The references included were drawn from the documents received and processed to date by the ERIC Clearinghouse on Educational Facilities, and are organized into the following sections: (1) procedures for making facilities and space utilization studies, (2) uses of the computer for facility and space requirements, (3) facilities inventory procedures, (4) research space requirements, and (5) case descriptions of space and facility utilization studies. (FS)
PLANNING IN HIGHER EDUCATION
An Interpretive Bibliography in Six Parts

Part I
FACILITIES AND SPACE UTILIZATION
PLANNING IN HIGHER EDUCATION

An Interpretive Bibliography

Part 1

FACILITIES AND SPACE UTILIZATION

Prepared By

Norman P. Isler
Subject Area Coordinator

The work presented herein was performed pursuant to a contract with the U.S. Office of Education, Department of Health, Education and Welfare (OEC-1-7-07883-5095)

ERIC Clearinghouse on Educational Facilities
The University of Wisconsin
Madison, Wisconsin
November 1969
FOREWORD

The Educational Resources Information Center - Clearinghouse on Educational Facilities (ERIC/CEF) is a clearinghouse of information about sites, buildings and equipment used for educational purposes; included are the efficiency and effectiveness of activities such as planning, financing, utilizing, and evaluating educational facilities.

ERIC/CEF is part of a national network of 19 clearinghouses each covering a different field of educational research. The information from all these clearinghouses is reported monthly in RESEARCH IN EDUCATION (RIE), a publication of the U.S. Government Printing Office (annual subscription: domestic $21.00, foreign $26.25).

Many of the documents reported in RIE are available from the ERIC Document Reproduction Service. This service is currently provided by the National Cash Register Company, 4936 Fairmont Ave., Bethesda, Maryland 20014. Individual documents may be obtained on microfiche at 25¢ for each 57 pages or fewer. Facsimile documents are available at approximately 5¢ per page. Standing orders of all documents related to certain topics are available at 8.4 cents per fiche.

Since January, 1968 approximately 900 documents have been submitted by ERIC/CEF for inclusion in RIE. In addition, approximately 3,000 documents have been accumulated in a local collection which will serve more specialized interests. While the clearinghouse collection does include textbooks, dissertations, and journal articles, the prime mission of ERIC/CEF is to locate and report on documents that are not well known nor widely distributed.

In performing subject searches of RIE, researchers should correlate its use with the Thesaurus of ERIC Descriptors. Descriptors are technically meaningful terms or short phrases that are used to characterize a document and which may also be used as index entries. Descriptors perform a dual function in a storage and retrieval system. First, they permit the indexer to describe the subject elements of the document so that it may be stored in a system for future search and retrieval purposes. Second, they represent the raw material from which a searcher may construct a question for the system to answer. The descriptors used to generate this particular bibliography were: Campus Planning; College Buildings; and College Planning. Any documents in the ERIC/CEF collection which had been indexed using one or more of the aforementioned descriptors were initial candidates for the bibliography. These documents were further screened for applicability and quality and then organized into sections according to content.
The references contained herein are drawn from the documents received and processed to date by ERIC/CEF. They are not represented as a comprehensive list of information on the subject. However, many of the documents are not widely circulated and are therefore useful in expanding existing information.

Howard E. Wakefield
Director

November 1969
HOW TO OBTAIN DOCUMENTS

The documents cited in this bibliography are obtainable in either of two ways:

(1) If the document has been processed by ERIC, it has an ED number and may be ordered from EDRS (ERIC Document Reproduction Service) either on microfiche or hard copy. These prices are furnished at the bottom of each page - MF for microfiche, HC for hard copy. When ordering from EDRS the following information should be provided:

The ED number of the desired document (titles need not be given)

The type of reproduction desired - hard copy or microfiche

The number of copies being ordered

Purchase from: ERIC Document Reproduction Service
National Cash Register Company
4936 Fairmont Avenue
Bethesda, Maryland 20014

Note: Payment must accompany orders totaling less than $5. Add a handling charge of 50 cents to all orders except full document collections. EDRS is registered to collect sales taxes. Orders from states which have sales tax laws should include payment of the appropriate tax or tax exemption certificate. Foreign orders: A 25-percent service charge, calculated to the nearest cent, must accompany orders from outside the United States, its territories, and possessions. This service charge is applicable to orders for microfiche and hard copy.

(2) If the document has not been processed by ERIC it will not have an ED number and may be secured directly from the source given. This information is printed at the bottom of each applicable page of the bibliography.
The documents included in this bibliography are concerned with the utilization of space and facilities, their inventory, procedures and methodologies in projecting future needs, including uses of the computer and case descriptions.

**Procedures for Making Facilities and Space Utilization Studies**

Some of the issues dealt with cover systems of space classification, procedures for room inventory, residential housing facilities, enrollment, instructional workload, and more efficient use of space.

**Uses of the Computer for Facility and Space Requirements**

The determination of space and facility requirements by the computer employing several different techniques is described.

**Facilities Inventory Procedures**

Seven references concerned with methods for the establishment of an inventory of physical facilities are included. Among the topics discussed are required and necessary data, compilation and recording of data on special forms, and room and building classification schemes.

**Research Space Requirements**

Buildings for research and their spatial requirements is the subject of four references. The subject matter of the research, the level of activity, and the demand unit approach are all discussed as they relate to space needs.

**Case Descriptions of Space and Facility Utilization Studies**

Nine separate descriptions of studies of space utilization and facility requirements as reported by institutions of higher education. Each institution reports on its particular study, its methodology, results, and recommendations.
PROCEDURES FOR MAKING FACILITIES AND SPACE UTILIZATION STUDIES
HORIZONTAL AND VERTICAL CIRCULATION IN UNIVERSITY INSTRUCTIONAL AND RESEARCH BUILDINGS

UNIVERSITY FACILITIES RESEARCH CENTER, MADISON, WISCONSIN

PUBLISHED- 61

024 PAGES


TO FACILITATE CIRCULATION PLANNING IN BUILDINGS USED FOR HIGHER EDUCATIONAL INSTRUCTION AND RESEARCH, A PILOT STUDY WAS CONDUCTED WITH THE INTENT OF DEVELOPING GENERALIZED RECOMMENDATIONS FOR HORIZONTAL AND VERTICAL CIRCULATION FACILITIES. A SURVEY TECHNIQUE WAS DEVELOPED AND APPLIED TO FOUR CLASSROOM AND TWO RESEARCH BUILDINGS IN ORDER TO OBSERVE AND RECORD--(1) CIRCULATION ON PARTICULAR FLOORS DURING PEAK WORK LOADS, (2) NUMBER OF PERSONS IN EACH ROOM ON A FLOOR DURING THE MORNING, (3) THE LENGTH OF THE KEY CIRCULATION ROUTES, (4) TRAVEL TIME OF KEY ROUTES DURING PEAK PERIODS. DATA ON PERMISSIBLE DENSITY, CLASSROOM UTILIZATION AND PLANNING STANDARDS WERE CONSIDERED IN THE RECOMMENDATIONS FOR HORIZONTAL CIRCULATION. IN ADDITION TO THESE FACTORS, VERTICAL CIRCULATION RECOMMENDATIONS CONSIDERED LAND, BUILDING AND CIRCULATION FACILITIES COSTS. IN ORDER TO PLACE THE STUDY WITHIN THE FRAMEWORK OF CORRECT DESIGN PRACTICE THE HORIZONTAL AND VERTICAL CIRCULATION RECOMMENDATIONS WERE COMPARED WITH BUILDING CODES OF TWO CITIES, THREE STATES AND TWO NATIONAL ASSOCIATIONS. IN ADDITION TO INTRA-BUILDING CIRCULATION, CLASS SCHEDULING AND PHYSICAL PLANT LOCATION WILL DETERMINE CIRCULATION TIME AND DISTANCE. SURVEY PROCEDURE AND THE DATA COLLECTION FORM ARE PRESENTED IN THE APPENDIX. (BH)
IC BUILD OR NOT TO BUILD, A REPORT ON THE UTILIZATION AND PLANNING OF INSTRUCTIONAL FACILITIES IN SMALL COLLEGES

