



The  
University of Texas  
at  
Arlington

Office of the President  
P.O. Box 19125  
Arlington, Texas 76019

June 30, 1982

Dr. Bryce Jordan  
Executive Vice Chancellor  
for Academic Affairs  
The University of Texas System  
601 Colorado Street  
Austin, Texas 78701

Dear Dr. Jordan:

Attached is a request for a proposed Agenda Item for the renovation and addition to the Physical Education Building.

Information relative to the Physical Education Building is submitted concerning the needs for renovation and addition. We believe this to be self-explanatory; however, should you wish to have additional information, we would be pleased to submit it at your request.

We would appreciate your consideration for inclusion of the attached Agenda Item at the Board of Regents Meeting on August 12-13, 1982.

Sincerely,

A handwritten signature in cursive script that reads 'W. H. Nedderman'.

W. H. Nedderman  
President

WHN:jdw:js

Attachment

6. Expected demolition:

Description

Amount

None

\* If source of funds in items 4A(3) or 4B(1) is an advance to be reimbursed from another source at a later date, indicate source \_\_\_\_\_

Note: Any additional information should be given on reverse side or by supplemental attachment.

APPROVED:



Institutional Head

Date June 30, 1982

Executive Director, Facilities  
Planning and Construction

Date \_\_\_\_\_

Deputy Chancellor for Administration

Date \_\_\_\_\_

Submitted by



Chief Business Officer

Date June 30, 1982

APPROVED FOR SUBMISSION TO THE  
BOARD OF REGENTS

Chancellor

Date \_\_\_\_\_

U. T. ARLINGTON: RENOVATION AND ADDITION TO THE PHYSICAL EDUCATION BUILDING - REQUEST FOR PROJECT AUTHORIZATION FOR THE RENOVATION AND ADDITION TO THE PHYSICAL EDUCATION BUILDING: APPOINTMENT OF PROJECT ARCHITECT TO PREPARE PRELIMINARY PLANS; AND APPROPRIATION THEREFOR.

#### RECOMMENDATIONS

President Nedderman and Chancellor Walker recommend that the Board:

- a. Authorize the renovation and addition to the Physical Education Building at an estimated total project cost of \$3,500,000.
- b. Appoint a project architect from a list to be submitted at the meeting to prepare preliminary plans and cost estimate to be presented for consideration at a future Board of Regents Meeting.
- c. Appropriate \$50,000 from ad valorem tax proceeds for fees and related project expenses through completion of preliminary plans.

#### BACKGROUND INFORMATION

The Physical Education Building has served its original purpose well for the past eighteen years; however, because of its present condition and lack of air-conditioning, many classes are using other facilities.

The classroom and office spaces are too few and too small. Additional classrooms are needed to handle the past, present and future growth. The building is beyond the point now where routine building maintenance will suffice.

Its basic structure is cracked in places, water damage is evident in numerous places, and wear and tear are seen throughout. Air-conditioning is needed to increase usage and efficiency, while at the same time reducing overall maintenance costs of the building.

A Proposal for Renovation and Development of the  
Physical Education Building

The Department of Physical Education's principal purposes are to conduct instructional programs, research activities, and service functions for the University and the community. Intrinsic to these functions is the development and application of knowledge for enhancing the human condition through physical education and health education.

To fulfill this purpose, the Department will conduct the following programs:

1. The Department will offer courses for the general student population to meet the University requirement in physical education.
2. The Department will offer courses for the general student population to allow students opportunities to develop their competencies in elective pursuits.
3. The Department will offer a program directed toward the understanding of concepts, principles, and applications necessary to provide effective health instruction.
4. The Department will offer a program directed toward the development of performance skills, knowledges, principles, appreciations, and applications in the practice and study of physical education.
5. The Department will provide course offerings and field experiences to assist students developing expertise in specialized functions related to the physical activity program.
6. The Department will provide opportunities for faculty and students to pursue research, scholarly, and creative activities that contribute to the body of knowledge in the respective fields.
7. The Department will participate in activities and programs designed to enhance the functioning of the University.
8. The Department will provide programs for students, faculty, and staff to enhance the recreational and fitness life-style of the campus.
9. The Department will develop programs which extend the expertise of its faculty to the community.
10. The Department will foster an environment conducive for motivating leadership in professional organizations.

