	3	3		3	2	6	2		6		6
	505	3	3		3	4	12	4		12		12
	545	3	3		3	1	3	1		3		3
	680	1	1		1	7	7	7		7		7
	680	3	3		3	4	12	4		12		12
	420	3		6	6	2	6		2		12	12
	525	1	1		1	2	2	2		2		2
	525	3	3		3	7	21	3.5		21		21
	565	1	1		1	6	6	6		6		6
	565	3	3		3	9	27	9		27		27
	460	3		6	6	5	15		5		30	30
	325	1		6	6	1	1		1		6	6
	325	3		6	6	5	15		5		30	30
	345	3		6	6	4	12		4		24	24
	335	1		6	6	2	2		2		12	12
	335	3		6	6	2	6		2		12	12
	335	3		6	6	3	9		3		12	12
	345	3		4	4	10	30		10		30	30
	535	1	1		1	2	2	1		2		2



Dept.  
Abbr.

Course  
Number

Credit  
Hours

Class  
Room

Lab

Total

Student  
Registration

Total  
Student  
Credit  
Hours

Class  
Room

Lab

Average No/Sec

Class  
Room

Lab

Total Contact Hrs/Wk

ART  
(cont.)

535	3	3	3	3	3	9	3	3	3	3	9	6	9
430	3	3	3	3	3	3	1	3	3	3	6	12	6
345	1	3	3	3	3	3	1	3	3	3	12	1	12
355	3	3	3	3	3	3	1	3	3	3	1	30	1
300	3	3	3	3	3	3	3	3	3	3	30	114	30
400	3	3	3	3	3	3	3	3	3	3	114	24	114
555	1	3	3	3	3	3	3	3	3	3	24	1	24
555	3	3	3	3	3	3	3	3	3	3	1	9	1
315	1	3	3	3	3	3	3	3	3	3	9	1	9
315	3	3	3	3	3	3	3	3	3	3	1	30	1
410	3	3	3	3	3	3	3	3	3	3	30	60	30
470	1	3	3	3	3	3	3	3	3	3	60	5	60
515	3	3	3	3	3	3	3	3	3	3	5	18	5
580	3	3	3	3	3	3	3	3	3	3	18	78	18
580	3	3	3	3	3	3	3	3	3	3	78	3	78
345	3	3	3	3	3	3	3	3	3	3	3	12	3
380	3	3	3	3	3	3	3	3	3	3	12	30	12
381	3	3	3	3	3	3	3	3	3	3	30	81	30
440	3	3	3	3	3	3	3	3	3	3	81	12	81
500	3	3	3	3	3	3	3	3	3	3	12	24	12
783	3	3	3	3	3	3	3	3	3	3	24	24	24
800	3	3	3	3	3	3	3	3	3	3	6	6	6
845	3	3	3	3	3	3	3	3	3	3	6	6	6
765	1	3	3	3	3	3	3	3	3	3	2	2	2
765	3	3	3	3	3	3	3	3	3	3	21	21	21
765	5	3	3	3	3	3	3	3	3	3	5	5	5
880	1	3	3	3	3	3	3	3	3	3	27	27	27
865	3	3	3	3	3	3	3	3	3	3	6	6	6
899	2	6	6	6	6	6	2	2	2	2	8	8	8
899	6	1	3	3	3	3	1	1	1	1	6	6	6
725	1	3	3	3	3	3	3	3	3	3	2	2	2
725	3	3	3	3	3	3	3	3	3	3	15	15	15
825	1	3	3	3	3	3	3	3	3	3	4	4	4
825	3	3	3	3	3	3	3	3	3	3	12	12	12
825	5	1	3	3	3	3	3	3	3	3	10	10	10
735	1	3	3	3	3	3	3	3	3	3	4	4	4















Dept.  
Abbr.

