audit. They will be reported to the Board at a later date. In addition, he said Mr. Ed Branchfield, the Board's legal counsel, had first mentioned some of the foreboding trends in the relationships of institutions and corporate affiliates occurring outside of Oregon and, to some extent, within Oregon.

Mr. Branchfield said his concern did not directly involve education but rather foundations and other affiliates to hospitals. Nationwide there is a growing trend for accountants for the hospitals to treat the incomes to affiliated organizations as part of the income and budgets of those hospitals. If this trend continues and applies in higher education as well, it might be expected that the Legislature would take note of those funds and reduce General Fund support.

The Committee discussed the language in the proposed Internal Management Directives which states that employees of the institutions are encouraged to become aggressive in seeking contributions to the affiliated organization and to the institution.

It was recognized that the Board has an affirmative duty to encourage gifts to the institution, but the statement as originally presented implied that every employee also has that responsibility. Mr. Perry said the intent had been to point out that there was nothing illegal about encouraging contributions to an institution through an affiliated organization.

Mr. Ater suggested modified language to clarify possible ambiguities in IMD 6.411(1). It was also agreed that IMD 6.411(2) should be deleted and the subsequent sections renumbered. These changes are reflected in IMD 6.411 as presented above.

The Committee recommended that the Board approve the staff recommendations as presented.

Board Discussion and Action

Mr. Perry announced that the time set for the public hearing on amended policies to guide institutional relations with independent affiliated organizations had arrived and asked if anyone wished to be heard for or against the proposed changes. There being no response to his request, Mr. Perry declared the hearing closed.

In concluding the presentation of the recommendation, it was stated that Mr. George Renner, Supervisor of the Division of Audits, had indicated that the proposed changes, if adopted and fully implemented, would generally satisfy the 1975-1977 audit comments.

It was stated also that the proposed changes would have little effect on the officers, employees and institutions but would enable them to keep better accounting records of the support that is received from the foundations, and the support that the institution is providing to the foundations in the way of personnel.

The Board approved the Committee recommendation as presented and adopted the proposed changes on roll call vote, with the following voting in favor: Directors Anderson, Batiste, Carpenter, Green, Harms, Ingalls, Thorp, Warner-Yasuda, Wyss, and Perry. Those voting no: None.

Staff Report to the Committee

Affiliated organizations are established for the benefit of the institutions with which they are affiliated. It is natural, therefore, for the affiliate to take the name of the institution which its articles of incorporation commit it to support.
Statutory authority for the Board to receive and use gifts received either directly or indirectly through affiliated organizations is provided by ORS 351.060 (4), 351.130, 351.490, 352.240, 354.230, and 731.704, among others. ORS 351.130 provides the key language: "The Board of Higher Education shall encourage gifts to the institutions by faithfully devoting such funds to the institutions for which intended and by other suitable means." (Emphasis supplied.) The Board has concluded that the encouragement of gifts to the affiliated organizations is a "suitable means."

Board Administrative Rules, Internal Management Directives, statements in Board minutes, and OSBHE Financial Administration Standard Operating Manual (FASOM) regulations provide considerable direction for dealing with affiliated organizations. They (1) define an affiliated organization, (2) enable institutions to contract with individuals to provide services for the affiliated organization, (3) provide accounting procedures for accepting gifts on behalf of affiliated organizations, (4) direct institutions to deposit and expend gift moneys from affiliated organizations through restricted accounts, (5) require that institutions make annual reports of income and expenditure of affiliated organization gifts to the institution and disclose resources held for the institution, and (6) authorize institutions and the Board to encourage receipt of gifts to the institution, and "by other means" (meaning through affiliated organizations).

In the judgment of the Board's staff, the guidelines are reasonably complete. However, the January 11, 1979, audit by the office of the Secretary of State (page 26) contends that existing policies:

"do not yet establish clear and complete guidelines." This criticism is illustrated by reference to Board discussion in 1965 of "the fact...that Board policy has regarded these independent affiliated bodies as independent in a real sense." [The state auditors] "do not believe this to be the case. In practice, the organization and activities of affiliates are often indistinguishable from the institutions they serve. It is precisely this lack of independence which we believe to be of major concern requiring clarification."

The audit report concludes with a recommendation (page 28) that "current guidelines be reviewed and amended to specify and clarify the relationship between affiliated organizations and the Department (of Higher Education)."

The Board's staff has thoroughly reviewed corporate affiliate activities, and has discussed the detailed criticisms (Secretary of State Audit, January 11, 1979, covering the period July 1, 1975 through June 30, 1977, pages 27-28) with the institution presidents, deans and vice presidents of administration, and representatives of the affiliated organizations. The proposed amendments to the Administrative Rules and Internal Management Directives are designed to provide more visibility of the control policies and directives already in effect and to confirm the fact that the affiliated organizations engage in decisionmaking completely independent of the institution. Operationally, however, the financial support-soliciting activities of the corporate affiliate complement the broader development efforts of the institution. Indeed, that relationship should be fostered and encouraged by both groups. Each independent corporate affiliate was established for the benefit of the institution. Mutual goals are encouraged while budgetary and accounting activities of each organization--institution and corporate affiliate--remain separate and identifiable.

Specific conditions noted by the state auditors which in their judgment contributed to their conclusion that independence does not exist are quoted below. Each is followed by the Board's staff response and recommendation, where appropriate.
Audit Criticism--Page 27

The names of the affiliates may lead to the impression, (at least to the general public), that they are an operating unit within the institution, totally subject to the institution's control, for instance, University of Oregon Development Fund [name changed in 1978 to University of Oregon Foundation] and Oregon State University Foundation.

Staff Response and Recommendation

Proposed IMD's 6.401 (1), (2), (3), and 6.411 (1), (2), (3), and (4) clarify the independence of corporate affiliate decisionmaking and accounting-budgetary systems, while supporting the complementary nature of institution development office and corporate affiliate efforts to solicit support for the benefit of the institution.

The staff cannot find any justification for requesting removal of the name of the institution from the name of the corporate affiliate. The practice of incorporating the institution name in the affiliated organization's name is consistent and accepted practice throughout the United States for affiliated organizations associated with both public and private colleges and universities. It could also be argued that the inclusion of the institution name within the corporate affiliate's name provides some assurance to prospective donors that gifts will be used to support the activities of the institution. The institution administration exercises active surveillance of corporate affiliate activities, as do the heavy contributors to the affiliated organization who are most often graduates of the institution.

Audit Criticism--Page 27

The affiliated organizations rely to a significant degree on state employees to perform the functions necessary to continue their business activity (administration of fundraising projects, accounting, clerical support). PSU, OSU, UO and UOHSC employ approximately 30 individuals on a full-time basis who are state employees directly involved in the day-to-day business of the affiliated organization. In some instances, salaries are paid by the affiliate and processed through the DOHE payroll system. In other instances, salaries are paid by DOHE as a subsidy for the affiliate.

Staff Response and Recommendation

Staff recommended IMD 6.421 (1) and (2) and IMD 6.431 (1) codify previously-approved Board policy permitting institutions to contract with affiliated organizations to provide personnel for support-solicitation activities and office space. Every institution which provides such support to the affiliate organization shall execute contracts covering these services. Initial and continuing support from the General Fund constitutes a small price to pay for the broad support corporate affiliates are providing the institutions. It should be noted that the full-time institution employees would not hold positions in the affiliated organization as voting officers, directors, trustees, or members.

Audit Criticism--Page 27

Subsidies are not clearly and specifically identified in the operating budgets and accounting records of the institution as required by administrative rules. Current subsidies, which are allowed, "to a limited and reasonable degree" are generally included in more than one budget account, often commingled with other types of costs.
Staff Response and Recommendation

This is a legitimate criticism. The Controller and Budget Divisions are preparing standard procedures which institutions shall follow to assure that each type of institution support is clearly identified, and subsequent transactions provide an easily followed audit trail.

Audit Criticism--Page 27

On campus, office space is provided to the affiliated organizations (generally rent free).

Staff Response and Recommendation

Existing IMD 6.051 (3) enables an institution to provide support for the operation of affiliated organizations. Proposed IMD 6.421 broadens the support to include free rent for a reasonable amount of office space.

Audit Criticism--Page 28

Accounting services may be provided by the affiliate for functions which are more properly accounted for by the department. An example of this occurring was noted at the UO. Professional seminars are offered to the general public under the auspices of the School of Business Administration. Due to procedural changes being considered by the Controller's office, it has been decided to have this activity accounted for on the affiliate's accounting records rather than the Departments. The primary reason for this change is so the faculty can retain this source of funds rather than comply with the proposed accounting changes which will require moneys available at fiscal year end to be transferred and become available for other purposes.

An accommodation of this type by the affiliate does not appear consistent with its primary purpose, which is to "encourage gifts for the benefit of the institution (BOHE minutes, May 22, 1973). The fees earned by the UO from this activity are for instructional services offered, not gifts, and as such this practice appears to be a means of circumventing accounting changes recommended by the Controller's office.

Staff Response and Recommendation

The seminars and accounting services described by the state auditors never materialized. They were discussed by the University of Oregon administration and College of Business Administration officials, but the idea was discarded, following a review and recommendation by the University Director of Business Affairs.

Audit Criticism--Page 28

The affiliates, at UO and OSU, have accommodated the institutions by paying for otherwise unauthorized expenses of the Athletic Department (liquor and gratuities). The affiliates deposit moneys with the university for this purpose. The moneys are recorded in Agency Funds on the Department's records thus the university acts as agent for the affiliates in this matter. This procedure was approved as being legally proper by the Department's legal counsel.
Meeting #459

October 26, 1979

Staff Response and Recommendation

Proposed IMD 6.401 (2) recognizes that the corporate affiliate engages in certain development activities which are inappropriate for the institution to perform. These include funding the cost of gratuities and alcoholic beverages served at development and other promotional type meetings. Because it is inconvenient and inefficient for a vendor to submit separate billings to the institution and corporate affiliate covering the appropriate services to be paid for by each, the Assistant Attorney General assigned to the Department of Higher Education approved the practice of establishing an agency account to which the corporate affiliate makes a direct contribution. This account is drawn upon by the institution to fund those portions of the vendor billings which cannot be funded from state appropriated money. The vendor is sent a single check for the total cost of the service. The procedure is efficient. It also saves money for the vendor, corporate affiliate, and institution. It leaves an easily identified audit trail. The Department of Higher Education has not been presented with a rationale for changing the procedure.

The Board's staff welcomes Committee suggestions for changing current procedures or for improving the staff responses and recommendations which will be presented to the Secretary of State auditors.

Proposed Exchange of Land with Automobile Club of Oregon, PSU

Staff Recommendation to the Board

It was recommended that the President and Secretary of the Board be authorized to execute a deed to the Automobile Club of Oregon to transfer title to Lots 3 and 4 of Block 188, Portland Addition, in exchange for title to Lots 3 and 4 of Block 203, Portland Addition, subject to the following conditions:

a. Release by the Portland Development Commission of deed restrictions applicable to the property in Block 188 which the Board acquired in 1969 and 1970 under the Urban Renewal program benefitting Portland State University;

b. Evidence through one or more appraisals by independent fee appraisers that the value of the property to be received in the exchange is equal to or greater than the value of the property being relinquished;

c. Reimbursement or direct payment by the Automobile Club of Oregon of all costs relating to the exchange, including (but not limited to) the appraisal costs and up to $2,000 for the erection of fencing and screening of an area within Block 270 where activities being displaced from Block 188 would be relocated;

d. Approval by the City of Portland of an application for the continued conditional use of the property being acquired within Block 203 for surface parking outside of the level of 2,292 spaces previously authorized for Portland State University.

It was further recommended that Lots 3 and 4 of Block 188 be excluded from the campus boundaries of Portland State University.

Board Discussion and Action

Mr. Hunderup explained that it was not anticipated that the quarter block north of Market Street would be brought into the campus boundaries because there has been a long relationship and understanding with the City of Portland that the campus boundaries would not extend beyond the Clay-Market Street connector. Clearance would be sought from the City of Portland for continued use for surface parking of the quarter block that the Automobile Club of Oregon now owns, pending a further determination of a possible exchange of that land for other land which would be of greater benefit to Portland State University.

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Mr. Batiste suggested that it would be advisable to seek a right of first refusal on the property being made available to the Automobile Club of Oregon.