To achieve these goals, the following general recommendations are submitted for the renovation and development of the Physical Education Building. These recommendations are based upon some preliminary discussions and investigations relative to resource allocations that may be available.

1. Air conditioning of the entire building.
2. Renovation and development of existing areas of the Physical Education Building.
  - 2.1 A women's dressing room developed from the present department office area (Room 112), the north-south corridor adjacent to Room 112, Room 101-A, Faculty-Staff Lounge, and Room 102, faculty men's lockerroom. This dressing room would have direct access to the laundry check-out area. Women participating in activities other than swimming in the Physical Education Building could dress there. A faculty women's dressing room would be part of this facility.
  - 2.2 The men's dressing room will be modified to better utilize the existing space. The faculty men's dressing room will be developed in this area.
  - 2.3 Room 101 will be added to the equipment storage and laundry facility.
  - 2.4 Room 114, gymnasium at the west end of the building, will be cleaned, painted, and equipped with appropriate safety equipment, emergency lights and wall padding. Primary function of this room would be to facilitate adapted programs for handicapped students.
  - 2.5 Room 114-C, storage area adjacent to 114, will be developed to better serve the mechanical needs for wheelchair activities (workshop).
  - 2.6 Room 115, the old weight room, will be developed into a resistive exercise room for adapted programs and conditioning programs.
  - 2.7 Room 201, second floor gymnasium, is an excellent large-space area for instruction, sports practice, recreation, and would be adjacent to proposed labs and classrooms. The facility would need to be cleaned up, painted, and equipped with safety equipment, emergency

lights and wall padding. Hitting cages in Room 200 could be installed in this area. Cages will be raised and lowered for use and storage.

2.8 Room 200, small gymnastics gym on second floor adjacent to the pool balcony, 201 and 114, presently houses hitting cages for tennis, baseball and softball. Wall between 200 and 114 and circulation vents from the pool would be closed off. A hall at the south end of this room would be developed to connect with the pool balcony. With the installation of combative and tumbling mats on the floor and walls, this 56 x 40 facility would be for tumbling and combative activities.

2.9 Room 202, old second floor locker room, is presently being used as a learning lab for physical education department students. This area would be converted into an exercise physiology laboratory. The access to plumbing and water supplies makes this a desirable location. Also, it is immediately accessible to the large gymnasium area which would be an asset for field-type research. The south end of this area would be developed into a hall area to access traffic from the elevator and connect to the pool balcony.

2.10 Third floor renovation would be limited to a hall area to access the elevator traffic. A fire escape pattern needs to be established, also.

### 3. Physical Education Building Development

With the suggested renovations of the Physical Education Building, the basic larger space needs (including the Activity Building) will be met. Our biggest problem will continue to be back-up area for outdoor classes. To meet the remaining instructional, research, and support facility needs, an addition to the Physical Education Building is recommended. The facilities recommended would be housed in a 60 x 128 addition to the east end of the building (PEB), and would be as follows:

3.1 The first floor of the addition would contain the following:

3.11 A dance studio, 60 x 60, adjacent to the proposed new women's dressing room (2.1).

- 3.12 Building entrance, stairwell, and elevator to the second and third floors.
  - 3.13 A small lobby area and corridor leading to the remainder of the building.
  - 3.14 Multiple use room approximately 55 x 60 for motor development activities, fitness activities, dance classes, testing, etc.
- 3.2 Second Floor would contain the following:
- 3.21 Biomechanics lab, which would have immediate access to the other labs and the large gym on the second floor.
  - 3.22 Motor learning and control lab, which would have immediate access to the other labs and gym.
  - 3.23 Classroom close to labs and data processing room.
  - 3.24 Data processing room with computer terminal and small computers - these will support the labs and class activities.
  - 3.25 Department office and faculty offices.
- 3.3 Third Floor would contain the following:
- 3.31 Learning Lab, which provides a resource center for students, testing center, study area, etc.
  - 3.32 Classrooms
  - 3.33 Faculty offices