BY: JAMRICH, JOHN X.
EDUCATIONAL FACILITIES RESEARCH CENTER, NEW YORK, N. Y.

PUBLISHED: 62

74 PAGES


THE REPORT GIVES AN EXTENSIVE COLLECTION OF DATA ASSEMBLED FROM OVER 60 FOUR-YEAR, DEGREE-GANTING, LIBERAL ARTS COLLEGES IN THE NORTH CENTRAL REGION OF THE UNITED STATES ALL OF THEM WITH ENROLLMENTS UNDER 3000. THE PURPOSE OF THE REPORT IS TO HELP INCREASE THE EFFICIENCY OF USE OF EXISTING SPACE TO MAKE ROOM FOR MORE STUDENTS THEREBY REDUCING THE QUANTITY OF NEW SPACE TO BE BUILT. THE DATA FOCUS UPON IMPROVEMENT OF UTILIZATION OF EXISTING INSTRUCTIONAL SPACE AND PLANNING NEW SPACE. A UNIQUE FEATURE OF THIS REPORT IS A SPACE UTILIZATION WORKBOOK FOR DETERMINING HOW INSTRUCTIONAL SPACE IS BEING USED. THE DATA IS INTENDED AS AN AID TO ANY LIBERAL ARTS COLLEGE EMBARKING ON A SPACE UTILIZATION STUDY. COPIES OF THIS REPORT MAY BE OBTAINED FROM EDUCATIONAL FACILITIES LABORATORIES, INC., 477 MADISON AVENUE, NEW YORK, N. Y. 10022. (HH)

Availability:
Educational Facilities Laboratories
477 Madison Avenue
New York, New York 10022
The purpose of this manual is to provide a basis for systematically programming the requirements for physical plant and land to accommodate the needs of an institution under a specified set of circumstances. The manual is organized into six broad elements—(1) activity levels of enrollment, instructional workloads and staff requirements, (2) planning criteria for utilization and physical factors, (3) space requirements needed for any functional category of the institution, (4) building occupancy programs for the distribution of institutional space requirements among present and future buildings, (5) campus development and land requirements for buildings, parking facilities, and athletic facilities, and (6) capital budgeting for maintenance and alteration of present buildings, costs of new construction and land acquisition. Worksheets are provided for a thorough collection of data and analysis in the above noted areas.
PROCEDURES FOR PHYSICAL FACILITY AND UTILIZATION STUDIES

BY SCHWEHR, F. E. AND SCHWEHR, B. J.

WISCONSIN COORDINATING COMMITTEE FOR HIGHER EDUCATION, MADISON

PUBLISHED OCT 67

131 PAGES


EFFECTIVELY PLANNING THE BUILDINGS NECESSARY FOR AN INSTITUTION OF HIGHER EDUCATION TO ACHIEVE ITS DESIRED GOALS REQUIRES SYSTEMATIC METHODOLOGY FOR GATHERING ACCURATE INFORMATION ON WHAT FACILITIES ARE AVAILABLE AND HOW THE FACILITIES ARE PRESENTLY BEING USED BY A GIVEN NUMBER OF STUDENTS IN A PARTICULAR COURSE OF STUDY. THIS MANUAL PRESENTS SUCH A SYSTEMATIC METHOD FOR CONDUCTING STUDIES ON PHYSICAL FACILITIES AND THEIR UTILIZATION AS RELATED TO PUBLIC INSTITUTIONS OF HIGHER EDUCATION IN WISCONSIN. THE PROCEDURES DESCRIBED WILL PROVIDE COMPARABLE DATA IN THE REPORTING OF EXISTING FACILITIES AND SERVE AS A BASIS FOR MAKING BIENNIAL PROJECTIONS OF FACILITY NEEDS. INCLUDED ARE THE FOLLOWING SECTIONS OF INFORMATION: (1) A SYSTEM OF SPACE CLASSIFICATION WHICH WOULD UNIFY DEFINITIONS OF ROOM TYPES, SUBJECT FIELD AND FUNCTION CLASSIFICATIONS FOR THE PURPOSE OF GIVING COMPARATIVE DATA FOR STATISTICAL STUDIES AT THE NATIONAL OR STATE LEVELS, (2) THE METHODS OF COLLECTING DATA FOR THE INVENTORY AND UTILIZATION STUDIES, (3) A FORMAT FOR PRESENTING THE DESIRED INFORMATION OUTPUT, AND (4) THE MANNER IN WHICH THE INVENTORY AND UTILIZATION INFORMATION WILL BE USED. THE SPECIFIC INFORMATION ON TYPES OF WORKSHEETS, FORMATS FOR THE COLLECTED DATA AND ANALYZED DATA ARE INCLUDED WITHIN THE TEXT. WHILE THE MANUAL IS BASED ON A COMPUTERIZED METHOD OF ANALYSIS, THE PROCEDURES MAY BE EASILY CONVERTED TO A MANUAL ANALYSIS WHICH MAY BE DESIRABLE FOR SMALLER INSTITUTIONS. (8H)

Order from EDRS as: ED 17157
MF $0.75   HC $6.65

ERIC/CEF DOCUMENT NO. EFD01509   ED 17157   DISPOSITION-UFRC 1
FACILITIES INVENTORY AND SPACE UTILIZATION PROCEDURES MANUAL