Mr. Robert Nepper, General Manager of the Automobile Club of Oregon, said this would be agreeable.

Mr. Wyss said he was concerned whether, with the change of ownership, it would be possible to continue to use the exchanged property as a parking area. He asked if it would be possible to get an indication from the City of Portland before the trade was completed.

Mr. Hunderup said the conditional use must be renewed with a change of ownership and so there was a possibility that the parking use could be denied. However, he said there was no basis to assume that it would not be granted.

President Blumel also expressed concern and asked if it would be possible for the sale to be subject to the ability of Portland State University to get the parking use approved.

Mr. Nepper had no objections and agreed that it was good business practice to stipulate conditions that fulfill all of the Board's needs before disposing of property.

The Board approved the Committee recommendation as presented, with the following voting in favor: Directors Anderson, Batiste, Carpenter, Green, Harms, Ingalls, Thorp, Warner-Yasuda, Wyss, and Perry. Those voting no: None.

Staff Report to the Board

For some time, officials of Portland State University and members of the Board's staff have held discussions with representatives of the Automobile Club of Oregon concerning the Club's interest in acquiring the southeast corner of Block 188, Portland Addition, now owned by the Board. It is located at the corner of S. W. Sixth Avenue and S. W. Mill Street, directly north of the University Services Building and is used for Physical Plant vehicle storage and the storage of bulk building materials and equipment. It is the only portion of Block 188 not owned by the Club and is needed to accommodate the expansion of the office facilities which were constructed following the purchase of the north part of the block from the Board in 1954.

The Board acquired Lots 3 and 4 of Block 188 from the Portland Development Commission through the Urban Renewal program (ORE-18) in 1969 and 1970 at a cost of $90,099. The purchase was financed from proceeds from the sale of Article XI-G bonds which the Legislature had authorized for land acquisitions and related costs. In view of the circumstances, the deed contains a restriction requiring the use of the property by the Board for educational purposes in accordance with the Urban Renewal plan. Informally, City officials have indicated to administrative personnel of Portland State University that this restriction can be waived upon application by the Board inasmuch as the federal government did not retain an interest in the property.

During the initial discussions with representatives of the Automobile Club of Oregon regarding their interest in obtaining title to Lots 3 and 4 of Block 188, it was suggested that they attempt to acquire other property, preferably in an area adjacent to the southeast campus boundary, which might be exchanged at no cost to the Board. Their efforts were unsuccessful and they did not concur in the suggestion that they limit their interest to air rights over these lots so that the Board could continue to own and use the grade level of the property for institutional purposes. The Club has submitted a proposal to the University requesting Board approval for the exchange of title to Lots 3 and 4 in Block 203, which the Club owns immediately north.
of Lincoln Hall at the corner of S. W. Market Street and S. W. Broadway, for title to the same two lots in Block 188. The trade would be made without cost to the State, and the Club would provide reimbursement to the University for the erection and screening on Block 270 (west of the Park Blocks) of a replacement area for the storage of Physical Plant equipment and materials displaced from the present site north of the Services Building. Preliminary estimates of the values of the properties to be exchanged indicate that there would be no difficulty in complying with the statutory requirement in ORS Chapter 271 that the value of real property accepted shall not be less than the value of property relinquished. Arrangements for an independent appraisal of each of the properties involved in the exchange would be made by the Club with the understanding that the selection of the fee appraiser would be approved on behalf of the Board.

Block 203 is outside the campus boundaries of Portland State University, and the long-range development plan recently approved for the institution does not contemplate a northward expansion. President Blumel has advised that he would expect that if the exchange is approved, as recommended, the quarter block north of Lincoln Hall would continue to be used for surface parking for an indefinite period. At some future time, it may be exchanged for property to the south and east of the campus boundary if such an opportunity becomes available.

In response to concerns expressed by the Board's staff regarding the provisions of ORS 271.310(3) that property received in exchange be "of equal or superior useful value for public use", institutional officials have reviewed the effect on the change in location of the Physical Plant storage site and have expressed the opinion that some inconvenience would be involved, but only minor. President Blumel has stated that "Given our unique location in the downtown Portland area, we have sought to be sensitive to the needs of the organizations and establishments which surround us and to accommodate to their needs wherever it is possible to do so without impairing the operations of the University. I am persuaded that this is such an instance and that the Automobile Club of Oregon has exhausted the possibilities of other exchanges which would be acceptable to the University. It is my recommendation that the proposal of the Automobile Club of Oregon be accepted, and that the transfer of properties be carried out in an expeditious manner."

Request for Authorization To Offer Option in Manufacturing Engineering Within BA/BS Degree Program in Industrial Engineering, OSU

(Considered by Committee on Instruction, Research, and Public Service Programs, September 14, 1979; present—Carpenter, Anderson, Green, Harms, Warner-Yasuda, and Wyss.)

Staff Recommendation to the Committee

The Board's Office recommended that the Board authorize Oregon State University to offer a cooperative work-study program in manufacturing engineering as an option in its baccalaureate degree program in industrial engineering, effective with the spring term, 1979-80.

Discussion and Recommendation by the Committee

In presenting the Board's Office recommendations, Dr. Romney noted that the proposed program represents an outstanding example of a high level of cooperation between a professional school (Engineering) and the profession it serves. The collaboration of major industrial establishments with the Oregon State University School of Engineering in the planning of the program, funding of the program, offering to students of internship opportunities, and advising in the continuing development and operation of the program is exemplary.

Mr. Wyss commented that there is in this proposal implied criticism that our engineering programs are not practical enough from the point of view of businessmen such as those who are collaborating in development of the proposed program. Perhaps it is that business wants higher education to pay for the kind of training that business would prefer not to have to
provide themselves. In the proposed program there is a good deal of practical experience, Mr. Wyss noted. What is that practical experience (internships) replacing? he asked. Are we losing something on the theoretical side?

Dean Burgess said not. The proposed program is a five-year program. There was simply no way in which the proposed program could combine the necessary theoretical preparation and practical experience essential to expertise in manufacturing engineering without going to a five-year program.

The Committee recommended that the Board approve the staff recommendation as presented.

Board Discussion and Action

The Board approved the Committee recommendation as presented, with the following voting in favor: Directors Batiste, Carpenter, Green, Ingalls, Thorp, Warner-Yasuda, Wyss, and Perry. Those voting no: None.

Staff Report to the Committee

Oregon State University requests authorization to expand its accredited baccalaureate degree program in industrial engineering to give students the opportunity to complete a cooperative work-study option in manufacturing engineering. The manufacturing engineering cooperative program (MECOP) option has been developed as a part of an increased recognition, nationally, of a need for practically oriented educational programs to prepare engineers for careers in manufacturing industries, and in direct response to a request from Northwest industry that a program of this nature be developed at Oregon State University.

Five companies involved in the planning phase of the program--Tektronix, Freightliner, Bingham-Willamette, Boeing of Portland, and Weyerhaeuser--have pledged financial support covering salary and expenses of the program coordinator, provision of student internship positions, and participation in the program as members of an advisory board. Two more companies will be added, if the program is approved, to make a MECOP Advisory Board membership of seven corporations with plants in Oregon.

Approval of the program at the October, 1979 meeting of the Board would permit Oregon State University to employ a program coordinator, who would solicit and process applications for a small group of advanced students who could transfer into the program and begin their cooperative internships in April 1980.

The complete statement of the Oregon State University proposal, Request of Oregon State University For Authorization To Offer An Option In Manufacturing Engineering Within The BA/BS Degree Program In Industrial Engineering, September 14, 1979, is on file in the Board's Office.

For the next several years, the manufacturing engineering program at Oregon State University would be offered by the department of industrial and general engineering as an option of the department's accredited BA/BS degree program in industrial engineering. After graduates complete the program, the institution would plan to seek accreditation of the program by the Engineers Council for Professional Development as a separate curriculum within the department. The program as planned meets accreditation requirements.

Nature of the Proposed Program

The proposed program is the four-year program in industrial engineering, with some modification of required course work during the junior and senior years, PLUS
17 credit hours of new course work
  3 hrs. each.
IE 407A,B,C,D,E. Seminar. 1 hour each.
IE 431. Manufacturing Engineering Design. 3 hours.

2 six-month cooperative internships
  spring and summer of third year
  spring and summer of fourth year

The program will require 13 terms of work on campus, completed according to the following schedule:

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<th>Fall</th>
<th>Winter</th>
<th>Spring/Summer</th>
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<tbody>
<tr>
<td>First Year</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Second Year</td>
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<td>x</td>
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The first year's program is general engineering, similar to that taken by all other engineering students. The second year's program is the second year of industrial engineering with the addition spring term of IE 231 Materials and Mechanics of Manufacturing, the first course of a three-course series to acquaint students with basic industrial processes before they intern in industry. The third, fourth, and fifth year combine a modified curriculum in industrial engineering, internship experiences, and campus-based course work and seminars developed for the MECOP program.

The Internship. The two six-month internships are an integral part of the proposed program. All students admitted to the program will gain practical experience working in two of the firms participating in the program. They will not receive academic credit for this experience, but will receive a salary commensurate with their experience and the duties assigned them. The internship experiences will be carefully designed to provide appropriate learning opportunities. Each internship will be subject to two appraisal conferences, one at mid-point and one at conclusion of the internship period, to evaluate the performance of both the student and MECOP at the sponsoring firm.

One overriding advantage of the internship program is that it will expose students to modern industrial facilities which could be provided and maintained in laboratory form on campus only at great expense to the state.

Admission to Program. The number of students who can be admitted to the program is limited by the number of cooperative internship experiences which can be provided and monitored each year, and the ability of OSU to staff the required campus instruction:

At least initially, the participating companies are willing to commit themselves to approximately 40 internship positions a year, 20 third-year and 20 fourth-year internship positions.

Forty interns are about the maximum number a coordinator can handle.

OSU has staff and laboratory space to teach only one 20-25 student section of the manufacturing engineering courses each term.
Because of these limitations, enrollment in the program will be restricted to
about 80 students with some 20 students admitted to program each year.
Admission to the program will be open to any student who has satisfactorily
completed one year of approved engineering studies at Oregon State or an
institution offering an engineering curriculum transferable to Oregon State.
Information concerning the program and instructions for making application
will be widely publicized during the spring term of each year, and will be
included in the State System's Transfer Program booklet, 2,000 copies of
which are distributed annually to the community colleges, high school coun-
selors, and State System institutions to facilitate planning of transfer programs.
Since part of the selection process includes student interviews with OSU
faculty and members of the MECOP Advisory Board, comprised of representa-
tives from companies offering internship positions, special arrangements
will be made for otherwise qualified applicants from transfer institutions to
complete their applications. Should there be more qualified applicants than
can be admitted to the program, the most promising applicants will be
selected. (Identification of qualified applicants and selection of those to be
admitted to the program will be conducted in compliance with requirements
of the Board forbidding denial of admission on a prohibited basis [OAR
580-15-026].)

The program will provide another career option for engineering graduates.
Students entering the program will come from the pool of first-year freshman
engineering students at Oregon State University and institutions transferring
students to Oregon State University. It is not expected that the program
will attract students who do not already have a commitment to engineering.
The program is likely to attract some students from better known engineering
specialties who had not previously considered industrial or manufacturing
engineering as a career field.

Need for the Program

Implementation of the proposed program will enable Oregon State University
to provide engineers for a major segment of Oregon industry not served by
existing programs in the Northwest. Opportunities for employment should
be excellent. Industry's need for the program is evidenced by its willing-
ness to provide 40 6-month paid internship positions each year for the
students enrolled in the program, and salary, travel, and other services
expenses for the internship coordinator.

Resources to Offer Program Internships

The MECOP program is possible because of the commitment of Oregon Industry.
Industry has pledged to provide a minimum of 40 internship positions each
year, to participate in the program through the MECOP Advisory Board,
and to fund the MECOP coordinator position and related expenses with an
annual contribution of approximately $20,000.

Faculty. The MECOP coordinator position would be a new 12-month, fixed-
term position, half-time during the academic year and full-time during the
summer. Candidates for the position would be expected to have a bachelor's
degree in engineering or closely related field, industrial experience in
manufacturing, and preferably to have, or to be working toward, a master's
degree in industrial engineering. The coordinator would teach one or more
courses in manufacturing engineering, serve as adviser to students in the
MECOP option, coordinate activities, including the internship program
involving the participating corporations and the department of industrial
and general engineering, and act as secretary for the MECOP Advisory
Board.