First Floor

Existing Offices

Existing Women's Dressing Room

40'

New →

Dance Studio

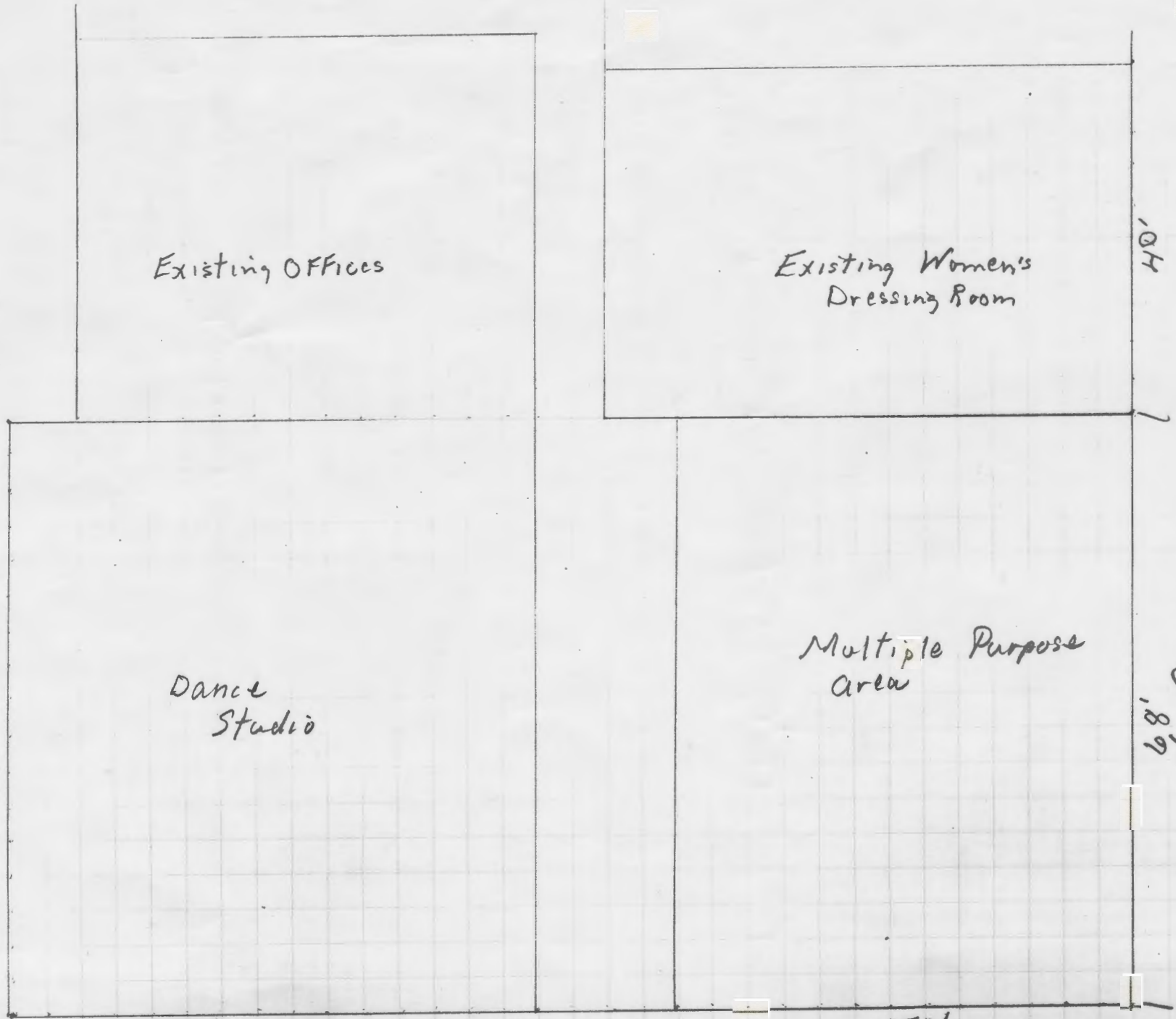
Multiple Purpose Area

68' New Space

68'

60'

52'