Course  
Number

Credit  
Hours

Class  
Room

Lab

Total

Student  
Registration

Total  
Student  
Credit  
Hours

Class  
Room

Lab

Average No/Sec

Class  
Room

Lab

Total Contact Hrs/Wk

Total

EDUC  
cont)

975	1	1	1	8	1	8	8	21	7	1	21	6	21	6	21
975	3	5	10	30	5	30	50	21	7		21		21	6	21
975	3	3	14	42	4.6	42	42								
975	2	2	53	106	26.5	106	106								
979	3	3	5	15	1.3	15	15								
979	2	1	3	6	1.5	6	3								
979	3	1	1	3	1	3	1								
979	2	1	4	8	1.3	8	8								
958	3	2	16	48	16	48	48								
972	2	2	3	6	3	6	6								
972	3	2	8	24	8	24	24								
973	1	1	1	1	1	1	1								
973	3	3	4	12	4	12	12								
973	4	4	1	4	1	4	4								
999	6	6	1	6	1	6	6			1	6		6		6
938	3	3	7	21	7	21	21				21		21		21

ENG

101	3	3	571	1713	27.2	1713	1713				1713		1713		1713
246	3	3	137	411	22.8	411	411				411		411		411
126	3	3	124	372	31	372	372				372		372		372
201	3	3	131	393	21.8	393	393				393		393		393
226	3	3	82	246	20.5	246	246				246		246		246
121	2	2	58	116	19.3	116	116				116		116		116
140	3	3	12	36	12	36	36				36		36		36
141	1	1	24	24		24	24			24	24		24		24
128	3	3	42	126	21	126	126				126		126		126
130	1	1	14	14		14	14			14	14		14		14
129	3	3	22	66	22	66	66				66		66		66
132	3	3	3	9	3	9	9				9		9		9
100	2	2	7	14	7	14	14				14		14		14
131	3	3	17	51	17	51	51				51		51		51
374	3	3	6	18	6	18	18				18		18		18
376	3	3	1	3	1	3	3				3		3		3
381	3	3	1	3	1	3	3				3		3		3
476	3	3	1	3	1	3	3				3		3		3
447	3	3	8	24	8	24	24				24		24		24



Dept. Abbr.	Course Number	Credit Hours	Class		Total	Student Registration		Credit Hours	Class		Total
			Room	Lab		Room	Lab		Room	Lab	
ENG cont)	501	1	5		5	4	4	4	2		20
	501	1	2		2	21	21	10.5			42
	326	3	3		3	9	27	9			27
	554	3	3		3	26	78	26			78
	592	3	3		3	7	21	7			21
	360	3	3		3	7	21	7			21
	446	3	3		3	24	72	24			72
	595	3	3		3	6	18	6			18
	382	3	3		3	27	81	27			81
	594	3	3	3	3	63	189	31.5			189
	351	3	3	3	3	23	69	23			69
	553	3	3	3	3	19	57	95			57
	555	3	3	3	3	13	34	13			39
	315	3	3	3	3	15	45	15			45
	564	3	3	3	3	27	81	13.5			81
	346	3	3	3	3	8	24	8			24
	426	3	3	3	3	22	66	22			66
	583	3	3	3	3	32	96	32			96
	445	3	3	3	3	1	3	1			3
	598	3	3	3	3	9	27	9			27
	350	3	3	3	3	7	21	7			21
	375	3	3	3	3	12	36	12			36
	395	3	3	3	3	1	3	1			3
	477	3	3	3	3	2	6	2			6
	874	3	3	3		10	30	10			30
	876	3	3	3		3	9	3			9
	899	6	6	6	6	1	6		1	6	6
	770	3	3	3		10	30	3.3			30
	775	3	3	3		15	45	3.8			45
FOR. LANG.	219	3	3		16	48	16			48	
	220	3	3		6	18	6			18	
	210	3	3		1	3	1			3	
	211	2	2		3	6	3			6	
	227	3	3		6	18	6			18	
	229	3	3		4	12	4			12	
	231	3	3		7	21	7			21	

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Dept. Abbr.	Course Number	Credit Hours	Course Contact Hrs/Wk			Student Registration	Total Student Credit Hours	Average No/Sec			Total Contact Hrs/Wk		
			Class Room	Lab	Total			Class Room	Lab	Total	Class Room	Lab	Total

FOR.  
LANG.  
(cont.)