The four new courses and laboratory exercises required for the manufacturing
engineering option will be designed in cooperation with participating companies
by Dr. James L. Riggs, professor and department head of industrial and
general engineering, and Associate Professor Lloyd M. Frazier, manager of
the school of engineering instructional shops, using resources made possible by a National Science Foundation local course improvement grant of $24,611. If the program is approved, Dr. Frazier's assignments will be reorganized to permit him to teach MECOP courses.

Dr. Eugene F. Fichter, assistant professor in the department, is qualified to teach course work in computer-aided manufacturing. He would like to develop additional course work in this field which would be available to both MECOP students and students in other engineering specialties.

Administrative and Support Staff. Since implementation of the MECOP program is not expected to increase the total number of students enrolled in the school of engineering, it will not require additional administrative and support staff.

Library. The engineering library collection is considered adequate for the proposed option. The four new courses required are process and plant oriented and do not require extensive library reference material. Films, catalogs, and other laboratory materials to be used in the courses are available in the instructional shops or will be obtained by donation from industry.

Budgetary Impact. For reasons identified earlier, there will be no additional cost to the budget of the school of engineering by reason of implementation of the MECOP program. Salary, supplies, and services (mostly travel) for the MECOP coordinator will be provided through contributions from cooperating industries. These costs are estimated for the first four years of the program's operation as shown.

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<th>Third Year</th>
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<tr>
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<td>7,000</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$19,000</td>
<td>$20,000</td>
<td>$22,000</td>
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Intersegmental Impact

Internship, cooperative field experience, and work-study programs are a fairly common educational device to permit students to supplement their formal studies with paid on-the-job experience.

The MECOP program will be the only cooperative work program in Oregon in the field of manufacturing engineering, and the internship experiences will be carefully designed to contribute to the development of manufacturing engineers. There is no reason to believe that industry involvement in an educational program to prepare persons for employment in the specialized area of manufacturing engineering will detract in any way from industry cooperation with the community colleges, Oregon Institute of Technology, and independent colleges, universities, and technical schools in cooperative work programs in other areas of engineering and the engineering technologies.

The University of Portland is the only institution in the state other than OSU offering program specialization in the field of industrial engineering. University of Portland President Raphael Wilson has reviewed the proposed MECOP program and states, in a letter dated July 16, 1979, "It appears to be a very good program and we do not anticipate any unfavorable impact on the University of Portland."
Meeting #459
	(Considered by Committee on Instruction, Research, and Public Service Programs, September 14, 1979; present--Carpenter, Anderson, Green, Harms, Warner-Yasuda, and Wyss.)

Request For Authorization To Offer A New Program of Instruction Leading To BA in International Studies, UO

Staff Recommendation to the Committee

The Board's Office recommended that the Board authorize the University of Oregon to offer an undergraduate interdisciplinary program of study in the liberal arts leading to the bachelor of arts in international studies, effective 1980-81.

Discussion and Recommendation by the Committee

Dean Baldwin of the College of Arts and Sciences said that the proposed program draws upon the expertise of faculties in the College of Arts and Sciences and in the professional schools and colleges of the University. The degree program will be housed in the College of Arts and Sciences, but it will be guided and supported by a University-based committee involving faculty from throughout the University. Describing the faculty involved, Dean Baldwin said that all are departmentally-based and have established records as teachers and scholars in long-recognized disciplines. They generally have extensive foreign experience and knowledge of other cultures and other peoples.

No new department and no new discipline is being established in support of the program. The resources and course offerings necessary to the proposed program are already in being. All funds necessary to the offering of the program will be secured through reallocation of existing resources.

Mr. Wyss observed that the proposed program includes a great many areas of potentially demanding study, but that he was somewhat concerned at the great diversity that seems to characterize the program. For, although the program includes a great many areas of potentially demanding study, such as foreign languages, the program appears to lend itself to a general studies approach in contrast to the seemingly more demanding requirements of the traditional disciplines. Who or what will assure that there is rigor to the program and that students have a cohesive thread and a rigorous learning experience in the program? Dean Baldwin responded that this had been a matter of vigorous faculty and student debate as the program was developed. In the course of the debate, the faculty established the requirement that the student develop language competency equivalent to that attained by three years of study. The real assurance of the rigor of the program will come from (1) the careful selection of students and the careful planning of the individual student programs by faculty advisers and students; (2) the annual scrutiny of experience with the program by the program director, the interdisciplinary committee that is being charged with management of the program, and the Dean of the College of Arts and Sciences; and finally (3) the examination of the program by the University-wide curriculum committee at the end of the first three-year period, with a report to be made to the faculty. The foregoing provisions are all included in the program proposal and reflect the concern of the University of Oregon faculty that the program be maintained on an academically sound basis.

Mrs. Green expressed concern at the declining interest nationally in the study of foreign languages. In the 1960's there was great interest in educational circles in foreign languages, but that interest has waned materially in recent years, she noted. She asked whether the University had considered the alternative of limiting the proposed program to a certain area of the world, thus permitting the focusing of the program in areas in which the University has the strongest faculty. Dean Baldwin responded that the University does have long-standing programs focusing on limited areas of the world and cited as illustrative the Asian Studies program leading to a master's degree, and the Latin American Studies program. The proposed
international studies program would build on this experience. He noted that while it is anticipated that the program would be launched with 15 selected students, the University anticipates that the number will grow rather rapidly to as many as 100 students.

Mrs. Carpenter observed that the University already offers an interdisciplinary master's program in international studies.

Mrs. Warner-Yasuda expressed great interest in the program and said that she felt that it was a program needed at the University and one which would be attractive to students. She said, however, that she had found nothing listed in the program under ethnic studies. Her experience in teaching English as a second language in Japan had sensitized her to the usefulness of incorporating in such a program some courses in ethnic studies, for persons in other lands are much interested in the ethnic problems and ethnic achievements of the United States.

Dean Baldwin acknowledged that this might have merit and asserted that the leading ethnic studies faculty personality happens to be studying in Germany this year on a Fulbright grant, but that upon his return, Mrs. Warner-Yasuda's suggestion will be reviewed with him.

The Committee recommended that the Board approve the staff recommendation as presented.

Board Discussion and Action

The Board approved the Committee recommendation as presented, with the following voting in favor: Directors Batiste, Carpenter, Green, Ingalls, Thorp, Warner-Yasuda, Wyss, and Perry. Those voting no: None.

Staff Report to the Committee

The complete University proposal is on file in the Board's Office.

Despite the multitude of opportunities for students in State System and other universities and colleges in the United States to learn about other lands and peoples, declining numbers of students acquiring an in-depth understanding of peoples and cultures other than their own, including even modest proficiency in a foreign language, has become a matter of national concern.

Part of the problem, of course, is that fluency in a foreign language and/or knowledge of a people or geographic area of the world is most usually an auxiliary consideration in the employment market.

The University of Oregon faculty has for some time been concerned about the problem of effective curricular planning of international education. The proposed interdisciplinary baccalaureate degree program in international studies is the result of these deliberations.

Nature of the Program

The proposed major in international studies consists of a minimum of 45 credit hours of study distributed among three interdisciplinary clusters of courses, as follows:

<table>
<thead>
<tr>
<th>Cluster</th>
<th>Minimum Cr. Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. International relations among nation states</td>
<td>18</td>
</tr>
<tr>
<td>2. Regional cultures and areas</td>
<td>9-15</td>
</tr>
<tr>
<td>3. Global perspectives and issues</td>
<td>9-15</td>
</tr>
</tbody>
</table>

Total required for major: 45
In addition, language study to attain proficiency level of three years college study is required. Study abroad in one of the State System overseas study centers would be recommended but not required. Double majors, in international studies and a liberal arts or professional school program, will be encouraged.

Program Administration and Evaluation. The program will be administered in the college of liberal arts by a committee on international studies, made up of representatives of participating departments and professional schools. The committee will monitor the program and, through the program director, submit an annual report on the program's progress. Development of the program will also be reviewed periodically by the vice-president for academic affairs. After the close of the third year of operation, when the program is expected to have approximately 75 enrollees and some 20 graduates, the University curriculum committee will review the program and submit a report with whatever recommendations it deems appropriate to the University faculty assembly.

Admission to the Program. The University plans to start the program modestly, with perhaps 15 students, and expand gradually on the basis of experience. Students seeking admission to the program will submit a proposed program of study to the committee on international studies. Criteria for selection will include scholastic ability and promise, clarity of stated academic and professional goals, and quality of the student's proposed program. Since the University considers the program somewhat experimental, effort will be made to select students who represent a diversity of disciplinary concentrations and professional school specialties.

Most of the students admitted to the program are expected to be already enrolled at the University. However, availability of the program may attract some students to the University who would not otherwise have attended. If the program is successful, it is expected that it may reach a total enrollment of approximately 100 students, 50 of whom would graduate each year.

Resources To Offer Program

Faculty. The University has identified 39 faculty currently on the staff who, by reason of special expertise, experience, or personal background are interested in participating in the program.

Administration. One of the members of the University faculty will be assigned to the program one-half time as program director. The program will also be assigned a .50 FTE clerical position.

Courses. The program will utilize existing courses offered by the participating schools and departments.

Library. The library resources developed in support of the participating disciplines and professional programs is adequate for the proposed undergraduate interdisciplinary program. The University already offers an interdisciplinary master's degree program in international studies.

Facilities and Equipment. No specialized facilities and equipment are needed.

Overseas Study Programs. The program will encourage students to undertake overseas study in one of the programs or centers administered by the State System.

Foreign Students. The University enrolls approximately 850 foreign students each year. A number of these students have expressed an interest in the proposed program as possibly providing background for employment in their home governments.
Resources Not Available at the University of Oregon

Students interested in developing programs requiring resources not available at the University of Oregon would be admitted to the program only if they could arrange to complete the required specialized work at some other institution. For example, students interested in middle East studies would need to complete course work in this area at Portland State University; work related to international agriculture, forestry, or similar areas of specialization is available only at Oregon State University.

Need for the Program

Need for the proposed program comes from a convergence of a number of situations, among which are the following:

Americans, including students, are becoming increasingly aware of our nation's global interdependence.

Grappling with the realities of this interdependence is going to take far greater effort than Americans are now making to become knowledgeable in the languages, cultures, and histories of the other nations of the world.

The Oregon economy and the economy of the nation as a whole is increasingly dependent on international trade, resulting in an increasing number of jobs in which professional competence in an international area is an asset.

Federal funding of international and area studies programs has declined at a time when international sections of government, business and financial organizations, and philanthropic agencies have begun to recognize the value of employees with international competence.

Recent employment experience of the University of Oregon graduates indicates that (1) opportunities for employment in the international field exist, (2) most of these opportunities require preparation at the master's degree level, (3) the combination of business and public administration with a liberal arts background such as would be provided in the proposed major is widely sought by government, business, and international agencies, and (4) for best placement the proposed program should be completed in conjunction with or prior to study in professional fields such as law, business, public affairs and administration, education, journalism, and communications.

The University of Oregon has resources in its various schools and departments to offer an outstanding undergraduate interdisciplinary program in international studies.

Budgetary Impact

The budget for the program, consisting of an allotment to cover .50 FTE program director, .50 FTE support personnel, and $2,500 per year for supplies and services, will come through reallocation of funds and personnel within the budget of the College of Liberal Arts.

Impact on Other Institutions

Students across the country are showing a new and commendable interest in international studies. And faculties, many of them carefully built up to include persons with an international background, are eager to respond. This response does not require a degree program. Oregon State University, for example, has many international interests and ties and graduates in internationally related jobs all over the world. Portland State University, too, has a long-standing interest in international education, and offers
through its office of international education a variety of programs which
seek to combine traditional liberal arts education with opportunities to focus
on questions of international concern and study of cultural patterns of
civilizations other than our own. The independent colleges and universities
in Oregon offer some outstanding foreign study opportunities; Lewis and
Clark offers a baccalaureate degree program in international affairs. The
community colleges are also interested in international studies as an aspect
of a liberal education; one, Mt. Hood Community College, has received a
$85,000 federal grant to improve its internationally oriented instruction.