Second Floor

Large Gym

Exercise Physiology

Faculty Offices

New →

Classroom

Biomechanics

Motor Learning

New Space

Dept. Office

Faculty Offices

Faculty Offices



Gym

Existing  
classroom

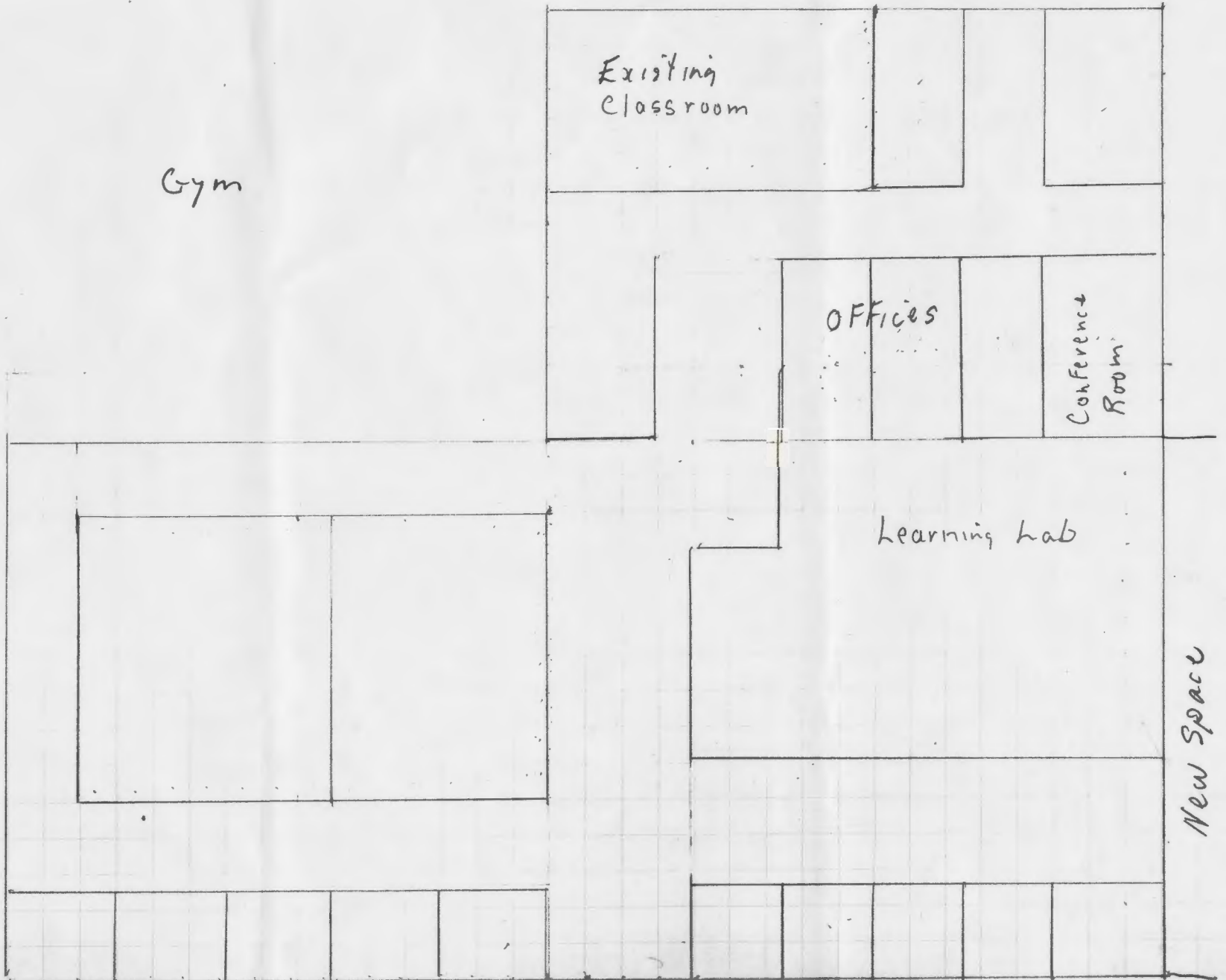
OFFICES

Conference  
Room

Learning Lab

New →

New Space



JUSTIFICATION FOR RENOVATION AND DEVELOPMENT OF THE PHYSICAL EDUCATION BUILDING.