BY- SEIFRIT, WILLIAM C.
IDAHO STATE COMMISSION FOR HIGHER EDUCATION FACILITIES

PUBLISHED-AUG67

113 PAGES


PROCEDURES NECESSARY FOR CONDUCTING FACILITY INVENTORIES AND SPACE UTILIZATION STUDIES FOR IDAHO'S HIGHER EDUCATION INSTITUTIONS ARE DIRECTED TOWARDS ESTABLISHING A COORDINATED, COMPREHENSIVE PLANNING SYSTEM. THE SPECIFIC OBJECTIVES ARE TO PROVIDE DATA NECESSARY TO PLAN INTELLIGENTLY FOR FUTURE FACILITIES CONSTRUCTION NEEDS, AND TO PROVIDE SOME OF THE DATA NECESSARY FOR STATE-WIDE COMPREHENSIVE PLANNING IN HIGHER EDUCATION. THIS MANUAL FOR FACILITY INVENTORY AND SPACE UTILIZATION RESEARCH IS CONSIDERED THE INITIAL STEP IN A COMPREHENSIVE MASTER PLAN, CONSISTING OF THREE SECTIONS. THE MANUAL OUTLINES PROCEDURES FOR BUILDING AND ROOM INVENTORIES AND UTILIZATION STUDIES WITH EACH SECTION DETAILING HOW THE STUDIES ARE TO BE IMPLEMENTED AND EVALUATED. THE APPENDICES CONTAIN ADDITIONAL INFORMATION REQUIRED TO COMPLETE THE STUDIES SUCH AS CLASSIFICATION SYSTEMS, DIRECTIONS FOR SURVEY TEAMS, AND ROOM AND BUILDING CODES. (8H)

Order from EDRS as: ED 22328
MF $0.50 HC $5.75
GUIDELINES FOR PLANNING IN COLLEGES AND UNIVERSITIES, VOLUME FCUR-PHYSICAL PLANT PLANNING FACILITIES STUDIES

PUBLISHED-JUL68

125 PAGES


THE FOURTH OF A FIVE-VOLUME SERIES CONCERNED WITH HIGHER EDUCATIONAL PLANNING PROVIDES TECHNIQUES FOR THE ESTIMATION OF AN INSTITUTIONS FACILITY REQUIREMENTS. THE FACILITIES ARE DISCUSSED WITHIN THE FRAMEWORK OF TWO BROAD CATEGORIES--(1) ACADEMIC PROGRAM FACILITIES, AND (2) RESIDENTIAL HOUSING FACILITIES. THE ACADEMIC PROGRAM FACILITIES PROVIDE FOR CLASSROOMS, LABORATORIES, OFFICES, RECREATIONAL FACILITIES, AND OTHER ASSOCIATED SPACE AS REQUIRED TO CONDUCT THE PROGRAM OF A UNIVERSITY. THE RESIDENTIAL HOUSING FACILITIES PROVIDE FOR STUDENT HOUSING AND IN SOME CASES FACULTY AND STAFF HOUSING. PLANNING FOR THE ACADEMIC FACILITIES REQUIRES AN INVENTORY OF EXISTING FACILITIES INCLUDING A QUALITY ANALYSIS, FACILITY UTILIZATION RESEARCH, AND ESTIMATIONS OF SPACE REQUIREMENTS FOR BOTH TEACHING AND NON-TEACHING FACILITIES. THE ASPECTS OF AN AUTOMATED SYSTEM OF MASTER SCHEDULE CONSTRUCTION AND STUDENT SECTIONING ARE BRIEFLY PRESENTED. RESIDENTIAL FACILITIES PLANNING IS BASED ON A THOROUGH ANALYSIS OF THE STUDENT BODY BASED ON MARITAL STATUS, NUMBER OF DEPENDENTS, SEX, AND COLLEGE YEAR. NUMEROUS FORMULAS AND SPECIFIC NUMERICAL VALUES ARE SUPPLIED AS PART OF THE RECOMMENDED TECHNIQUES INVOLVED IN ESTIMATION. AN APPENDIX INCLUDES QUALITY ANALYSIS WORKSHEETS AND HOUSING GUIDELINES. (NI)///

Availability:
Coordinating Board
Texas College and University System
201 East 14th Street
Austin, Texas 78711
INSTRUCTIONS TO ACADEMIC AND PLANNING COMMITTEES WHO ARE CHARGED WITH THE RESPONSIBILITY OF PREPARING BUILDING PROGRAM REQUIREMENTS FOR CAPITAL IMPROVEMENT PROJECTS. REV. JULY 1968

BRIGHAM YOUNG UNIVERSITY, PROVO, UTAH, DEPT OF PHYSICAL PLANT

PUBLISHED APR 59

AVAILABLE FROM- BRIGHAM YOUNG UNIVERSITY, PROVO, UTAH, DEPT OF PHYSICAL PLANT

021 PAGES


AN OUTLINE TO GUIDE BRIGHAM YOUNG UNIVERSITY ACADEMIC COMMITTEES IN THE PROCESS OF COMPILING PROGRAM REQUIREMENTS FOR A PROPOSED BUILDING OR FACILITY, IN WHICH EACH AREA IS DEFINED AS APPROXIMATE SIZE, FUNCTION, FURNITURE, ETC. AN OUTLINE OF MATERIAL TO BE PREPARED BY THE BRIGHAM YOUNG UNIVERSITY IS INCLUDED TO PROVIDE COMMITTEES WITH AN OVER-ALL PICTURE OF A PROGRAM REQUIREMENT. TYPICAL PAGES FROM ACTUAL PROGRAM REQUIREMENTS ARE LIKewise INCLUDED. BUILDING STANDARDS ARE CONTAINED IN THE INSTRUCTIONS TO GUIDE THE COMMITTEES IN DETERMINING OFFICE SIZES, STUDENT SPACES, AND ILLUMINATION. (FS)
1569-71 COORDINATING COUNCIL FOR HIGHER EDUCATION BUILDING PRIORITY LIST FOR TWO PUBLIC HIGHER EDUCATION SYSTEMS IN WISCONSIN PREPARED IN SATISFACTION OF REQUIREMENTS OF STATE STATUTES FOR THE BIENN IUM 1969-1971. APPENDICES PRESENT GUIDELINES, SPECIFICATIONS, AND METHODOLOGY FOR COMPUTING SPACE NEEDS. THERE ARE ALSO ENROLLMENT PROJECTIONS FOR THE TWO SYSTEMS. (FPO) //

Availability:
Wisconsin Coordinating Council for Higher Education
732 North Midvale Blvd.
Madison, Wisconsin 53705
USES OF THE COMPUTER FOR FACILITY AND SPACE REQUIREMENTS
A METHODOLOGY FOR DETERMINING FUTURE PHYSICAL FACILITIES REQUIREMENTS FOR INSTITUTIONS OF HIGHER EDUCATION

BY- YUKKOVICH, JOHN V.
WISCONSIN UNIVERSITY, MADISON

PUBLISHED- 66

154 PAGES


Availability:
John V. Yurkovich, Acting Director
University Facilities Research Center
1554 Van Hise Hall
Madison, Wisconsin 53706
THE COMPUTER AS A MANAGEMENT TOOL - PHYSICAL FACILITIES
INVENTORIES, UTILIZATION, AND PROJECTIONS (APRIL 25-27, 1966, 11TH
ANNUAL MACHINE RECORDS CONFERENCE PROCEEDINGS)

BY- WITMER, DAVID R.
TENNESSEE UNIVERSITY, KNOXVILLE

PUBLISHED-APR66

29 PAGES

DESCRIPTIONS- *COLLEGE PLANNING, *COMPUTERS, *ENROLLMENT
PROJECTIONS, *FACILITY INVENTORY, *SPACE UTILIZATION, CLASSROOMS,
DECISION MAKING, GROWTH PATTERNS, MANAGEMENT, PHYSICAL
FACILITIES, RESOURCE ALLOCATIONS