In view of the number of excellent programs in international education in
Oregon, and the reputation the University of Oregon already enjoys in this
area, there is no reason to believe identification of a formally structured
and titled interdisciplinary program at the University of Oregon will materially
affect the enrollment at the University or any other institution. What the
program will do is identify, for students already enrolled in the institution,
an interdisciplinary pattern of work which may be more useful in furthering
their career aspirations than programs they can work out within disciplinary
bounds.

The Board’s Office has been informed that Eastern Oregon State College and
Oregon College of Education will be requesting Board authorization of inter-
disciplinary baccalaureate degree programs in international studies sometime
during the next year. Southern Oregon State College is reviewing its
resources in this area to determine whether it wishes to request a similar
program.

The Board’s Office has assured these institutions that it may be assumed
that the Board’s Committee will consider on their merits such requests as
may be forthcoming, in accordance with Board policies pertaining to inter-
disciplinary programs in the liberal arts.

(Considered by Committee on Finance, Administration, and Physical
Plant, September 14, 1979; present—Ingalls, Ater, Batiste, Perry, and Thorp.)

Staff Recommendation to the Committee

It was recommended that the schematic design phase of planning which Campbell
Yost Grube Professional Corporation, Architects, have completed for the pro-
posed Professional Schools Building Phase II at Portland State University be
approved and that the appropriate Board officials be authorized to instruct
the architects and their consultants to proceed with the design development
phase of planning based upon a direct construction cost allowance of $3,403,050
(Although the funding of this project was not approved by the 1979 Legis-
lature, members of the Joint Committee on Ways and Means indicated that
they expect the Board to include it in a very high priority position in the capital
construction requests for the next biennium. Consequently, the
staff recommended that the planning for it and for the proposed School of
Architecture & Allied Arts Addition and Alterations project at the University
of Oregon progress through the normal stages in the months ahead so that
construction bids can be solicited at the earliest practical time following
legislative authorization.)

The funds required for planning would be advanced from the Board’s reserve
for architectural/engineering planning pending legislative authorization for
construction.

Discussion and Recommendation by the Committee

The Committee recommended that the Board approve the staff recommen-
dation as presented.
Board Discussion and Action

The Board approved the Committee recommendation as presented, with the following voting in favor: Directors Batiste, Carpenter, Green, Ingalls, Thorp, Warner-Yasuda, Wyss, and Perry. Those voting no: None.

Staff Report to the Committee

On April 28, 1978, the Board approved the schematic design phase of planning for the initial (Education) unit of the proposed Professional Schools Building at Portland State University and also approved the conceptual studies which the project architects, Campbell Yost Grube Professional Corporation, had prepared for Phases II and III. The first portion of the building is now under construction within the southwest quarter of the block directly east of the Smith Memorial Center, and a report of the bids and contract awards for it was presented to the Board in the docket of the July 27, 1979, meeting.

Consistent with the earlier conceptual studies, Phase II would be sited east of and connected to the service core within Phase I. It would be assigned principally to the School of Business Administration. Because of modifications made to stay within the resources made available for Phase I, such as to reduce the height of that unit from six to five floors, some related revisions in the earlier concepts for Phase II have been made also. The most significant change is the elimination of the seventh floor to achieve symmetry with Phase I; but some expansion of the areas on each of the remaining six levels has been achieved to maintain most of the gross area contemplated originally. As revised, a total of 43,150 square feet would be provided in this unit. Five of the floor levels would be allocated to the School of Business Administration, with special and general purpose facilities located on the two lower levels, and administrative and faculty office spaces located on the third through fifth levels. The sixth floor would provide additional offices for the School of Education faculty. These spaces were deferred from the Phase I development. Entrances would be available at grade level at the central circulation core and near S. W. Sixth Avenue at the north edge of the building. Mid-level access would occur from the Harrison Street overpass extension being provided in the Phase I project, and from a planned interim extension of the Montgomery Street overpass. The work within Phase II also would include, if possible, the completion of alternate restrooms deferred initially, a second elevator, and additional exterior work, including some brick veneer and site landscaping, affecting both of the building elements. The outline specifications for the addition correspond to those of the first portion of the building (e.g., anodized aluminum cladding over structural steel studding on a reinforced concrete structure, etc.) and careful consideration will be given to energy conservation measures in the project design. Utility services for heating and cooling will be obtained from the East Central Plant within the basement of Cramer Hall, and electricity will come from an on-site transformer provided in Phase I.

As indexed to the price level expected in January 1980, the estimated direct construction costs total $3,403,050, or about $78.87 per square foot. These amounts reflect increases of approximately ten percent over the amounts reflected in the budget presented to the 1979 Legislature, but recognize the experience gained in bidding Phase I, including the adjustments required in order to make a contract award possible for that unit. The estimated total project cost for Phase II, also based upon the January 1980 price level, is $4,000,000, or $380,000 more than the budget of $3,620,000 drafted more than a year ago. Further adjustments are likely to be required (for price escalation) prior to the formulation of the 1981-1983 capital construction program.
RECAPITULATION UPON COMPLETION OF SCHEMATIC DESIGN PHASE OF PLANNING

Project - PSU Professional Schools Building, Phase II
Architects - Campbell Yost Grube Professional Corporation, Portland
Board’s priority - No. 9 in 1979-1981 (Educational and General Plant)
Legislative authorization - Not obtained in 1979; to be requested in 1981
Estimated total project costs $4,000,000
Estimated gross area - 43,150 square feet
Estimated direct construction costs:
  Total $3,403,050
  Average (per square foot) - $78.87
Tentative schedule:
  Bidding - Spring 1981
  Completion - Fall 1982
Tentative financing plan:
  General Fund appropriation $2,000,000
  Article XI-G bonds $4,000,000

Acceptance and Naming of John F. Moehl Stadium, OIT

It was recommended that the Board accept the new stadium which was constructed as a joint effort by the Oregon Tech Development Foundation and the OIT Boosters Club with appropriate acknowledgement to both organizations for the many donations of cash, materials, equipment and services which made it possible. It is also recommended that the new facility be named the "John F. Moehl Stadium" in honor of the late Mr. Moehl who was an active, contributing member of the Klamath Falls community and a staunch friend of Oregon Institute of Technology.

Board Discussion and Action

The Board approved the Committee recommendation as presented, with the following voting in favor: Directors Batiste, Carpenter, Green, Ingalls, Thorp, Warner-Yasuda, Wyss, and Perry. Those voting no: None.

Staff Recommendation to the Board

Under the sponsorship of two groups which provide support to Oregon Institute of Technology, namely the Oregon Tech Development Foundation and the OIT Boosters Club, a new athletic stadium has been constructed on the campus in Klamath Falls north of and in close proximity to the Physical Education Building. Construction began in April 1979 with the excavation and movement of thousands of cubic yards of earth to form a natural bowl for hillside seating. Additional dirt was moved for fill to extend the length of the athletic field. Approximately $130,000 in cash has been spent on the project to date. Donations of lumber, roofing, concrete, electrical fittings, miscellaneous other materials, and labor will raise the total construction cost to approximately $300,000, according to information provided by President Light. All monies, materials and labor were donated. Architectural services were provided by The Amundson Associates, P.C., and Professor Robert Ford.

The Stadium has a seating capacity of 2,800 within a total of 47 rows on concrete piers at the north side of the athletic field. In front of the first row is a reinforced concrete wall, six feet high, supported by a large reinforced concrete footing. Forty-seven prefabricated steel beams were placed and welded from the wall along each column of piers. Footboards and seatboards were then bolted to the steel beams. Fiberglas seat covers
were placed over the seatboards to cover approximately three-fifths of the seats and the remainder of the seats will be painted. The seats within the center section have backs.

North of the grandstand, at the top of the hillside and the spectator seating area, is a press box, restroom and concession stand complex. The press box has 360 square feet of area divided into ten separate spaces for the accommodation of spotters, public address announcers, media representatives, etc. The concession stand contains about 492 square feet and the restrooms have approximately 750 square feet. These units are of wood-frame construction with exterior features similar to those of the Physical Education Building. The restrooms and concession stand are affixed to concrete bases. The press box sits on a concrete foundation, but the floor is elevated some five feet above ground level.

There is strong community and institutional support for the naming of the stadium in honor of the late John F. Moehl, former executive vice president of the Modoc Lumber Company and a highly respected citizen of Klamath Falls. He was president of the Timber Operators Council, a board member of the Chamber of Commerce, a director of the Klamath Medical Service Bureau, a member of the Civic Center Task Force, and an active participant in the Oregon Tech Development Foundation. He had served also as a member of the Klamath Falls City Council and was a senior warden of St. Paul's Episcopal Church.

Many of the larger gifts contributed to the stadium, including $30,000 from the Modoc Lumber Company, were made by the lumber industry in Oregon as a tribute or memorial to Mr. Moehl. In submitting the recommendation to name the new facility the "John F. Moehl Stadium", President Light indicated that such action "would be sincerely appreciated by the Oregon Tech Development Foundation, the OIT Boosters Club, the faculty, staff and students of OIT, and the community of Klamath Falls."

Schematic Design for Data Analysis Addition to Wilkinson Hall, OSU

(Considered by Committee on Finance, Administration, and Physical Plant, September 14, 1979; present--Ingalls, Ater, Batiste, Perry, and Thorp.)

Staff Recommendation to the Committee

It was recommended that the floor plan and perspective which Architects Jeppsen, Miller & Tobias, Corvallis, have completed for the proposed Data Analysis Addition to Wilkinson Hall at Oregon State University be accepted as the schematic design phase of planning for this project for the School of Oceanography and that the appropriate Board officials be authorized to instruct the architects to proceed with successive stages of planning, and thereafter solicit bids and award a contract for construction when gift and grant funds become available therefor. Tentatively, based upon the assumption that bids would be solicited in April 1980, it is estimated that the total project costs would be approximately $547,000, including direct construction costs of about $430,584.

Discussion and Recommendation by the Committee

The Committee recommended that the Board approve the staff recommendation as presented.

Board Discussion and Action

The Board approved the Committee recommendation as presented, with the following voting in favor: Directors Batiste, Carpenter, Green, Ingalls, Thorp, Warner-Yasuda, Wyss, and Perry. Those voting no: None.

Staff Report to the Committee

Upon the recommendation of officials of Oregon State University early in 1979, arrangements were made with Architects Jeppsen, Miller & Tobias, who have designed the various units within the Earth Sciences Complex on the
campus in Corvallis, including the major facilities for the School of Oceanography, to prepare feasibility studies, cost estimates and an illustrative floor plan for display use in connection with a proposed Data Analysis Facility of approximately 7,000 square feet to be constructed on the roof of Wilkinson Hall. This building is located at 26th and Orchard Streets and is connected to Oceanography I and II.

The School of Oceanography has experienced continuing growth since its inception in the late 1950’s. Presently, it has annual expenditures of about $7.5 million, nearly 300 staff and students, and a fleet of four vessels. More than 90% of the School’s expenditures are funded directly or indirectly from sponsored (non-state) research programs.

Although the National Science Foundation and the state funded construction of the School’s two principal buildings in the 1960’s, and institutional resources have supported the construction of six secondary laboratory buildings in the past ten years, School growth has outstripped available space. Oceanography I and II were designed to support laboratory research requiring the use of wet chemical and biological techniques; but there has been a rapid expansion of research for which data are gathered at sea and the analysis thereof is done on campus. This dry, data-analytical activity is space-intensive, and now occupies a considerable area not intended originally for its support. The wet lab capability is sorely needed for both instruction and research, and can be recovered at least cost if the data analysis work can be shifted to other suitable (and much simpler) facilities. Hence, the proposal to construct approximately 7,000 square feet of additional space on the roof of Wilkinson Hall with funds to be obtained from gifts and grants through the assistance of the Oregon State University Foundation.

The new addition would provide offices, data analysis rooms and archive space for a total of about 30 work stations. It would be composed of light frame construction surrounding the existing mechanical area, set back from the exterior walls of the main building and connected with extensions of the present stairwells and elevator. Exterior panels probably would be faced with sheet metal with a baked enamel finish, similar to the existing mechanical penthouse. The architects have provided assurance that the placement of this addition would have no adverse effect upon the potential future vertical expansion of Wilkinson Hall when the present "parked" slab is raised.

This project for Data Analysis was not included previously within the Board’s capital construction requests, but it could utilize a portion of the expenditure limitation of $1,820,000 approved in 1975 for a major Oceanography Addition to be financed exclusively from gift and grant funds. An alternative would be to treat it as a completely separate project requiring independent authorization. In either event, the approval of the State Emergency Board would be required before construction could be undertaken.