The rationale for each proposed item for renovation and development will be keyed to the numbers on the preceeding pages. Also, a facility-use chart illustrates present programming of courses and activities.

1. Air conditioning of the entire building would increase the amount of time for building use during the entire year.
  - 1.1 At present, the summer, early fall, and late spring periods make it very difficult to use the gymnasiums in the P.E.B. The heat and high humidity, due to the pool, create a health hazard for high levels of physical activity. Further, the opening and closing of windows in the gymnasiums for ventilation is very time consuming. The building is often very dirty due to the need to leave windows open in the gyms for cooling purposes. The existing system in the office area and one classroom works about 50 percent of the time.
  - 2.1 Presently, the only women's dressing room in the P.E.B. is adjacent to the swimming pool. Its size, location, and configuration does not provide an effective space for more than 50 individuals at peak load. If we are going to use the P.E.B. for coed activities, human performance testing, etc., more space will be needed. Also, we do not have a dressing room for our women faculty in the P.E.B. and women faculty will have offices and teach in the building.

The proposed new dressing room will provide the additional space and efficient service from the laundry and supply operations, along with more adequate accommodations for the handicapped students.
  - 2.2 The existing men's dressing room has considerable space which is not used. The existing basket and locker arrangements can be modified to provide better maintenance, security and supervision. The faculty men's dressing room would need to be developed in this area.
  - 2.3 Presently, the storage area for equipment and supplies is rather meager. We have no central receiving area, and the storage area in the Activity Building hasn't any central operating potential. With our equipment and supplies we need to affect a situation where support personnel can effectively perform these services.
  - 2.4 Room 114 is presently used for adapted physical education classes, conditioning classes, backup space for varsity sports and outdoor activities. Its location next to a resistive exercise room, locker rooms, and the fact that it is on the first floor, makes it an important facility. Thus, cleaning up and air conditioning are the principal needs.

- 2.5 The adapted physical education programs need a workshop area for the maintenance and development of equipment. Repairs and modification of wheelchairs, exercise and sport equipment, are necessary to accommodate the handicapped students. Presently, Room 114-C serves this purpose.
- 2.6 Room 115 is located next to the gymnasium, locker rooms, on the first floor and is excellent for the adapted programs and conditioning activities. The primary needs would involve cleaning up and adding the appropriate resistive exercise equipment.
- 2.7 Room 201 is a large space conducive to handling large classes, backup for outdoor activities and controlled elements of field research. The location adjacent to the proposed human performance and research labs makes this excellent space. Also, it could be used as intramural and recreation space. The athletic programs use this area frequently, too.
- 2.8 At the present time, we do not have an appropriate space (ceiling height and floor space) for combative or self-defense activities. This space (Room 200) could serve classes in tumbling, combative and conditioning activities.

The renovations suggested in items 1 - 2.8 would up-grade the existing space and provide accommodations to a large number of students and programs. Also, the conditions which have allowed the facility to deteriorate and create maintenance problems can be improved.

The present configurations of the Physical Education Building and the Activity Building do not reflect the development of the Physical Education Department as an academic unit. With the department assuming responsibility for a degree program in physical education and a teaching certification program in health education, the facility requirements change. With the development of a research-based body of knowledge on human performance, we are challenged to help the student develop inquiry skills and competence basic to our fields of study. With current technology, the study of human performance in fitness activities, sports, and dance has provided new dimensions to our fields, not only in the knowledge base, but more importantly in the inquiry process. Thus, the expectations for students and faculty in health education and physical education have changed and will continue to do so. The impact of these factors is evident by the rapidly-changing profile of our department faculty and the demands placed upon them as professionals.

The principal deficiencies in our department's facilities are in laboratory, classroom, and support service areas for instruction and research. Therefore, the proposed addition to the Physical Education Building is intended as a solution to these needs.

- 3.11 The development of a dance studio would provide a space adjacent to the dressing facilities, offices, classrooms, etc., for dance activities. Of special concern would be the floor construction, which is unique to the performing arts oriented danced activities. This would allow the dance activities to be articulated with some of the music and theatre programs. Further, security and supervision factors could be improved.