WISCONSIN STATE UNIVERSITIES HAVE BEEN USING THE COMPUTER AS
A MANAGEMENT TOOL TO STUDY PHYSICAL FACILITIES INVENTORIES, SPACE
UTILIZATION, AND ENROLLMENT AND PLANT PROJECTIONS. EXAMPLES ARE
SHOWN GRAPHICALLY AND DESCRIBED FOR DIFFERENT TYPES OF ANALYSIS,
SHOWING THE CARD FORMAT, CODING SYSTEMS, AND PRINTOUT. EQUATIONS
ARE PROVIDED FOR DETERMINING STANDARD AND POTENTIAL UTILIZATION,
AND CLASS ENROLLMENT PROJECTIONS. IMPLICATIONS ARE NOTED FOR THE
USE OF COMPUTERS IN THE PLANNING PROCESS AND FOR THE TECHNIQUES
BEING USED. ADDITIONAL PROBLEMS DISCUSSED INCLUDE COMPUTER
APPLICATIONS IN SPACE CONVERSION, LABORATORY AND LIBRARY
PLANNING, OFFICE SPACE, AND DEPARTMENTAL ORGANIZATION. (MM)///
A *WHAT IF* APPROACH TO ACADEMIC FACILITIES UTILIZATION,
PROCEEDINGS OF STATEWIDE HIGHER EDUCATION CONFERENCE, ACADEMIC
PLANNING, FACILITIES, FINANCE, INSTITUTIONAL STUDIES (PIGEON LAKE
FIELD STATION, DRUMMOND, WIS., JUNE 3-6, 1968)

BY- ANSFIELD, PAUL J

PUBLISHED-JUN68
IA- SPEECH PRESENTED AT STATEWIDE HIGHER EDUCATION CONFERENCE,
ACADEMIC PLANNING, FACILITIES, FINANCE, INSTITUTIONAL STUDIES
(PIGEON LAKE FIELD STATION, DRUMMOND, WIS., JUNE 3-6, 1968)

005 PAGES

DESCRIPTORS- *FACILITY UTILIZATION RESEARCH, *HIGHER EDUCATION,
*PROGRAMING, *SCHEDULING, *SPACE UTILIZATION, COLLEGE PLANNING,
COMPUTER SCIENCE, INFORMATION PROCESSING, SCHOOL SCHEDULES,
SIMULATION

CONSIDERATION IS GIVEN TO A COMPUTER TECHNOLOGY APPROACH FOR
STUDYING AND DEVELOPING THE BEST UTILIZATION PATTERN FOR ANY
COMPLEX OF ACADEMIC FACILITIES. THE APPROACH BASICALLY INVOLVES
SIMULATING A VARIETY OF POSSIBLE CLASS SCHEDULES AND THEN
DECISIVELY IMPLEMENTING THE ONE SCHEDULE THAT BEST APPROXIMATES
THE EXISTING STANDARD FOR UTILIZATION AND THAT BEST SUPPORTS THE
INSTITUTIONS ACADEMIC PROGRAM. USE OF COMPUTER SIMULATION
METHODOLOGY ALLOWS FOR MANIPULATION OF A NUMBER OF FACTORS WITH
RAPIDITY AND EASE. THEREFORE, ONE MAY MANEUVER DETAILED INVENTORY
DATA IN ORDER TO FORECAST A VARIETY OF HEURISTIC ALTERNATIVE SETS
OF ROOM ASSIGNMENTS FOR ACHIEVING OPTIMAL UTILIZATION OF EXISTING
FACILITIES. (FS)
FACILITIES INVENTORY PROCEDURES
FACILITIES INVENTORY MANUAL FOR THE UNITS OF HIGHER EDUCATION IN MONTANA

BY: NELSON, EDWARD W.
MONTANA COMMISSION FOR HIGHER EDUCATION FACILITIES, HELENA

PUBLISHED— 67

076 PAGES


THIS MANUAL WAS PREPARED TO ASSIST AND GUIDE THOSE PERSONS RESPONSIBLE FOR MAINTAINING AN INVENTORY OF PHYSICAL FACILITIES AT THE PUBLIC AND PRIVATE UNITS OF HIGHER EDUCATION IN MONTANA. THE PHYSICAL FACILITIES INVENTORY DATA WILL BE USEFUL IN THE FOLLOWING AREAS— (1) TO PROVIDE A CONTINUING, ACCURATE RECORD FOR EACH BUILDING, (2) TO PROVIDE A BASIS FOR APPRAISAL OF EXISTING BUILDINGS AND TO DETERMINE FEASIBILITY OF RENOVATION, EXPANSION OR ABANDONMENT, (3) TO PROVIDE A BASE FROM WHICH TO DEVELOP A LONG RANGE BUILDING PROGRAM AND THE PLANNING OF SPECIFIC PROJECTS, (4) TO PROVIDE JUSTIFICATION FOR REQUESTS FOR CAPITAL OUTLAY APPROPRIATIONS OR FUND RAISING, AND (5) TO PROVIDE DATA FOR SCHEDULING, INFORMATION FOR PUBLICATIONS AND REPORTS. ADMINISTRATION USE, UTILIZATION STUDIES, AND COMPARISONS WITH SIMILAR INSTITUTIONS. GUIDELINES ARE GIVEN FOR DATA COLLECTION PROCEDURES, DATA SHEET FORMATS, BUILDING INVENTORIES, BUILDING NUMBER CODES, FUNDS SCHEDULES, AND ROOM INVENTORIES. APPENDICES ARE INCLUDED ON PROCEDURES FOR ROOM CLASSIFICATIONS AND TABLES OF ORGANIZATIONAL UNITS FOR HIGHER EDUCATIONAL INSTITUTIONS. (BM)

Order from EDRS as: ED 16372

MF $0.50  HC $3.90
PROCEDURE FOR INVENTORY OF PHYSICAL FACILITIES AT UNIVERSITY OF ILLINOIS

ILLINOIS UNIVERSITY, URBANA, CENTRAL OFFICE ON THE USE OF SPACE

PUBLISHED-JUL66

125 PAGES


THE PURPOSE OF THIS MANUAL IS TO OUTLINE THE NECESSARY ITEMS REQUIRED IN AN INVENTORY OF PHYSICAL FACILITIES AND THE PROCEDURE USED AT THE UNIVERSITY OF ILLINOIS FOR GATHERING INFORMATION AND THE ASSEMBLING OF DATA THAT CAN BE USED IN PREPARING REPORTS ON PHYSICAL FACILITIES TO UNITS WITHIN THE UNIVERSITY, TO STATE AGENCIES AND TO FEDERAL AGENCIES. THE ELEMENTS OF THE PHYSICAL FACILITIES INVENTORY ARE CATEGORIZED--(1) DESIGNATION (ROOM, BUILDING), (2) ASSIGNMENT (UNIT OR DEPARTMENT RESPONSIBLE FOR SPACE), (3) AREA MEASUREMENT (GROSS SQUARE FEET, NET ASSIGNABLE SQUARE FEET, ETC.), (4) CLASSIFICATION-USAGE AND DESCRIPTION (OFFICE, CLASSROOM, STORAGE, ETC.), (5) FILE MAINTENANCE PROCEDURE AND DIVISION ASSIGNED TO FUNCTION. DATA WAS COLLECTED FOR PARTICULAR SPACES RELATIVE TO THESE ELEMENTS AND THE PARTY RESPONSIBILITY FOR THE SPACE (CENTRAL OFFICE, DEPARTMENT OF PHYSICS, ETC.). THE DATA WAS COMPILED AND ANALYSED BY COMPUTER. THE APPENDIXES INCLUDE A DETAILED BREAKDOWN OF PARTICULAR SPACES WITH COMPUTER CODED NUMBERS AND A SAMPLE OF THE COMPUTER OUTPUT INVENTORY. (HH)