Proposed Siting, Planning, Construction and Operation of Aquaculture Support Facility at Yaquina Bay Marine Science Center, OSU

(Considered by Committee on Finance, Administration, and Physical Plant, September 14, 1979; present—Ingalls, Ater, Batiste, Perry, and Thorp.)

Staff Recommendation to the Committee

It was recommended that the President and Secretary of the Board be authorized to execute a quitclaim deed, lease amendment or other documents requested by the Port of Newport or the federal government so that approximately two acres of land immediately south of the Newport Aquaculture Laboratory at the Yaquina Bay Marine Science Center of Oregon State University can be provided to the federal government as the site of a proposed Aquaculture Support Facility for which federal funds are expected to be appropriated to the National Oceanic and Atmospheric Administration.
It was also recommended that appropriate Board officials be authorized to execute and implement the provisions of such agreements as may be required or desired by the federal government for the planning and construction of the proposed Aquaculture Support Facility within a project budget of approximately $2,750,000, and for the maintenance and operation thereof within annual operating budget appropriations also provided by the federal government.

Discussion and Recommendation by the Committee

The Committee recommended that the Board approve the staff recommendations as presented.

Board Discussion and Action

The Board approved the Committee recommendation as presented, with the following voting in favor: Directors Bariste, Carpenter, Green, Ingalls, Thorp, Warner-Yasuda, Wyss, and Perry. Those voting no: None.

Staff Report to the Committee

Based upon informal advice from Senator Hatfield's office that a conference committee of the Congress has recommended an appropriation of $2,750,000 during the fiscal year ending September 30, 1979, for the planning, constructing, and equipping of additional research space adjacent to the Newport Aquaculture Laboratory now under construction at the Yaquina Bay Marine Science Center, officials of Oregon State University have indicated the probability that the National Marine Fisheries Service of the National Oceanic and Atmospheric Administration will wish to follow procedures for the accomplishment of this project in a manner identical or very similar to those applicable to the Newport Aquaculture Laboratory. In that instance, pursuant to Board authorization on December 16, 1977, a quitclaim deed was executed to release any interest in the laboratory site which the Board had acquired previously in its lease of land from the Port of Newport so that the Port could transfer title to the federal government. Arrangements were also made for the selection and appointment of Architects Hewlett, Jamison, Atkinson & Luey, Portland (who had designed other facilities at the Marine Science Center) to prepare drawings and specifications for the work and to provide contract administration. Bids were solicited and a contract award was made in the usual manner by the Board's staff under provisions of the agreement with the federal agency. A report of the bids and contract award was made to the Board in the docket of the September 28, 1978, meeting.

The proposed Aquaculture Support Facility would provide a gross area of about 30,000 square feet for offices, laboratories for instrumentation development, testing, calibration and staging, and for data reduction, processing, analysis, publication and reference collections. It would provide accommodations for about 60 staff persons initially but would be adequate to handle approximately twice that number in the future as required for the growth of aquaculture projects. It would complement other research areas at the Center and provide support to various fields such as estuarine environments, off-shore environments and population dynamics. According to information furnished by the staff in the School of Oceanography at Oregon State University, the construction of the new Aquaculture Support Facility would not require changes in existing permits or approvals for seawater intake screening (NOAA), seawater discharge (EPA/DEQ), and structures in waterways (Corps of Engineers). They have indicated further that the project would be compatible with the land-use planning goals and zoning ordinances of the State of Oregon, Lincoln County, the City of Newport, the Port of Newport, and the Yaquina Bay Marine Science Center.

Following completion of the construction, it is expected that contract arrangements would be made with the federal government for maintenance and operation by the staff of Oregon State University with all funding to be
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provided from the annual operating budget appropriations of the federal agency. The details thereof are yet to be formulated, but it is anticipated that they would be summarized in a Memorandum of Understanding with NOAA similar to the one applicable to the operation of the Newport Aquaculture Laboratory. This document specifies, among other things, that the state has no obligation for the maintenance and operation of the facility in the absence of federal funding for those functions.

Staff Recommendation to the Board

It was recommended that the Vice Chancellor for Facilities Planning be authorized to purchase the property at 905 S. W. Madison Avenue, Corvallis, from Gerald and Diane Cornelius at the option price of $43,000. This property is located within the approved projected campus boundaries of Oregon State University, at the eastern edge, and is expected to be utilized at some future time for educational and general plant purposes. The purchase would be financed from state funds authorized by Chapter 331, Oregon Laws 1975 for the acquisition of land.

Board Discussion and Action

The Board approved the Committee recommendation as presented, with the following voting in favor: Directors Batiste, Carpenter, Green, Ingalls, Thorp, Warner-Yasuda, Wyss, and Perry. Those voting no: None.

Staff Report to the Board

On September 24, 1979, Gerald and Diane Cornelius executed a 60-day option for the sale of the residential property at 905 S. W. Madison Avenue, Corvallis, to the Board in the amount of $43,000. The option price is equal to the average of two independent appraisals recently obtained by the institution—one from Robert Rondeau and the other from Steven S. Swedberg.

The property measures approximately 50.24 feet by 65.5 feet, thus containing approximately 3,291 square feet or .076 acres, and is improved with a two-story wood-frame residence which is about 70 years old. On the main floor, there is a foyer, living room, dining room, kitchen and utility area plus one bedroom. Upstairs, there are three additional bedrooms and a bathroom. The gross living area within the house is about 1,450 square feet. Because of age and obsolescence, the condition of the residence is rated from "fair" to "average." It is located near other properties acquired for general institutional use but now being rented for student housing on an interim basis pending long-term allocation for educational and general plant purposes.

Funds required for the purchase of the property would be provided from the balance remaining from the General Fund appropriation and Article XI-G bond proceeds authorized by Chapter 331, Oregon Laws 1975 for land acquisition.

(Considered by Committee on Finance, Administration, and Physical Plant, September 14, 1979; present--Ingalls, Ater, Batiste, Perry, and Thorp.)

Staff Recommendation to the Committee

It was recommended that the appropriate Board officials be authorized to seek concurrence of the Joint Legislative Committee for Data Processing and the Emergency Board to acquire replacement data processing equipment at the University of Oregon in accordance with the plan presented in the following staff report.

Discussion and Recommendation by the Committee

The Committee recommended that the Board approve the staff recommendation as presented.
Board Discussion and Action

The Board approved the Committee recommendation as presented, with the following voting in favor: Directors Batiste, Carpenter, Green, Ingalls, Thorp, Warner-Yasuda, Wyss, and Perry. Those voting no: None.

Staff Report to the Board

The Board has previously received information dealing with replacement of computing equipment at the University of Oregon. The Board requested, received, and allocated program improvement funds for this purpose. ORS 351.095 requires approval of the Emergency Board before the Department can expend funds for data processing equipment. Discussions with the Executive Department suggest that a plan of acquisition for the University's equipment must also be presented for approval by the Joint Legislative Committee for Data Processing.

The University currently utilizes two computers for general computing services:

IBM 360/50--installed 1966.

Digital Equipment Corporation (DEC) PDP 10 (Model KA)--installed 1969.

Both machines have differing characteristics, and each has a substantial program library. Each computer has unique areas of application to support institutional programs. Replacement of both machines is long overdue. Because of their age, the machines are becoming increasingly unreliable. This is particularly true of the DEC PDP 10 which was inoperative for six days near the end of August due to a hardware failure attributed to age and wear.

Board staff and University personnel have formulated an acquisition plan designed to maintain continuity of service. It involves interim replacement of the DEC PDP 10 computer with another compatible DEC computer, while a conventional Request for Proposal (RFP) process is carried out. This plan is also based on the premise that simultaneous replacement of both machines by one or two machines is impractical because of the limited number of University personnel available for conversion of existing applications to new equipment.

The recommended acquisition plan involves two phases:

1. Replace, as soon as possible, the DEC PDP 10 (KA) with a newer but compatible DEC PDP 10 (Model KI), procured from vendors of used equipment. This computer will be utilized for two years. Cost for this acquisition is estimated to be less than $250,000.

2. In November 1979, invite vendor proposals (RFPs) to replace the workload of the IBM 360/50 by fall of 1980. The capability of the DEC computer would be replaced by fall of 1981. Estimated cost for this two-step acquisition is $2,000,000.

The proposed acquisitions will be funded from University of Oregon Computer Center program improvement funds, grant and contract income, and University equipment resources.
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Proposed Deeding of Land Adjacent to Monmouth Avenue to the City of Monmouth, OCE

(Considered by Committee on Finance, Administration, and Physical Plant, September 14, 1979; present--Ingalls, Ater, Batiste, Perry, and Thorp.)

Staff Recommendation to the Committee

It was recommended that the President and Secretary of the Board be authorized to execute a deed that would grant to the City of Monmouth two strips of land immediately adjacent to the Monmouth Avenue right-of-way, beginning at West Church Street and extending northward approximately 400 feet, for proposed improvements benefitting the campus of Oregon College of Education.

Discussion and Recommendation by the Committee

The Committee recommended that the Board approve the staff recommendation as presented.

Board Discussion and Action

The Board approved the Committee recommendation as presented, with the following voting in favor: Directors Batiste, Carpenter, Green, Ingalls, Thorp, Warner-Yasuda, Wyss, and Perry. Those voting no: None.

Staff Report to the Committee

On November 17, 1978, the Board authorized an allocation of $26,000 from the reserve for physical plant rehabilitation and minor capital outlay to cover local matching requirements for the proposed improvement of that portion of Monmouth Avenue which bisects the campus of Oregon College of Education. Through a cooperative effort with the City of Monmouth, it is expected that the project will be undertaken by the Highway Division of the State's Department of Transportation at a total cost of about $200,000. The Board was advised that the roadway would be realigned within the existing right-of-way with new sidewalks, landscaped median areas and surface treatments to enhance esthetics and reduce vehicular traffic flows.

The improvements, along with the roadway, are planned to begin at West Jackson Street on the south and continue to about 400 feet north of West Church Street. In most areas, they would extend out to 40 feet on both sides of the centerline of Monmouth Avenue. Currently, the right-of-way extends to only 30 feet on each side of the centerline in this portion of the street. In order to accommodate the improvements designed by the Highway Division, it is proposed that the Board deed to the City of Monmouth two strips of land 10 feet wide by about 400 feet long on each side of Monmouth Avenue north of West Church Street. It is also proposed to include within the deed an additional 5-foot-wide strip which would extend for a distance of about 70 feet on the east side of Monmouth Avenue beginning at a point approximately 150 feet north of West Church Street. The two strips of land would narrow to the existing right-of-way about 50 feet from the northern end of the proposed campus improvements.

The deed would include a provision that in the event the construction of the proposed improvements is not commenced within three years, title to the property shall revert to the Board.

Confirmation of Institutional Degree Lists

In accordance with Board regulations, the following Board members represented the Board in approving candidates for degrees and diplomas for the graduating classes at the various institutions during the 1978-79 academic year and summer sessions:

Oregon State University - William C. Thorp III

Meeting #459

October 26, 1979

University of Oregon Law School - Edward C. Harms, Jr.
Portland State University (including Fall 1978 and Winter 1979) - Loren L. Wyss
Oregon College of Education - Robert C. Ingalls
Oregon Institute of Technology - Jane H. Carpenter
Southern Oregon State College - Lester E. Anderson
Eastern Oregon State College (including Summer 1979) - Betty Feves
University of Oregon Health Sciences Center - Louis B. Perry

Signed copies of the degree lists are on file in the Board's Office.

Board Discussion and Action

The Board confirmed the action of these Board members in approving candidates for degrees and diplomas. The following voted in favor: Directors Batiste, Carpenter, Green, Ingalls, Thorp, Warner-Yasuda, Wyss, and Perry. Those voting no: None.

Report of Bid and Contract Award for Safety Deficiency Corrections, Phase II (Lincoln Hall Exitway Improvements), PSU

Upon the recommendation of institutional officials, the final drawings and specifications which had been prepared with the assistance of WE-Group, P.C., Architects, for the correction of safety deficiencies within Lincoln Hall at Portland State University were accepted on behalf of the Board and a bid invitation was extended. Only one contractor submitted a proposal for the work on September 18, 1979, but a contract award was made and the following tentative budget was approved:

Direct construction costs - A. C. Schommier & Sons, Inc., Portland $119,890
Less Change order reduction for refurbishing existing door closer devices in lieu of new installations 2,745
Net direct construction costs $117,145
Professional services fees 7,700
Supervision, legal and miscellaneous costs 6,285
Contingencies 9,570
Total $140,300

The work may be described briefly as the improvement of existing exitways within Lincoln Hall, including automatic sprinkler protection, fire alarm detection and related electrical work, the repair and replacement of certain doors, re-glazing, the installation or refurbishing of hardware, and painting.