- 3.12 The Physical Education Building is not accessible to the handicapped above the first floor, thus an elevator is needed to have access to the second and third floors.
- 3.14 A multi-purpose room would allow the department to schedule two types of dance sections concurrently. Motor development activities for children, fitness activities, and field testing of motor performance could be conducted in this facility.

2.9, 3.21, 3.22

The separate laboratories are recommended for the following purposes:

Exercise Physiology Laboratory would serve the health-fitness concepts course for general students. Students would be tested and given exercise and diet plans to maintain good physical fitness profiles. Major students taking courses in exercise physiology would complete laboratory activities in this facility. Faculty-staff fitness profiles could be developed here. Faculty research and service projects would be conducted from this facility.

Biomechanics or Kinesiology Lab facility would serve the laboratory needs of the kinesiology students in learning to use movement analysis techniques. Adapted physical education students would also use these facilities. Research and service functions of faculty would be housed in this facility.

The Motor Learning and Performance Laboratory would be used for classes in psychology of motor learning and performance, instructional design, adapted physical education, and motor development. Research and service functions would be conducted in these labs.

- 3.23 A classroom adjacent to these laboratories would provide an interactive relationship between the class and laboratory functions. This would facilitate the supervision of projects and demonstrations used in the respective courses.
- 3.24 A data processing room adjacent to the classrooms and labs would provide students and faculty services needed to complete projects, learning activities, and research. The location would provide security and supervision necessary for this equipment. All of the classes mentioned would use this facility.
- 3.25 At the present time, the Department Offices are located on the first floor of the P.E.B., directly under a gymnasium, and directly adjacent to the swimming pool facilities. Obviously, they are not located in the best work environment. The sound of running, jumping, and dribbling of basketballs directly overhead, and the constant disturbance of "wet swimmers" gets a little old. With the offices of the chairman, support staff and faculty centrally located in a more favorable traffic pattern, it is felt work would be produced in a more efficient and effective manner. Thus, the present space would probably serve better as a dressing room. The new location of faculty offices close to the labs, workrooms, data processing and conference rooms should improve efficiency, security and supervision of the facilities.

- 3.31 The learning resource center would provide a study space for students. Individual study programs, audio visual aids and equipment would be managed here. This has special value for the health-fitness concepts courses and other individualized programs.
- 3.32 Classrooms would replace the ones presently used in University Hall and Davis Hall. The access to department resources, labs, gyms, etc., can be beneficial to courses.

The existing space on the third floor would not need very much change.

Facility Use Schedule

Fall, 1982 Semester

Facilities

Days & Hours	PEB 114	PEB 115	PEB 200	PEB 201	PEB POOL	PEB 303	UH 004	UH 006	DH 087
MWF 8:00	Conditioning					Adapted P.E.			
TTH 8:00	Back up Jogging cls.				Swim for Fitness	Physiology of Exercise		HEED - 2340-001	
MWF 9:00	Conditioning	Tennis Back up	Tennis Back up	Majors' Basketball	Swim for Fitness	PHED - 3301-002	PHED - 2330-001	HEED 3320-001	PHED 1315-001
TTH 9:30	Concepts of Phy. Fitness	Majors' Tennis B-U	Tennis Back up	Tennis Back up	Swim for Fitness	PHED - 3320-001	HEED - 1316-001	HEED - 2340-002	PHED - 2306-002
MWF 10:00	Conditioning Soccer B-U	Conditioning Tennis BU	Tennis Back Up	Men's Bsktb.	Beg. & Int. Swim	PHED 1315-002	PHED - 3302-001	HEED 3330-001	
MWF 11:00	Soccer Back up	Tennis BU	Tennis BU	Men's Bsktb.	Int. & Adv. Swim	PHED - 2306-001	PHED 3303-001		
TTH 11:00	Jogging BU		Tennis BU	Tennis BU	Lifesaving	PHED 3320-001	PHED 3311-001		
MWF 12:00	Jogging BU	Tennis BU	Tennis BU	Men's Bsktb.	Recreation swimming	PHED - 4202-001			
TTH 12:30	Concepts of Phys. Fit.		Tennis BU	Tennis BU	Swim for Fitness	PHED 3301-001			
MWF 1:00	Techniques of Coaching		Tennis BU	Tennis BU	Beg. & Int. Swim	PHED 4203-001			
MWF 2:00	Handicapped P.E. Class	Handicapped P.E. Class	Tennis BU	Tennis BU		PHED 4325-001			
TTH 2:00	Tennis BU	Tennis BU	****	****		PHED - 4330-001			
MWF 3:00	Handicapped P.E. Class	Handicapped P.E. Class	****	****		PHED 4325-001			
TTH 3:30	Tennis Team Back up	Tennis Team Back up	****	****		PHED 4330-001			
MWF 4:00	Handicapped Wheelchair	Handicapped Wheelchair	****	****					
TTH 5:30	Tennis Team Back up	Tennis Team Back up	****	****					
MWF 6:00	Tennis BU	Tennis BU	****	****		PHED - Mon. 3302-501			
TTH 6:00			****	****					