Availability:
Central Office on the Use of Space
University of Illinois
Urbana, Illinois 61801
SURVEY METHOD FOR HIGHER EDUCATION FACILITIES IN TEXAS COLLEGES AND UNIVERSITIES

BY- CULVERT, C. C.
TEXAS UNIVERSITY, AUSTIN, OFFICE OF EDUCATIONAL FACILITIES RESEARCH

PUBLISHED-MAK67

124 PAGES


PROCEDURES HAVE BEEN DEVELOPED FOR COMPLETING SURVEY FORMS TO COLLECT DATA ESSENTIAL IN INVENTORYING SPACE AND MEASURING THE UTILIZATION OF DIFFERENT TYPES OF SPACE AMONG INSTITUTIONS OF HIGHER EDUCATION. FORMS AND SURVEY METHODS ARE INCLUDED FOR (1) BUILDING ANALYSIS, (2) ROOM ANALYSIS, AND (4) SPACE UTILIZATION STUDY. METHODS DISCUSSED ARE SCOPE OF INFORMATION, DATA COMPILATION AND DATA RECORDING. APPENDIXES INCLUDE CODING SYSTEMS, DETERMINATION OF SPACE ADEQUACY AND UPDATING PROCEDURES. (MM)
HIGHER EDUCATION FACILITIES INVENTORY MANUAL

WASHINGTON HIGHER EDUCATION FACILITIES COMMISSION, OLYMPIA

PUBLISHED-JUL67

056 PAGES


THIS MANUAL SETS FORTH PROCEDURES FOR COMPLETING SURVEY FORMS TO COLLECT DATA NECESSARY FOR AN INVENTORY OF SPACE THAT CONFORMS TO THE REQUIREMENTS OF EACH INSTITUTION. THE AREAS DISCUSSED ARE GENERAL SUGGESTIONS ON HOW TO MAKE A SURVEY, BUILDING INVENTORY PROCEDURES, ROOM INVENTORY PROCEDURES, AND UPDATE PROCEDURES. THE APPENDICES DISCUSS ROOM TYPES, ORGANIZATIONAL UNIT, SUBJECT FIELD, ROOM FUNCTION, AND BUILDING AREAS. EXAMPLES OF DATA COLLECTING SHEETS ARE ALSO INCLUDED. (HH)
PHYSICAL FACILITIES INVENTORY BY BUILDING AND ROOM. INSTRUCTION MANUAL. 2ND ED.

PENNSYLVANIA STATE DEPARTMENT OF PUBLIC INSTRUCTION, HARRISBURG

PUBLISHED-JAN68

125 PAGES


TO PROVIDE A BASIS ON WHICH TO DETERMINE SPACE REQUIRED IN THE PUBLIC HIGHER EDUCATION INSTITUTIONS OF PENNSYLVANIA. THE STATE COMMISSION ON ACADEMIC FACILITIES DEVELOPED AN INSTRUCTION MANUAL FOR A METHOD OF INVENTORIYING PHYSICAL FACILITIES BY BUILDING AND ROOM. THE BUILDING INVENTORY AND THE ROOM INVENTORY ARE PRESENTED AS SEPARATE SECTIONS. EACH SECTION PROVIDING THE NECESSARY PROCEDURES TO BE FOLLOWED AND THE DATA FORMS TO BE USED. GENERAL INFORMATION IS PROVIDED ON THE SCOPE OF THE INVENTORY, THE BUILDING IDENTIFICATION CODING, AN INVENTORY OF RESIDENTIAL FACILITIES AND THE STAFF REQUIRED FOR AN INVENTORY STUDY. APPENDICES PROVIDE NECESSARY DATA FOR COMPLETING THE FORMS AND INCLUDE SUCH ITEMS AS BUILDING CATEGORIES AND CODES, CONSTRUCTION CODES, BUILDING CONDITION CODES, DETERMINING THE GROSS BUILDING AREA, OWNERSHIP CODES, ROOM FUNCTION CODES AND DEFINITIONS, ROOM TYPE CODES, AND OTHER INFORMATION RELATED TO BUILDING AND ROOM CLASSIFICATIONS. (BH)
COLLEGE AND UNIVERSITY FACILITIES SURVEY PART 3 INVENTORY OF COLLEGE AND UNIVERSITY PHYSICAL FACILITIES, FINAL REPORT

BY- HIGGINS, E. EUGENE AND FULLER, MARY B.
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, WASHINGTON, D.C.

PUBLISHED- 65

557 PAGES


THIS REPORT IS THE THIRD IN A FIVE PART SERIES OF STUDIES COMPRISING THE COLLEGE AND UNIVERSITY FACILITIES SURVEY. THIS PARTICULAR PART IS CONCERNED WITH THE ESTABLISHMENT OF A PERPETUAL INVENTORY OF HIGHER EDUCATION BUILDINGS AND COVERS EXISTING FACILITIES TO THE END OF 1957. DATA PRESENTED INCLUDES--DATES OF INITIAL OCCUPANCY AND REHABILITATION, PLANT FUND INVESTMENT, TYPE OF CONSTRUCTION, CONDITION, ESTIMATED VALUE, ASSIGNABLE AREA AND CAPACITY OF SPACES BY FUNCTION, AND GROSS AREA. SPECIAL ATTENTION IS GIVEN TO THOSE FACILITIES WHOSE TYPE OF CONSTRUCTION, DATE OF INITIAL OCCUPANCY, AND CONDITION SUGGEST THAT THEY ARE PROBABLY SURPLUS GOVERNMENT BUILDINGS, ACQUIRED SUBSEQUENT TO WORLD WAR II. FACILITIES THAT ARE SHARED WITH INSTITUTIONS OF LESS THAN COLLEGE GRADE ARE ALSO SINGLED OUT FOR SPECIAL ANALYSES. (INT)