The expenditure requirements for the project are being charged against the allocation to Portland State University of funds authorized by Chapter 560, Oregon Laws 1977, for the second phase of the Board's safety deficiency corrections program.

RECAPITULATION UPON RECEIPT OF BID AND CONTRACT AWARD

Project - PSU Safety Deficiency Corrections, Phase II (Lincoln Hall Exitway Improvements)

Architects - WE-Group, P.C., Portland and Eugene

Board's priority - Part of No.1 in 1977-1979 (Educational and General Plant)
Meeting #459

October 26, 1979

Legislative authorization - Chapter 560, Oregon Laws 1977

Estimated total project costs (this portion only) $140,500

Estimated direct construction costs (this portion only) 117,145

Scheduled completion - January 1980

Tentative financing plan:

<table>
<thead>
<tr>
<th>Component</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Fund appropriation</td>
<td>$70,250</td>
</tr>
<tr>
<td>Article XI-G bond proceeds</td>
<td>70,250</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$140,500</td>
</tr>
</tbody>
</table>

Board Discussion and Action

The Board received the report as presented.

Staff Report to the Board

The capital outlay program which the 1975 Legislature approved for Portland State University included $75,000 for Street Lighting Improvements in order to bring the institution into conformance with an ordinance of the City of Portland which designated underground wiring for the downtown area, including University property. Inasmuch as there was an earlier deadline for completion of this work, an interim arrangement was made with the City of Portland and Portland General Electric Company to permit overhead-wired street lights to remain pending the installation of the University’s own lighting system prior to June 30, 1976. Subsequent extensions were necessary and were obtained.

Following two unsuccessful attempts to obtain acceptable bids, the institution was authorized to proceed with the work using its own Physical Plant forces with assistance from private contractors previously engaged under retainer contracts with the University. The work was completed by June 30, 1979.

A final budget for the project is as follows:

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct construction costs</td>
<td>$ 69,713</td>
</tr>
<tr>
<td>Professional services fees</td>
<td>675</td>
</tr>
<tr>
<td>Construction supervision and miscellaneous costs</td>
<td>4,612</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$ 75,000</td>
</tr>
</tbody>
</table>

The drawings and specifications were prepared with the assistance of Grant Kelley and Associates, consulting electrical engineers, Portland. A total of 56 fixtures were installed. They were mounted on steel poles and have spherical acrylic globes with a 175-watt light source. Basically, they are of the same type as those installed in the South Park Blocks and adjacent interior streets as part of the federally-sponsored Park Blocks Improvement Project. All of the required wiring was installed underground and was connected to power sources within University buildings.

While the project did not provide as many street lighting fixtures as had been planned initially, substantial improvement in the safety and security of the campus has been achieved. All areas of concern have been lighted and the project has been judged successful in achieving its goal of improved exterior lighting. From time to time, as resources become available, the institution expects to install 15 additional fixtures purchased from project funds in order to complete the campus lighting system.

The project expenditures were financed in equal shares from the General Fund appropriation in Section 1 of Chapter 331, Oregon Laws 1975, and from proceeds from the sale of bonds issued under the provisions of Article XI-G of the Oregon Constitution, consistent with the program reviewed and approved by the Legislature.
RECAPITULATION UPON COMPLETION AND ACCEPTANCE

Project - PSU Street Lighting Improvements
Engineer - Grant Kelley and Associates, Portland
Board's priority - No. 3 in 1975-1977 (Educational and General Plant)
Legislative authorization - Chapter 331, Oregon Laws 1975

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total project costs</td>
<td>$75,000</td>
</tr>
<tr>
<td>Total direct construction costs</td>
<td>$69,713</td>
</tr>
<tr>
<td>Financing plan</td>
<td></td>
</tr>
<tr>
<td>General Fund appropriation</td>
<td>$37,500</td>
</tr>
<tr>
<td>Article XI-G bond proceeds</td>
<td>$37,500</td>
</tr>
<tr>
<td>Total</td>
<td>$75,000</td>
</tr>
</tbody>
</table>

Board Discussion and Action

The Board received the report as presented.

Staff Report to the Board

Inasmuch as the schematic design phase of planning for the proposed second phase of remodeling within the Smith Memorial Center Building at Portland State University was in substantial conformance with the work previously defined, including major portions deferred from the first phase of work as reported to the Board on November 18, 1977, and May 26, 1978, it was accepted and the project architect, Philip Thompson, Portland, was authorized to proceed with the design development phase of planning based upon a direct construction allowance of approximately $452,196.

The major elements of the work are expected to include the development of an art gallery and the replacement of offices for the Smith Memorial Center staff at the second floor; the redevelopment of the north half of the cafeteria at the main level of the building; the remodeling of Suite 333 into a meeting room; the replacement of acoustical folding partitions in meeting rooms at the second and third floor levels; and further improvements to the art storage vault on the fourth level.

The estimated total project costs is $720,000, which is equal to the expenditure limitation authorized for this work by the 1979 Legislature. These costs are to be financed from Article XI-F(1) bond proceeds and/or balances available for auxiliary enterprises.

RECAPITULATION UPON ACCEPTANCE OF SCHEMATIC DESIGN PHASE OF PLANNING

Project - PSU Smith Memorial Center Remodel Phase II
Architect - Philip Thompson, Portland
Board's priority - No. 21 in 1979-1981 (Auxiliary Enterprises)
Legislative authorization - Chapter 511, Oregon Laws 1979

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated total project costs</td>
<td>$720,000</td>
</tr>
<tr>
<td>Estimated total direct construction costs</td>
<td>$452,196</td>
</tr>
</tbody>
</table>

Tentative schedule:
- Bidding - November 1979
- Completion - June 1980
Tentative financing plan:
General obligation bond borrowings under
Article XI-F(1) of the Oregon Constitution
and/or balances available for auxiliary
enterprises $720,000

Board Discussion and Action
The Board received the report as presented.

Staff Report to the Board
On February 23, 1979, the Board approved the master plan prepared with
the assistance of McArthur/Gardner/Partnership, planners and landscape
architects for the Sports and Recreation Improvements (Playing Fields)
development proposed on University of Oregon property along the south
bank of the Willamette River. The schematic design of planning for the
initial phase of this proposed development was also reviewed and approved
at that time.

The landscape architects have completed the design phase of planning for
the first portion of the work and have been authorized to complete the
construction documents phase so that bids may be solicited and a contract
award made for the work.

Based upon the price level expected to prevail in the spring of 1980, when
bids may be solicited, the direct construction costs are projected to be
$318,300. The estimated total project cost is $375,000, which is the expen-
diture limitation approved by the 1979 Legislature.

The funding for this work is to be from Article XI-F(1) bond borrowings
and/or balances available for auxiliary enterprises.

RECAPITULATION UPON COMPLETION OF DESIGN PHASE OF PLANNING

Project - UO Sports and Recreation Improvements (Playing Fields)
Architects - McArthur/Gardner/Partnership, Portland
Board's priority - No. 6 in 1979-1981 (Auxiliary Enterprises)
Legislative authorization - Chapter 511, Oregon Laws 1979
Estimated total project costs $375,000
Estimated total direct construction costs $318,300
Tentative schedule:
Bidding - Spring 1980
Completion - Fall 1980
Tentative financing plan:
Article XI-F(1) bond borrowings and/or balances
available for auxiliary enterprises $375,000

Board Discussion and Action
The Board received the report as presented.
Staff Report to the Board

Upon the recommendation of institutional officials, the final drawings and specifications which had been prepared with the assistance of Martin/Soderstrom/Matteson, project architects, Portland, for the attic remodeling of building "B" of the College of Education complex on the campus at the University of Oregon were accepted on behalf of the Board. Four bids were received for the work on July 12, 1979, ranging from a low of $221,456 to a high of $277,105. These amounts are net of two deductive alternates which were exercised. Inasmuch as the resources were available for the work, as described hereinafter, a contract award was made and the following tentative budget was approved:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct construction costs</td>
<td>$216,456 (1)</td>
</tr>
<tr>
<td>Professional services fees</td>
<td>40,000</td>
</tr>
<tr>
<td>Works of Art (1% of direct construction)</td>
<td>2,165</td>
</tr>
<tr>
<td>Contingencies</td>
<td>10,769</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$269,330</strong></td>
</tr>
</tbody>
</table>

(1) Net of a $5,000 change order issued simultaneously with the contract award to delete overtime initially assumed to be required by the mechanical work subcontractor to meet the construction schedule.

The work includes the remodeling of approximately 3,600 square feet of space on the second floor of the south wing of building "B" (old University High School). A director's office, a secretarial pool area, twelve faculty stations and space for fifteen stations for graduate teaching fellows are provided for the research component of the Division of Educational Policy and Management (formerly identified as the Center for Educational Policy and Management). Provisions for heating and ventilating and an extension of the existing automatic sprinkler system are also included. The deductive alternates which were exercised deleted individual study modules for the graduate teaching fellows and selected shelving systems.

This work was conceived initially as part of the schematic design phase of planning for the College of Education Addition and Alterations approved by the Board on May 26, 1978, but was omitted from the first bid invitation. The need for it was accelerated when it became apparent that the lease of space for the Division of Educational Policy and Management would not be renewed after June 30, 1979.

The remodeling is part of the total project for the College of Education Addition and Alterations for which funds in the amount of $1,975,000 were authorized by the Legislature within Chapter 560, Oregon Laws 1977. As reported to the Board on March 30, 1979, following the receipt of bids and contract award for the major portion of the work, this amount reflects the sum of the expenditure limitation of $1,810,000 for the College of Education Addition and Alterations project and $165,000 for the correction of safety deficiencies. The resources for the attic remodeling in building "B" of the Education complex were made available by redirecting amounts tentatively budgeted earlier for furnishings and equipment, physical plant costs, contingencies, etc., and by exercising two bid alternates from the larger project. One of these related to the "Socrates Learning Center" (a landscaped courtyard development), and the other was applicable to the restoration of wood exterior portions of buildings "A" and "B".

RECAPITULATION UPON RECEIPT OF BIDS AND CONTRACT AWARD

Project - UO College of Education Addition and Alterations Phase I
(Building "B" Attic Remodel)
Architects - Martin/Soderstrom/Matteson, A.I.A., Portland

Board's priority - Part of Nos. 1 and 4 in 1977-1979 (Educational and General Plant)

Legislative authorization - Chapter 560, Oregon Laws 1977

Estimated total project costs:
- College of Education Addition and Alterations $1,540,670
- Building "B" Attic Remodel (this portion) 269,330
- Safety Deficiency Corrections, Phase II 165,000
Total $1,975,000

Estimated area to be remodeled
(tentative completion date - December 1979)

Estimated direct construction costs (this portion only)
Average cost per square foot - $60.13

Tentative financing plan:
- General fund appropriation - $987,500
- Article XI-G bond proceeds - 987,500
Total $1,975,000

Report of Appointment of Professional Consultants for Accessibility for Handicapped, UO

The Board received the report as presented.

Staff Report to the Board

Upon the recommendation of officials of the University of Oregon, and in accordance with the provisions of AB 580-50-020, arrangements have been made with three additional architectural firms for professional services in connection with the design and contract administration of proposed facility modifications to remove access barriers for the handicapped on the campus in Eugene:

- Gerlinger Hall and Gerlinger Annex - SRG Partnership, P.C., Eugene
- Hendricks and Susan Campbell Halls - Mention-Hanns-Lindburg, Eugene
- Johnson Hall and Collier House (Faculty Center) - Walter Gordon, Newport

The arrangements with SRG Partnership, P.C., and Mention-Hanns-Lindburg were made through supplements to earlier agreements with them relating to the correction of safety deficiencies and other remodeling within Gerlinger, Hendricks and Susan Campbell Halls. For these additional services, SRG Partnership, P.C. shall be compensated on a time and materials basis not to exceed $14,000 (representing 10% of estimated direct construction costs of $140,000); and Mention-Hanns-Lindburg shall be compensated on a time and materials basis not to exceed 10% of the direct construction costs (tentatively estimated to be approximately $93,000).