Baseball and Softball teams use the facilities during bad weather days for indoor workouts

Swim Club rental use





INITIAL REQUEST FOR A FEASIBILITY STUDY,  
PROJECT AUTHORIZATION WITHOUT FEASIBILITY STUDY,  
OR PROJECT ANALYSIS

A. General Information

Institution: The University of Texas at Arlington Date: June 30, 1982

Submitted by: W. H. Nedderman (President)

Type of Facility Proposed (classroom, lab, dorm, etc.): \_\_\_\_\_  
Office, Classroom and Laboratory

Estimated Building Space 72,195 GSF 56,801 NSF

B. Project Information

1. Attach Brief Description of Project. (Include purpose, use and justification.)
2. Proposed Starting Date: 9-1-82 Projected Completion Date: 8-31-85
3. Was this Project reviewed by Faculty Planning Committee? Yes (yes or no)
4. If yes, what priority was assigned to this project by Faculty Planning Committee in reference to other projects to be considered in the next six years? Rehabilitation and remodeling - 3 of 11
5. If this Project is not on schedule with the Institutional Strategic Plan, attach a brief explanation of the diversion from that Plan.\*

C. Estimated Cost (use best figures available)

1. Construction Cost

\$ <u>43.95</u> per GSF	\$ <u>78.68</u> per NSF	\$ <u>3,173,170</u>
Construction Contingency Allowance ( <u>2.3</u> %)		\$ <u>72,970</u>
Architectural and Engineering Fee (6%)		\$ <u>190,390</u>
Movable Furniture and Equipment: \$ _____ per gross sq.ft.		\$ <u>-</u>
Administrative Expenses ( <u>2</u> %)		\$ <u>63,470</u>
Project Contingency (____ %)		\$ <u>-</u>
<b>TOTAL ESTIMATED PROJECT COST</b>		<b>\$ <u>3,500,000</u></b>

2. Projected Physical Plant Maintenance and Operating Cost of Five Year Period Following Projected Completion Date. Indicate percentage used for inflation: 9%.

	<u>Year</u>	<u>Maintenance &amp; Operation</u>	<u>Utilities</u>	<u>Total</u>
(1)	1986	\$208,456	\$254,144	\$462,600
(2)	1987	227,212	168,019	395,231
(3)	1988	247,665	183,137	430,802
(4)	1989	269,952	199,619	469,571
(5)	1990	294,252	217,589	511,841

\*Refer to capital development plan currently in use.

D. Financial Consideration

1. Proposed Sources of Funds

Source	<u>Legislative Appropriation</u>	\$	<u>3,500,000</u>
Source	<u></u>	\$	<u></u>
Source	<u></u>	\$	<u></u>

E. Future Projects

List anticipated major capital development projects for the next six years, beginning with the current year.