Availability:
Superintendent of Documents
U.S. Government Printing Office
Washington, D.C. 20402 $3.50
CONCERNED WITH THE FACILITY PLANNERS ROLE IN PREPARING THE IMMEDIATE PHYSICAL ENVIRONMENT IN THE BEST WAY POSSIBLE SO THAT THE BEST LEARNING CAN TAKE PLACE WHEREVER THE STUDENT MAY BE. IN DISCUSSING MASTER PLANNING, EMPHASIS IS PLACED UPON ESTABLISHMENT OF A SOUND BASIC EDUCATIONAL PHILOSOPHY. COMMENTS ARE ALSO DIRECTED TO DATA COLLECTING ACTIVITIES INVOLVED IN THE DEVELOPMENT OF THE MASTER PLAN. TRANSLATION OF THE EDUCATIONAL PROGRAM OF THE INSTITUTION INTO PHYSICAL FACILITY REQUIREMENTS IS CITED AS AN IMPORTANT ASPECT OF INDIVIDUAL BUILDING PLANNING. TAKING INVENTORY OF PRESENT FACILITIES, ANALYZING UTILIZATION, AND PROJECTING FACILITY NEEDS ARE CONSIDERED INTEGRAL ACTIVITIES IN THIS PROCESS. (FS)
RESEARCH SPACE REQUIREMENTS
GUIDELINES WERE ESTABLISHED TO ASSIST IN THE PLANNING AND DEVELOPMENT OF ADEQUATE FACILITIES FOR SHORT-TERM RESEARCH GRANT PROGRAMS. FUNCTIONAL CRITERIA WERE DEVELOPED FROM THE ANALYSES OF COST STUDIES AND A SURGE SPACE STUDY AT THE UNIVERSITY OF ILLINOIS. ALTERNATIVES WERE SUGGESTED FOR THE PROVISION, PHYSICAL CHARACTERISTICS, SITE LOCATION, BUILDING TYPE AND ADMINISTRATIVE CONTROL OF THE FACILITIES. IT WAS RECOMMENDED THAT FLEXIBILITY, ECONOMY AND EXPANDIBILITY BE INTEGRATED WITH OVERALL CAMPUS PLANNING IN THE SELECTION OF AN APPROPRIATE SOLUTION. THE APPENDIX INCLUDES SEVERAL ALTERNATIVE FLOOR PLANS AND A COST BREAKDOWN FOR THE SURGE UNIT AT THE UNIVERSITY OF ILLINOIS. (JP)
DETERMINING RESEARCH SPACE NEEDS AND ESTABLISHING GUIDELINES

WISCONSIN COORDINATING COMMITTEE FOR HIGHER EDUCATION, MADISON

PUBLISHED-MAR66

REPORT/SERIES NO.- CCHE-20

003 PAGES


THE PROJECTION OF SPACE NEEDS FOR RESEARCH IS A FUNCTION OF (1) GRADUATE STUDENT ENROLLMENT, (2) THE PARTICULAR ACADEMIC DISCIPLINE, AND (3) THE LEVEL OF RESEARCH ACTIVITY. IT IS PROPOSED THAT THE FULL TIME EQUIVALENT GRADUATE STUDENT POPULATION BE USED AS BEING REPRESENTATIVE OF THE OVERALL REQUIREMENTS. THERE ARE CERTAIN NOTABLE EXCEPTIONS, THE FIRST BEING PUBLIC SERVICE ORIENTED RESEARCH PROGRAMS WHICH DO NOT USUALLY ATTRACT OR SUPPORT GRADUATE STUDENTS. THE OTHER EXCEPTION IS IN DISCIPLINES WHICH REQUIRE SPECIALIZED EQUIPMENT TO BE HOUSED, SUCH AS A BIOTRON COMPLEX OR NUCLEAR ACCELERATOR. THESE EXCEPTIONS MUST BE CONSIDERED SEPARATELY. A LATER PAPER CCHE-60 UNDER EF001732 MAY BE REFERRED TO FOR THE PROJECTION PROCEDURE ITSELF. (NI)
THE DEMAND UNIT APPROACH TO DETERMINING RESEARCH SPACE NEEDS IS PROPOSED AS A METHOD FOR PROJECTION OF SPACE REQUIRED FOR RESEARCH IN WISCONSIN PUBLIC HIGHER EDUCATION FACILITIES. DISCUSSION IS DIRECTED TO THE TWO FACTORS UTILIZED IN IMPLEMENTATION OF THIS APPROACH, NAMELY, (1) THE VARYING LEVEL OF ACTIVITY DEVOTED TO RESEARCH BY PARTICIPATING PERSONNEL, AND (2) THE VARYING AMOUNTS OF SPACE REQUIRED FOR DIFFERENT TYPES OF ACADEMIC PROGRAMS. IT IS NOTED THAT THIS APPROACH CAN SERVE TO DETERMINE THE SPACE NEEDED FOR MOST RESEARCH ACTIVITIES, HOWEVER, THERE ARE CERTAIN SPECIAL RESEARCH PROGRAMS WHICH MUST BE TREATED SEPARATELY ON A CASE-BY-CASE BASIS. (FS)
CASE DESCRIPTIONS OF FACILITY AND SPACE UTILIZATION STUDIES
PHYSICAL FACILITIES FOR HIGHER EDUCATION IN OKLAHOMA

BY: WALKER, CHARLES R. AND COFFELT, JOHN J.
OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION, OKLAHOMA CITY

PUBLISHED: 64
IN: SELF-STUDY OF HIGHER EDUCATION IN OKLAHOMA - REPORT 5

137 PAGES


Order from EDRS as: ED 13526
MF $0.75    HC $6.95
PHYSICAL PLANT INVENTORY AND UTILIZATION STUDY

EASTERN WASHINGTON STATE COLLEGE, CHENEY

PUBLISHED: 63

079 PAGES


THE PURPOSE OF THE REPORT IS TO INCREASE THE EFFICIENCY OF USE OF EXISTING SPACE AND MAKE ROOM FOR MORE STUDENTS AT EASTERN WASHINGTON STATE COLLEGE. THE METHOD AND NORMS USED ARE THOSE OUTLINED BY THE RUSSELL-DOI AND EFL STUDY OF 60 COLLEGES. RECOMMENDATIONS INCLUDE SUGGESTIONS AS TO REVISING AND UPDATING OF THE TIME SCHEDULE AND CURRICULUM. (HH)

Availability:
Eastern Washington State College
Cheney, Washington 99004
EFFICIENT OPERATION AND ECONOMICAL EXPANSION OF UNDERGRADUATE TEACHING FACILITIES OF URBAN UNIVERSITIES