The contract with Architect Walter Gordon authorizes compensation on a time and materials basis not to exceed 11% of the direct construction costs (tentatively estimated to be about $85,750).

Funds required for the planning are being provided from the General Fund appropriation made by the 1973 Legislature for the removal of access barriers on the various campuses.
Meeting #459

Report of Inspection and Acceptance of Safety Deficiency Corrections (Carson Hall Automatic Fire Protection Systems), UO

October 26, 1979

Board Discussion and Action

The Board received the report as presented.

Staff Report to the Board

Upon the recommendation of institutional officials and Keith Kruchek/Consulting Engineers, Inc., Portland, project engineers, the work of the prime contractor for the automatic fire protection systems within Carson Hall on the campus at the University of Oregon was accepted on behalf of the Board as of September 13, 1979.

A revised semifinal project budget is shown below in comparison with the budget reported to the Board on September 29, 1978:

<table>
<thead>
<tr>
<th></th>
<th>Revised Budget 9/13/79</th>
<th>Original Budget 9/29/78</th>
<th>Increase or (Decrease)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct construction costs:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EMK Contractors, Inc., Eugene</td>
<td>$207,307</td>
<td>$196,593</td>
<td>$10,714 (1)</td>
</tr>
<tr>
<td>Professional services fees</td>
<td>11,000</td>
<td>11,000</td>
<td></td>
</tr>
<tr>
<td>Construction supervision and miscellaneous costs</td>
<td>8,693</td>
<td>9,577</td>
<td>(884)</td>
</tr>
<tr>
<td>Contingencies</td>
<td></td>
<td>9,830</td>
<td>(9,830)</td>
</tr>
<tr>
<td>Total</td>
<td>$227,000</td>
<td>$227,000</td>
<td>$0</td>
</tr>
</tbody>
</table>

(1) Includes adding labor costs for revised work schedules; installing new conduit from existing fire alarm distribution panel to control panel; painting of all newly installed exposed electrical conduit in areas where same was previously painted; installing conduit from fire alarm distribution panel to boxes which feed horns and pull stations; installing two new sprinkler heads in stairway in the Lobby, first floor; installing surface Wiremold conduit and wiring from second floor pull stations to existing basement junction box; deleting modifications to existing exit lights at stair doors; adding contactors to circuits serving deep fat fryers and connecting to dry chemical extinguishing system; and other minor modifications all included within four approved change orders.

The work of the contract included the addition of automatic fire sprinklering throughout the building and improvements to the fire alarm system by adding automatic capabilities and an annunciator panel for the system supervision.

The expenditures were financed from resources available to the institution from housing operations and/or from self-liquidating bond borrowings issued under the provisions of Article XI-F(1) of the Oregon Constitution.

RECAPITULATION UPON INSPECTION AND ACCEPTANCE

Project - UO Safety Deficiency Corrections (Carson Hall Automatic Fire Protection Systems)

Engineer - Keith Kruchek/Consulting Engineers, Inc., Portland

Board's priority - Not applicable

Legislative authorization - State Emergency Board action of June 16, 1978

Total project costs | $227,000

Total direct construction costs | $207,307
Financing plan:
Balances available to the institution from housing operations and/or from self-liquidating bond borrowings issued under the provisions of Article XI-F(1) of the Oregon Constitution $ 227,000

Board Discussion and Action

The Board received the report as presented.

Upon the recommendation of institutional officials and CH2M/Hill, Northwest, Inc., Corvallis, project engineers, the work of the prime contractor for the automatic fire protection systems within University Inn near the campus at the University of Oregon was accepted on behalf of the Board as of September 14, 1979.

A revised semifinal project budget is shown below in comparison with the budget reported to the Board on July 27, 1979:

<table>
<thead>
<tr>
<th>Revised Budget 9/14/79</th>
<th>Original Budget 7/27/79</th>
<th>Increase or (Decrease)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct construction costs:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clarence Vos Plumbing, Inc., Eugene</td>
<td>$170,960</td>
<td>$170,246</td>
</tr>
<tr>
<td>Professional services fees</td>
<td>28,763</td>
<td>28,763</td>
</tr>
<tr>
<td>Construction supervision and miscellaneous costs</td>
<td>19,277</td>
<td>10,342</td>
</tr>
<tr>
<td>Contingencies</td>
<td>-</td>
<td>9,649</td>
</tr>
<tr>
<td>Total</td>
<td>$219,000</td>
<td>$219,000</td>
</tr>
</tbody>
</table>

(1) Includes revising fire alarm zoning; revising work schedule; installing steel angle header for garage door; applying waterproofing to mechanical room area walls; relocating conduits in mechanical room area; revising piping to fire hose cabinet located on first floor of north wing; and other modifications all included within three approved change orders.

The work of the contract included the addition of automatic fire sprinklers throughout the building and improvements to the fire alarm system by adding automatic capabilities and an annunciator panel for system supervision.

The expenditures were financed from resources available to the institution from residence hall operations and/or from self-liquidating bond borrowings issued under the provisions of Article XI-F(1) of the Oregon Constitution.

RECAPITULATION UPON INSPECTION AND ACCEPTANCE

Project - UO Safety Deficiency Corrections (University Inn Automatic Fire Protection Improvements)

Engineer - CH2M Hill Northwest, Inc., Corvallis

Board's priority - Not applicable

Legislative authorization - State Emergency Board action of June 16, 1978

Total project cost $ 219,000

Total direct construction costs $ 170,960
Financing plan:
Balances available to the institution from residence hall operations and/or from self-liquidating bond borrowings issued under the provisions of Article XI-F (1) of the Oregon Constitution $219,000

Board Discussion and Action

The Board received the report as presented.

Staff Report to the Board

Upon the recommendation of institutional officials and Gordon and Associates, Inc., Corvallis, project engineers, the work of the prime contractor for the correction of electrical deficiencies within ten buildings at Oregon State University was accepted on behalf of the Board as of June 29, 1979. The ten buildings included in this contract were Batcheller, Gilmore, Graf and Kidder Halls, Industrial Building, Kerr Library, Marine Science Center, Mitchell Playhouse, Pharmacy and Social Science.

A revised semifinal project budget is shown below in comparison with the budget reported to the Board on January 26, 1979:

<table>
<thead>
<tr>
<th>Description</th>
<th>Revised Budget 6/29/79</th>
<th>Original Budget 1/26/79</th>
<th>Increase or Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct construction costs:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LINNCO Electric Co., Albany</td>
<td>$9,991</td>
<td>$9,326</td>
<td>$665 (1)</td>
</tr>
<tr>
<td>Professional services fees</td>
<td>840</td>
<td>840</td>
<td>-</td>
</tr>
<tr>
<td>Construction supervision and miscellaneous costs</td>
<td>669</td>
<td>500</td>
<td>169</td>
</tr>
<tr>
<td>Contingencies</td>
<td>-</td>
<td>834</td>
<td>(834)</td>
</tr>
<tr>
<td>Total</td>
<td>$11,500</td>
<td>$11,500</td>
<td>$ -</td>
</tr>
</tbody>
</table>

(1) Includes providing motor-rated toggle switches in lieu of heavy-duty disconnects at small motors in four buildings; adding a motor starter for an additional grinder in one building; providing motor disconnects at three additional grinders in one building; and adding disconnects at a jig saw and a drill press in one building. All of these adjustments were incorporated within three approved change orders.

The work of the contract included the installation of motor starters and motor disconnects on various pieces of equipment, including heating, ventilating and cooling equipment.

Expenditure requirements for the project were charged against the original allocation of $575,000 for Safety Deficiency Corrections, Phase II, at Oregon State University, as part of the program authorized by Chapter 560, Oregon Laws 1977.

RECAPITULATION UPON INSPECTION AND ACCEPTANCE

Project - OSU Safety Deficiency Corrections, Phase II, (Batcheller, Gilmore, Graf and Kidder Halls, Industrial Building, Kerr Library, Marine Science Center, Mitchell Playhouse, Pharmacy and Social Science Electrical Deficiencies/Motor Starters and Disconnects)

Engineers - Gordon and Associates, Inc., Corvallis

Board's priority - Part of No. 1 in 1977-1979 (Educational and General Plant)
Legislative authorization - Chapter 560, Oregon Laws 1977

Estimated total project costs (this portion only) $11,500

Estimated total direct construction costs (this portion only) $9,991

Tentative financing plan:
- General Fund appropriation $5,750
- Article XI-G bond proceeds $5,750
- Total $11,500

Board Discussion and Action

The Board received the report as presented.

Staff Report to the Board

On July 27, 1979, the Board reviewed the schematic design phase of planning for the proposed alterations within the Outpatient Clinic Building to relocate and remodel the in-patient and outpatient Pharmacy facilities within the Outpatient Clinic Building and the student lounge/locker area within University Hospital North on the campus at the University of Oregon Health Sciences Center, prepared with the assistance of Hanson/Dunahugh/Vaivoda, project architects, Portland.

Based upon the recommendation of institutional officials following the completion of the design development phase of planning, the architects were authorized to complete the construction documents phase so that bids may be received and a contract award made for the work. The description of the project remains essentially as outlined in the July 27, 1979, Board minutes.

Based upon the price level expected to prevail in December 1979, when bids may be solicited for the project, the architects estimate that the direct construction costs will be approximately $267,600. These costs and the related expenditures for professional services fees, construction supervision and other project expenses, all within a total of $345,000, are expected to be financed from self-liquidating bond borrowings issued under the provisions of Article XI-F(1) of the Oregon Constitution.

RECAPITULATION UPON ACCEPTANCE OF DESIGN DEVELOPMENT PHASE OF PLANNING

Project - UOHSC Clinical Lab/Outpatient Clinic Remodel and Related Relocations (Pharmacy Alterations and Related Relocations portion only)

Architects - Hanson/Dunahugh/Vaivoda, Portland

Board's priority - Part of No. 13 in 1979-1981 (Auxiliary Enterprises)

Legislative Authorization - Chapter 511, Oregon Laws 1979

Estimated total project costs (This portion only - $345,000) $1,795,000

Estimated total direct construction costs (this portion only) $267,600

Tentative schedule (This portion only):
- Bidding - December 1979
- Completion - May 1980

Tentative financing plan:
- Article XI-F(1) bond borrowings and/or other balances available for auxiliary enterprises - Total $1,795,000
  (This portion only - $345,000)
Board Discussion and Action

The Board received the report as presented.

Staff Report to the Board

Upon the recommendation of institutional officials, the final drawings and specifications which had been prepared with the assistance of Broome, Oringdulph, O'Toole, Rudolf and Associates, Portland, project architects, for additional remodeling within the metabolic diet kitchen area of the Clinical Research Center in University Hospital North on the campus of the University of Oregon Health Sciences Center were accepted on behalf of the Board. Two bids were received for the work on September 12, 1979, one in the amount of $18,084 and the other for $21,942. Inasmuch as the low bid was within the estimate and the resources were available, a contract award was made and the following tentative budget was approved for the project:

| Direct Construction costs: Cloyd R. Watt Construction Co., Portland | $18,084 |
| Professional services fees | $1,500 |
| Construction supervision and miscellaneous costs | $1,500 |
| Contingencies | $2,916 |
| **Total** | **$24,000** |

The work includes the installation of counters, cupboards, and a central work island; the installation of a cooling coil in the supply unit existing above the ceiling; the installation of a rooftop condensing unit; and the extension of the air conditioning ductwork serving the adjacent patient areas.

The expenditures are to be charged to federal grant funds available to the University of Oregon Health Sciences Center to cover costs of completing the metabolic diet kitchen and adjacent areas of the Clinical Research Center within the University Hospital North.

RECAPITULATION UPON RECEIPT OF BIDS AND CONTRACT AWARD

Project - UOHS C University Hospital North Clinical Research Center
Diet Kitchen Remodel, Phase III

Architects - Broome, Oringdulph, O'Toole, Rudolf and Associates, Portland

Board's priority - Not applicable

Legislative authorization - State Emergency Board action on August 17, 1979

Estimated total project costs | $24,000
Estimated direct construction costs | $18,084
Tentative completion date - January 1980

Tentative financing plan:
Grant funds committed by the General Clinical Research Center Branch of the Department of Health, Education, and Welfare | $24,000

Board Discussion and Action

The Board received the report as presented.
Designation of Quasi-Endowments

(Considered by Committee on Finance, Administration, and Physical Plant, September 14, 1979; present--Ingalls, Ater, Batiste, Perry, and Thorp.)