<u>Project Name and Purpose</u>	<u>Year to be Submitted for Approval</u>	<u>Estimated Cost</u>	<u>Anticipated Sources of Funds</u>	<u>Anticipated</u>	
				<u>GSF</u>	<u>NSF</u>

See Attached

(Attach additional pages if necessary.)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RENOVATION AND ADDITION TO PHYSICAL EDUCATION BUILDING

B. PROJECT INFORMATION

1. Brief Description of Project

Renovation and Addition to Physical Education Building

The Physical Education Building has served its original purpose well for the past eighteen years. However, because of its present condition and lack of air-conditioning, many classes are using other facilities.

The classrooms and office spaces are too few and too small. Additional classes are needed to handle the past, present and future growth. The building is beyond the point now where routine building maintenance will suffice.

Its basic structure is cracked in places, water damage is evident in numerous places and wear and tear are seen throughout. Air-conditioning is needed to increase usage and efficiency, while at the same time reducing overall maintenance costs of the building.

The Physical Education Department is utilizing outdoor activities as much as possible and will continue to do so. However, this alternative is not effective in winter months and does not satisfy the need for classrooms for lecture courses, such as health and physiology of exercise. Crowding will soon curtail the enrollment of classroom instruction of this program.

An addition of approximately 7,680 square feet is needed to meet instructional, research and support facility needs.

THE UNIVERSITY OF TEXAS AT ARLINGTON  
 Future Projects (Including this Project)

June 30, 1982

<u>Project Name and Purpose</u>	<u>Year to be Submitted for Approval</u>	<u>Estimated Cost</u>	<u>Anticipated Source of Funds</u>	<u>Anticipated</u>	
				<u>GSF</u>	<u>NSF</u>
<u>A. New Construction</u>					
Engineering Building Addition	1982	\$23,291,875	Legislative Appropriation	177,000	115,000
Architecture Building	1982	9,500,000	Legislative Appropriation	100,000	65,000
Student Housing	1983	21,000,000	Revenue Bonds	337,500	202,500
University Center Addition	1983	10,000,000	Revenue Bonds	100,000	65,000
Special Events Center	1984	18,000,000	Legislative Appropriation	150,000	105,000
Conference Center	1984	7,200,000	Legislative Appropriation	80,000	52,000
Activities Building Addition	1985	2,000,000	Legislative Appropriation	12,000	8,400
Science Building Addition	1985	15,000,000	Legislative Appropriation	100,000	60,000
<u>B. Rehabilitation and Remodeling</u>					
Engineering Building	1982	6,674,000	Legislative Appropriation	126,788	93,000
Cooper Center Building	1982	1,500,000	Legislative Appropriation	59,500	39,991
Physical Education Building	1982	3,500,000	Legislative Appropriation	64,515	51,809
Swift Center Building	1985	1,300,000	Legislative Appropriation	31,248	20,323
Trinity Hall (Residence Hall)	1986	2,500,000	Revenue Bonds	42,201	25,321
Lipscomb Hall (Residence Hall)	1986	3,500,000	Revenue Bonds	63,263	37,958
Fine Arts Building	1985	8,900,000	Legislative Appropriation	223,000	145,747
Pachl Hall (Residence Hall)	1985	1,500,000	Revenue Bonds	26,938	16,163
Brazos House (Residence Hall)	1985	1,000,000	Revenue Bonds	19,712	11,827
<u>C. Landscaping and Site Work</u>					
Parking Facilities	1983	750,000	Revenue Bonds	N/A	N/A
Depression of Cooper Street	1983	7,000,000	Legislative Appropriation	N/A	N/A
Paving of Streets	1986	600,000	Legislative Appropriation	N/A	N/A



The  
University of Texas  
at  
Arlington

Office of the President  
P.O. Box 19125  
Arlington, Texas 76019

September 22, 1982

Dr. Bryce Jordan  
Executive Vice Chancellor for  
Academic Affairs  
The University of Texas System  
601 Colorado Street  
Austin, Texas 78701

Dear Dr. Jordan:

Enclosed is The University of Texas at Arlington's narrative progress report on our equal educational opportunity and equal employment opportunity programs. The University is proud of the gains we have made in these areas and shall continue to develop and implement programs designed to foster greater participation of all individuals regardless of race, sex, national origin, handicap or veteran status.

Sincerely,

Wendell Nedderman  
President

WN/cw/pac

Enclosure