BY: FREDERIC C.
DREXEL INSTITUTE OF TECHNOLOGY, PHILADELPHIA, PENNSYLVANIA

PUBLISHED: 56

026 PAGES


INFORMATION CONCERNING EFFICIENT PLANT OPERATION AND ECONOMIC FACILITY EXPANSION TO BEST ACCOMMODATE INCREASED STUDENT ENROLLMENTS AT URBAN COLLEGES AND UNIVERSITIES WAS GENERATED FROM A CASE STUDY OF THE DREXEL INSTITUTE OF TECHNOLOGY. GENERAL AREAS INVESTIGATED WERE--(1) SPACE REQUIREMENTS WHICH WILL MEET ANTICIPATED INCREASES IN ENROLLMENT, (2) SPACE ARRANGEMENT FOR INTENSIVE AND EFFICIENT UTILIZATION OF THE PHYSICAL PLANT, (3) USE OF MULTI-STORY BUILDINGS TO COMPENSATE FOR HIGH LAND COSTS, (4) ECONOMICS OF BUILDING UNITS WHICH CAN LATER BE EXPANDED VERTICALLY, (5) POSSIBLE CONVERSION OF ADJACENT BUILDINGS, (6) PHASING OF FINANCING AND CONSTRUCTION WITH REGARD TO INFLATION, AND (7) PROVISION FOR SATISFACTORY PARKING. A METHODOLOGY FOR DETERMINING FUTURE SPACE REQUIREMENTS WAS DEVELOPED AND USED IN CONJUNCTION WITH SEVERAL PLANNING AND FEASIBILITY STUDIES TO DEVELOP SPECIFIC RECOMMENDATIONS FOR DREXEL INSTITUTE. INCLUDED ARE TABLES ON ALTERNATIVES FOR NEW BUILDING DEVELOPMENT, AND AN EXHIBIT OF THE FORMS AND INSTRUCTIONS FOR THE FACILITIES REQUIREMENTS METHODOLOGY. (BH)
ESTIMATED SPACE REQUIREMENTS FOR FT. WAYNE FACILITY TO BE JOINTLY OCCUPIED BY INDIANA UNIVERSITY AND PURDUE UNIVERSITY

By- COLLINS, RALPH L. AND LAWSHE, C. H.

JOINT PLANNING COMMITTEE OF INDIANA UNIVERSITY AND PURDUE UNIVERSITY, BLOOMINGTON, INDIANA

PUBLISHED-JUN60

037 PAGES

DESCRIPTORS- *CLASSIFICATION, *COLLEGE PLANNING, *EDUCATIONAL SPECIFICATIONS

This report presents the results of the joint planning committee of Indiana University and Purdue University in terms of the amount and type of space that will be required by 1965 and by 1972 in a facility to be jointly occupied by the two universities at Fort Wayne. In general, a six-step procedure was followed—(1) each institution, independently projected its own educational program based upon such assumptions as were consistent with its purposes and its methods of operation. (2) Thirty-six different space categories were established and agreements were reached as to unit size, in square feet, for each category. (3) Each institution then translated its requirements into 'part' units. (4) These 'part' units for the two institutions were then added for each space category in order to arrive at combined requirements. (5) Each institution developed its own requirements for non-instructional space, including such items as administrative space and instructors' offices. (6) Members of the committee developed the requirements for joint facility space, including library, and food facility. The results of the findings and projections are summarized in the tables and appendix. (BH)
A STUDY OF THE UTILIZATION OF INSTRUCTIONAL SPACE AT VALPARAISO UNIVERSITY, FALL SEMESTER 1957-1958

BY THUNE, PAUL E.
VALPARAISO UNIVERSITY, VALPARAISO, INDIANA

PUBLISHED 59

C85 PAGES


A COLLECTION OF DATA ALONG WITH SOME COMMENTARY CONCERNING THE UTILIZATION OF INSTRUCTIONAL SPACE AT VALPARAISO UNIVERSITY. THIRTY-EIGHT TABLES SUMMARIZE DATA IN ACCORDANCE WITH SUCH FACTORS AS--TYPE OF ROOM, DAYS AND/OR HOURS USED, STUDENT CAPACITY, FLOOR SPACE, AND COMPARISONS WITH OTHER INSTITUTIONS.

Availability:
Valparaiso University
Valaparaiso, Indiana
THE REPORT DESCRIBES THE PLANNING FOR THE UNIVERSITY OF MARYLAND FACILITIES AT THE COLLEGE PARK AND BALTIMORE CAMPUSES. DATA WAS FROM THE FACULTY OF EACH DEPARTMENT. THIS COMPILATION WAS BASED ON SMALLER STUDIES OF FACILITIES, USE OF SPACE, ENROLLMENT FACTOR, PROJECTION GUIDES, CLASSROOMS, AUXILIARY FACILITIES, AND DEPARTMENT NEEDS. AREAS DESCRIBED ARE (1) PRESENT LAND AND FACILITIES WITH TABLES, CAMPUS LAYOUT DIAGRAM, ENROLLMENTS, AND PROJECTIONS, (2) UNDERGRADUATE, EVENING SCHOOL, PROFESSIONAL, GRADUATE, AND SUMMER PROGRAMS, (3) OBJECTIVES, PROGRAMS, FACILITIES, FUTURE NEEDS FOR EACH COLLEGE ON THE COLLEGE PARK CAMPUS AND FOR EACH COLLEGE ON THE BALTIMORE CAMPUS. THE APPENDIX PROVIDES TABLES FOR THE SPACE USE BY BUILDINGS, INVENTORY OF EXISTING FACILITIES, AND PLOT PLANS OF UNIVERSITY PROPERTY FOR BOTH CAMPUSES. (HH)
FACILITY REQUIREMENTS FOR THE UNIVERSITY OF ILLINOIS, CHICAGO UNDERGRADUATE DIVISION, WERE ANALYZED TO ESTIMATE SPACE REQUIREMENTS OF THE VARIOUS DEPARTMENTS OF THE DIVISION. STANDARDS USED WERE ESTABLISHED BY ASSIGNMENT OF AREAS TO ACTUAL EQUIPMENT, FURNITURE, ETC., FOR SPECIFIC USAGE OF THE SPACE UNDER CONSIDERATION RATHER THAN ASSIGNMENT OF SPACE BEING BASED ON A MULTIPLIER OF A SET SQUARE FOOTAGE PER STUDENT TIMES THE NUMBER OF STUDENTS ASSIGNED TO THE AREA AT ANY ONE TIME. PROPER FUNCTIONING OF A SPACE WAS COMPARED WITH THE TYPE OF EQUIPMENT USED AND THE CIRCULATION SPACE NEEDED. RESULTANT ROOM SIZE WAS DIVIDED BY THE REQUIRED NUMBER OF STUDENTS TO ARRIVE AT AN AVERAGE STUDENT STATION SIZE. USING THIS METHOD, SPACE REQUIRED FOR CLASSROOMS, FACULTY, ADMINISTRATION, LABORATORIES AND SERVICE FUNCTIONS WERE ESTIMATED FOR EACH CONSTRUCTION PHASE OF THE EXPANSION PROGRAM. (BH)
UTILIZATION OF INSTRUCTIONAL SPACE AT VIRGINIA'S COLLEGES, PRIVATE AND STATE-CONTROLLED COLLEGES AND UNIVERSITIES-1967-68

BY- PHILLIPS, JAMES C AND FINLEY, DONALD J AND ADKINS, CHASE M

PUBLISHED- JUL 68

AVAILABLE FROM- VIRGINIA STATE COUNCIL OF HIGHER EDUCATION, RICHMOND

022 PAGES


A REPORT ON A STATE-WIDE STUDY OF THE UTILIZATION OF CLASSROOM, LABORATORY, AND PHYSICAL EDUCATION INSTRUCTIONAL SPACE IN PRIVATE AND STATE-CONTROLLED HIGHER EDUCATIONAL FACILITIES IN VIRGINIA. THE REPORT IS QUANTITATIVELY BASED AND INCLUDES A DISCUSSION OF ITS SCOPE AND CRITERIA FOR VALIDITY, SUMMARY STATEMENTS OF FINDINGS AS WELL AS DEFINITIONS OF TERMS EMPLOYED, AND AN APPENDIX WHICH PRESENTS THE FORMS USED TO GATHER DATA. A LIST OF COOPERATING INSTITUTIONS IS INCLUDED. (FPO)