Staff Recommendation to the Committee

In accord with AR 580-40-005, it was recommended that the Committee approve a planned amendment of FASOM to: (1) Increase the minimum value of unrestricted gifts to be designated as quasi-endowments from $10,000 to $20,000; (2) Clarify that "minimum value" refers to current market value of the gift; and (3) Apply this minimum value to a gift regardless of the time periods in which portions of the gift may be received. The recommended deletion and addition of FASOM Section 1.25 D03 is shown below.

Discussion and Recommendation by the Committee

The Committee concurred in the proposed change. (No Board action required.)

Staff Report to the Committee

This proposed change is brought to the Committee in accordance with AR 580-40-005. The Rule delegates supervision of fiscal administrative activities to the Chancellor but requires that: "Major changes in procedures...shall be reported to the Board's Committee on Finance, Administration, and Physical Plant for approval."

Current Board policy, adopted in 1972, is reflected in the Department's Financial Administration Standard Operating Manual (FASOM). FASOM Section 01.25 D03 assigns quasi-endowment status to all gifts of $10,000 or more. It allows expenditure of individual quasi-endowment principal balances which fall below $10,000 in value. The FASOM section does not clearly state whether the $10,000 minimum value is measured by market value or some other basis. The proposed policy would define "minimum value" in terms of "current market value." The current statement does not speak to the application of "minimum value" to a gift received at intervals over a period of time. The proposed policy requires the minimum value to apply to the value of the entire gift, regardless of the accounting periods in which received.

It is recommended that the minimum value be increased to $20,000. Considering the impact of inflation since this policy was first adopted in 1972, the increase to $20,000 seems justified. Gifts in excess of $20,000, not otherwise restricted, will continue to be assigned quasi-endowment status, with release of principal for expenditure subject to Board approval.

FASOM Section 01.25 D03, in its present form, would be deleted:

QUASI-ENDOWMENT FUND

[Gifts and bequests which are generally expected to have only the investment income expended are in this fund. However, quasi-endowments exist at the discretion of the Board, not the donor, and are not true endowments. The Board may authorize the expenditure of all or part of the principal. Investment income is available for expenditures in accordance with the endowment instrument.

Any gift or bequest in excess of $10,000 is designated as a quasi-endowment. If only a portion of the gift is to be expended in the fiscal year and the remaining balance is estimated to be in excess of $10,000, then the balance is also placed in the quasi-endowment fund. If the balance is less than $10,000, it may remain in the Current Restricted Fund or the Current General Fund.

Gifts or bequests of less than $10,000 may be placed in the quasi-endowment fund at the discretion of the institution.]
A revised FASOM Section 01.25 D03 would take its place:

**QUASI-ENDOWMENT FUNDS**

Quasi-endowments exist at the discretion of the Board and are not true endowments. The donor has not limited the expenditure of principal, but Board policy does. Investment income may be expended by the institution in any way consistent with the gift instrument. Designation of a gift as a quasi-endowment and expenditure of quasi-endowment principal or income are subject to the following conditions:

1. Any individual donation or gift which equals or exceeds $20,000 in total market value, regardless of the type of gift or the accounting periods in which it is received, is designated as a quasi-endowment.

2. Any quasi-endowment account balance which has a market value of less than $20,000, at the discretion of the institution and with prior report to the Board, may be transferred to the Current General Fund or the Current Restricted Fund.

3. Any individual donation or gift of less than $20,000 may be designated as a quasi-endowment fund at the discretion of the institution.

**Board Discussion and Action**

The Board received the report as presented.

(Considered by Committee on Finance, Administration, and Physical Plant, September 14, 1979; present--Ingalls, Ater, Batiste, Perry, and Thorp.)

**Staff Recommendation to the Committee**

It was recommended that the Committee accept the report, with the assumption that the College will take the indicated actions.

**Discussion and Recommendation by the Committee**

It was recommended that the Board receive the report as presented. (No Board action required.)

**Staff Report to the Committee**

In accordance with the request of the Board at its meeting on July 27, 1979, the report by Southern Oregon State College of its review of and intended responses to the audit of certain athletic department transactions was provided for such action as the Committee may find appropriate.

The report, which is on file in the Board's Office, is in two parts:

I. A summary statement by the President concerning the programs of intercollegiate athletics at the College; and

II. A more detailed set of commentaries by the Dean of Administration, reviewing the allegations, applicable policies, and the planned responses to audit recommendations.

**Board Discussion and Action**

The Board received the report as presented.
Preliminary Review of Ideas for Improved Financial Reports

(Considered by Committee on Finance, Administration, and Physical Plant, September 14, 1979; present--Ingalls, Ater, Batiste, Perry, and Thorp.)

It was recommended that the Committee consider the following staff report and advise the Vice Chancellor for Administration whether the ideas suggested warrant further development.

Discussion and Recommendation by Committee

The Committee recommends that the Board receive the report as presented. (No Board action required.)

Staff Report to the Board

The Report of the Controller now published at the end of each fiscal year is a statement of the financial condition of the Oregon Department of Higher Education, and contains accounting information such as the following statements for the whole Department as well as for each individual institution:

2. Statement of Changes in Fund Balances.

The Office of Administration, believing that a document for broader readership could be produced economically, suggests that the name and focus of the report be modified. It is suggested that summarized financial data be included in an Annual Report of the Department of Higher Education. The content of the new report would be expanded to include narrative reports on the accomplishments of the year just closed and current goals and objectives of the Department. The report would include statistical data and consolidated financial statements for the whole Department. Statistical information would be presented graphically, accompanied by descriptive narrative, where necessary. Data so displayed would include source and use of operating funds, enrollment levels, graduate and undergraduate degrees conferred, volume of research funds, endowment receipts and investments, and foundation support of the institutions.

Following the material regarding the Department as a whole would be individual sections for each institution. Each institutional section could contain a narrative presentation by the President. Graphic material, statistical data, and summary financial statements for each institution would also be presented.

Over the past two months, the Controller’s Division staff have reviewed several hundred annual reports of colleges and universities. Ideas suggested by these reports have been the basis for the belief that a revised format is desirable. The goal is to publish an informative document of which the Department can be proud and yet keep the cost of publication at a minimum.

The Controller’s Division staff would work with Richard Zita from the Office of Public Services and Publications and Richard Perry and Guy Lutz of the Management and Planning Services Division in the development of the Annual Report. Mr. Zita would arrange for the design and development of the non-financial portions of the Report. Dr. Perry and Mr. Lutz would assist in development of the statistical data relating to enrollment levels, research activity, degrees conferred, foundation activities, etc.

The Controller’s Division is also in the process of analyzing the kinds of information which should be included in a regular quarterly report to the Board. Although the quarterly report would focus on accounting or budget data, the communication would be in a format that would permit comparison of budgeted and actual expense and revenue, analyses of self-supporting auxiliary enterprise operations, status of expenditure limitations, identification of possible financial problems in non self-supporting auxiliary enterprises, etc.
A more formal presentation of these concepts could be made to the Committee at a later meeting, if the Committee so desires.

Board Discussion and Action

The Board received the report as presented.

In March 1978, the Board approved a request from Oregon Institute of Technology for authorization to offer an upper-division program in nursing leading to the bachelor of science degree provided the extra funding to inaugurate the program was obtained from non-state sources.

President Light reported that word had been received from the Department of Health, Education and Welfare that a federal grant in the amount of $466,876 was being funded for the implementation of the nursing program as originally planned.

Earlier it had appeared that the federal grant might not be received and the local hospital, the Merle West Medical Center, awarded $41,000 for the development of the program, specifically for library resources and other software items. With the receipt of the federal grant, there have been conversations with the hospital exploring the possibility of using the hospital funds to develop a continuing education activity for place-bound nurses.

In addition, a grant of $35,000 has been received from the Helen Fuld Health Trust in Philadelphia for the purchase of audio-visual equipment. The total grants to the nursing program now amount to $542,876.

The first year grant is in the amount of $187,649 which includes the costs of hiring two professionals and one clerical assistant. It provides for consultant costs, equipment, supplies and travel. Planning will be a major effort during the first year so that a quality program will be developed which will merit accreditation by the National League for Nursing.

President Light distributed copies of the resume of Dr. Tyana Payne, who will be the primary planner for the program during the coming year.

Board Discussion and Action

The Board received the report as presented.

The Board meeting was adjourned at 12:10 P.M.

WILMA L. FOSTER, Secretary
Oregon State Board of Higher Education
Recommended Admissions Requirements, 1980-81

The Board's Office recommends the following admissions requirements for 1980-81.

Oregon Resident Freshmen Admissions Requirements

That the student be required to:

1. Have been graduated from a standard or accredited high school and
2. Meet one of the following requirements:

UO, OSU

a. Have a 2.50 high school grade point average or above in all high school subjects taken towards graduation, for admission fall, winter, or spring terms; or

b. Have a predicted first term GPA (based on a combined measure of high school GPA and scholastic aptitude test scores) of 2.00 or above; or

c. Have a minimum grade point average of 2.00 in 12 term hours of prescribed course work taken during the summer term at the University of Oregon or Oregon State University, respectively; or

d. Have a minimum grade point average of 2.00 in 15 term hours of college-level course work taken in an accredited collegiate institution.

(Effective 1981-82, students admitted to UO and OSU will also be required to achieve a satisfactory score on the Test for Standard Written English (TSWE) or on an alternate English achievement test.)

PSU, OCE

a. Have a 2.25 grade point average or above, in all high school subjects taken towards graduation to enter fall, winter, or spring terms; or

b. Have a minimum combined score of 890 SAT or 20 ACT to enter any term; or

c. Have a minimum grade point average of 2.00 in 12 term hours of college-level work taken in an accredited collegiate institution, or in 9 term hours of a prescribed program in a regular collegiate summer school.

Students who are graduates of non-standard or unaccredited high schools are admissible at the discretion of the institutions, which take into account high school GPA and/or SAT/ACT test scores. Students who are not high school graduates are admissible on the basis of satisfactory performance on the General Educational Development (GED) test, provided either that their high school class has been graduated, or they are adjudged by the institution to be meritorious cases justifying admission prior to the graduation of their high school class.
SOSC, EOSC, OIT

a. Have a 2.00 grade point average or above in all high school subjects taken towards graduation to enter fall, winter, spring terms; or

b. Have a minimum combined score of 880 SAT or 20 ACT to enter fall, winter, and spring terms; or

c. Have a minimum grade point average of 2.00 in 12 term hours of college-level work taken in an accredited collegiate institution or in 9 term hours of a prescribed program in a regular collegiate summer school.

Nonresident Freshmen Admissions Requirements

Nonresident students must:

1. Have been graduated from an accredited high school and

2. Meet one of the following:

UO, OSU, PSU

a. Have a 2.75 grade point average in all high school subjects taken towards graduation to enter fall, winter, and spring terms; or

b. Have a 2.25 grade point average or above and a predicted first term GPA (based on a combined measure of high school GPA and scholastic aptitude test scores) of 2.10 or above; or

c. Have a minimum grade point average of 2.00 in 12 term hours of prescribed course work taken during the summer term at the University of Oregon, Oregon State University, or Portland State University, respectively; or

d. Have a minimum grade point average of 2.00 in 15 term hours of college-level work taken in an accredited collegiate institution.

SOSC, CCE, EOSC

a. Have a 2.00 grade point average in all high school subjects taken towards graduation to enter fall, winter, spring terms; or

b. Have a minimum combined score of 950 SAT or 22 ACT; or

c. Have a minimum grade point average of 2.00 in 12 term hours of college-level course work taken in an accredited collegiate institution or in 9 term hours in a prescribed program in a regular collegiate summer term.

OIT

a. Have a 2.00 grade point average in all high school subjects taken towards graduation to enter fall, winter, spring terms; or

b. Have a minimum combined score of 830 SAT or 20 ACT; or
c. Have a minimum grade point average of 2.00 in 12 term hours of college-level course work taken in an accredited collegiate institution or in 9 term hours in a prescribed program in a regular collegiate summer term.

There are no summer term admissions requirements.