201	3	3	3		3	21	63	21			63		63
202	3	3	3		3	3	9	3			9		9
203	3	3	3		3	4	12	4			12		12
204	2	2	2		2	2	4	2			4		4
205	3	3	3		3	2	6	2			6		6
208	3	3	3		3	42	126	21			126		126
209	3	3	3		3	9	27	9			27		27
212	3	3	3		3	3	9	3			9		9
214	3	3	3		3	10	30	10			30		30
225	3	3	3		3	32	96	16			96		96
226	3	3	3		3	13	39	13			39		39
228	2	2	2		2	3	6	3			6		6
240	3	3	3		3	5	15	5			15		15
484	3	3	3		3	3	9	3			9		9
480	3	3	3		3	3	9	3			9		9
323	3	3	3		3	3	9	3			9		9
472	3	3	3		3	5	15	5			15		15
476	2	2	2		2	1	2	1			2		2
481	2	2	2		2	1	2	1			2		2
481	1	1	1		1	1	1	1			1		1
774	1	1	1		1	1	1	1			1		1
786	3	3	3		3	8	24	8			24		24

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MATH

110	3	3	3		3	332	996	41.5			996		996
276	2	2	2		2	4	8	4			4		4
101	3	3	3		3	139	417	27.8			417		417
101	3	3	3		3	104	312	104			208		208
122	3	3	3		3	47	141	23.5			141		141
130	5	5	5		5	38	190	19			190		190
131	3	3	3		3	44	132	44			132		132
235	5	5	5		5	14	70	14			70		70
180	3	3	3		3	33	99	16.5			99		99
236	3	3	3		3	21	63	21			63		63
234	5	5	5		5	36	180	18			180		180
240	3	3	3		3	18	54	18			54		54
250	3	3	3		3	15	45	15			45		45



Dept.  
Abbr.Course  
NumberCredit  
HoursClass  
Room

Lab

Total

Student  
RegistrationTotal  
Student  
Credit  
HoursClass  
Room

Lab

Average No/Sec

Class  
Room

Lab

Total Contact Hrs/Wk

Total

MATH

381

3

3

3

6

18

6

18

18

576

1

1

1

1

1

1

1

1

571

3

3

3

7

21

7

21

21

580

3

3

3

12

36

12

36

36

370

2

2

2

4

8

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8

363

3

2

2

20

60

20

40

40

510

3

3

3

21

63

21

63

63

665

3

3

3

5

15

5

15

15

563

3

3

3

26

78

26

78

78

772

3

3

3

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6

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6

6

773

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2

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773

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875

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25

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PHIL

100

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23

69

23

69

69

111

3

3

3

5

15

5

15

15

151

3

3

3

9

27

9

27

27

100

3

3

3

33

99

33

99

99

149

3

3

3

15

45

15

45

45

502

1

3

3

5

5

5

15

15

551

3

3

3

7

21

7

21

21

672

1

1

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1

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672

3

3

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3

3

POLS

108

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1

3

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3

3

230

3

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3

29

87

29

87

87

240

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3

22

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22

66

66

101

3

3

3

94

282

47

282

282

103

3

3

3

37

111

37

111

111

400

3

3

3

17

51

17

51

51

501

3

3

3

9

27

9

27

27

512

3

3

3

1

3

1

3

3

509

1

1

1

11

11

11

11

11







Dept. Abbr.	Course Number	Credit Hours	Course Contact Hrs/Wk			Student Registration	Total Student Credit Hours	Average No/Sec			Total Contact Hrs/Wk					
			Class		Lab			Total	Class		Lab	Total	Class		Lab	Total
			Room	Room					Room	Room						
SOC	581	3	3		3	32	96	32			96		96			
(cont)	348	3	3		3	34	102	34			102		102			
	488	3	3		3	76	228	76			228		228			
TOTAL Lower Division						5003	14,096				13,702	1,534	15,236			
Upper Division						2423	7,679				8,303	472	8,775			
Graduate						1145	3,004				3,085	33	3,118			
GRAND TOTAL						8571	24,779				25,090	2,039	27,129			