Availability:
Virginia State Council of Higher Education
Richmond, Virginia 23216
SPACE UTILIZATION STUDY AND FUTURE CAPITAL OUTLAY NEEDS FOR PUBLIC INSTITUTIONS OF HIGHER EDUCATION IN MARYLAND (A REPORT TO THE MARYLAND STATE PLANNING DEPARTMENT)

PUBLISHED-SEP64

062 PAGES

DESCRIPTORS- *CAPITAL OUTLAY (FOR FIXED ASSETS), *FACILITY REQUIREMENTS, *FACILITY UTILIZATION RESEARCH, *HIGHER EDUCATION, *SPACE UTILIZATION, COLLEGE PLANNING, EDUCATIONAL FINANCE, ENROLLMENT PROJECTIONS, FACILITY CASE STUDIES, FACILITY EXPANSION

CAPITAL OUTLAY NEEDS ARE PRESENTED FOR THE STATE-SUPPORTED INSTITUTIONS OF HIGHER EDUCATION IN MARYLAND. INCLUDED ARE THE SPACE INVENTORY, BUILDING QUALITY STUDY, AND SPACE UTILIZATION STUDY OF THE EXISTING FACILITIES. THE PROJECTION OF ACADEMIC BUILDING NEEDS IS BASED UPON THE ENROLLMENT PROJECTIONS. METHODS OF IMPROVING SPACE UTILIZATION, AND THE USE OF SPACE FACTORS TO DEVELOP VALID SPACE REQUIREMENTS. EQUITABLE DISTRIBUTION OF CAPITAL OUTLAY FUNDS ARE SUGGESTED BETWEEN THE STATE-SUPPORTED INSTITUTIONS RECOGNIZING THEIR DIFFERENCES IN SIZE, PROGRAM, AND LEVEL OF INSTRUCTION. (FS)

Availability:
State Planning Department
301 West Preston Street
Baltimore, Maryland 21201
A STUDY OF UTILIZATION OF INSTRUCTIONAL SPACE IN THE UNIVERSITY OF SOUTH FLORIDA

UNIVERSITY OF SOUTH FLORIDA, TAMPA

PUBLISHED-MAY67

120 PAGES


THIS REPORT IS AN ANALYSIS OF THE UTILIZATION OF INSTRUCTIONAL SPACE AT THE UNIVERSITY OF SOUTH FLORIDA CONDUCTED FOR THE FALL TRIMESTER, 1966. UTILIZATION IS TABULATED BY ROOM TYPE, AND COLLEGE AND COURSE LEVEL. THESE ARE BROKEN DOWN FURTHER BY (1) DAYS OF THE WEEK, (2) HOURS OF THE DAY, (3) BUILDING, (4) SIZE OF ROOM, (5) FLOOR SPACE, AND (6) FULL TIME EQUIVALENT STUDENT. (FS)

Availability:
Division of Planning and Analysis
University of South Florida
Tampa, Florida 33620
AN INVENTORY AND EVALUATION OF PHYSICAL FACILITIES OF ALL COLORADO PUBLIC COLLEGES AND UNIVERSITIES, WITH MINOR EXCEPTIONS, AND FOUR PRIVATE COLLEGES. THE STUDY WAS CONDUCTED IN ACCORDANCE WITH THE USOE SYSTEM FOR GATHERING UNIFORM EDUCATIONAL STATISTICS AND HAS BEEN COMPUTERIZED FOR FUTURE USE. THE INVENTORY AND EVALUATION ARE CLASSIFIED UNDER THE HEADINGS OF 1 INSIDE SPACE, 2 BUILDING CHARACTERISTICS, 3 BUILDING EVALUATION, 4 BUILDING COSTS, AND 5 LAND. (PPO)
INDIANA FACILITIES UTILIZATION SURVEY FOR COLLEGES AND UNIVERSITIES, FALL 1967. HIGHER EDUCATION IN INDIANA. NEEDS AND RESOURCES 1968-85. CURRENT STATUS REPORT 5. FACILITIES INVENTORY-UTILIZATION

PUBLISHED- 68

298 PAGES


RESOURCE AND DEMAND CHARACTERISTICS OF THE PUBLIC AND PRIVATE INSTITUTIONS OF HIGHER EDUCATION IN INDIANA ARE REVIEWED. A SUMMARY AND UTILIZATION STUDY OF THE PHYSICAL FACILITIES AVAILABLE ARE PRESENTED AS IS- A PROFILE OF THE INSTRUCTIONAL ACTIVITY FOR THESE COLLEGES AND UNIVERSITIES DURING THE FALL TERM, 1967. SPACE INVENTORY SUMMARIES ARE PRESENTED FOR BOTH RESIDENTIAL AND NON-RESIDENTIAL SPACE WITH EMPHASIS ON THE NON-RESIDENTIAL ANALYSIS. STATISTICS FOR INDIVIDUAL SCHOOLS ARE NOT REPORTED, BUT COMPARISONS ARE MADE ON A GROUP BASIS BY CAMPUS SIZE, PROGRAM EMPHASIS, OR SOURCE OF SUPPORT. WHERE APPROPRIATE, COMPARISONS ARE MADE WITH FACILITIES STUDIES OF OTHER STATES.

Availability:

R. E. Masters, Executive Secretary
Indiana Advisory Commission on Academic Facilities
Indiana University
Bloomington, Indiana 47405

39
A NEW PROJECTION OF BUILDING SPACE NEEDS AT THE UNIVERSITY OF MINNESOTA BY THE YEAR 1975. BASED ON METHODS DEVELOPED IN THE 1956 STUDY. 2ND ED. AUG 1967

UNIVERSITY OF MINNESOTA, OFFICE OF ROOM ASSIGNMENTS AND SCHEDULING, MINNEAPOLIS, MINN.

PUBLISHED-JUN64

041 PAGES


METHODS FOR DETERMINING TEACHING LOAD MEASUREMENTS AND FOR PROJECTING BUILDING SPACE NEEDS FOR THE VARIOUS FUNCTIONAL ACTIVITIES OF THE UNIVERSITY OF MINNESOTA ARE DISCUSSED AND EVALUATED. VARIOUS FACTORS WHICH MIGHT INFLUENCE THE SPACE NEEDS OF THE INDIVIDUAL DEPARTMENTS ARE IDENTIFIED AND EVALUATED. ASSIGNABLE SQUARE FOOT BUILDING SPACE NEEDS ARE PROJECTED IN LARGE AGGREGATES. (FS)

Availability:
Office of Room Assignments and Scheduling
University of Minnesota
Minneapolis, Minnesota 55455