

Tacoma Community College

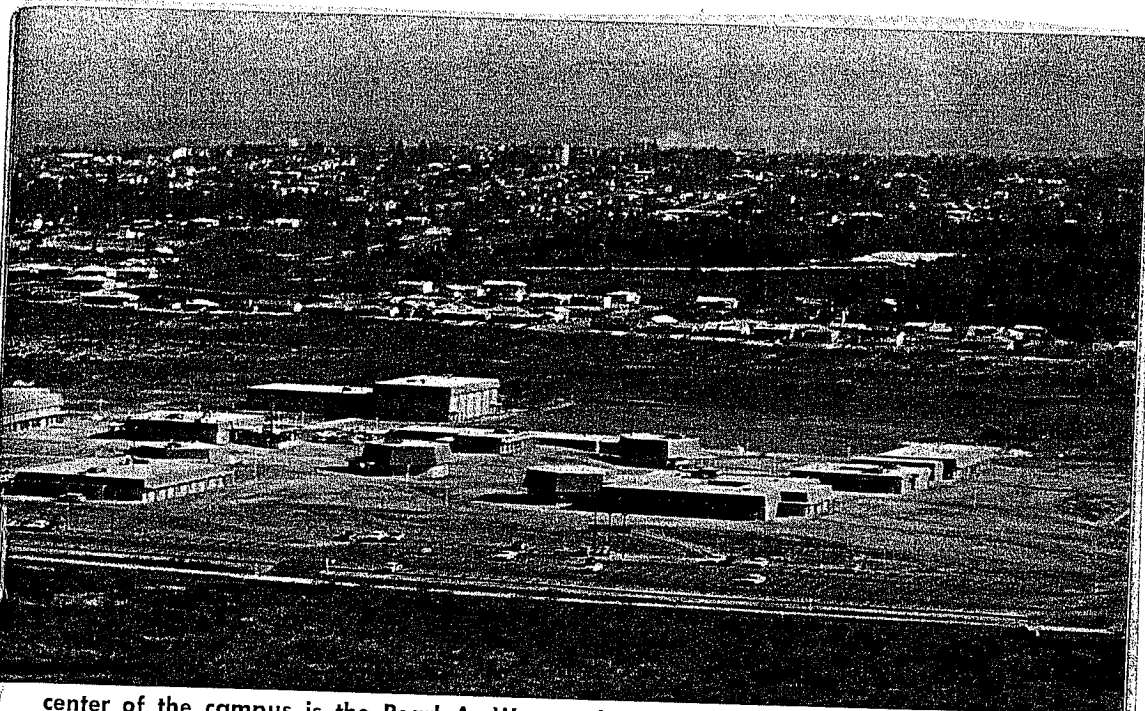


**1969-1970
Catalog**



This aerial photo, taken from the west, shows the 150-acre campus of Tacoma Community College. The street in the foreground is Mildred Street. The tall building at extreme left is the Little Theater Building. The large building at the





center of the campus is the Pearl A. Wanamaker Library and Instructional Resource Center. For more information on the college's physical facilities see Page 23 and the map inside the back cover.—Photo by Buz Demarest

Tacoma Community College 1969-1970 Catalog



5900 South 12th St.
Tacoma, Washington 98465
(SKYline 2-6641)

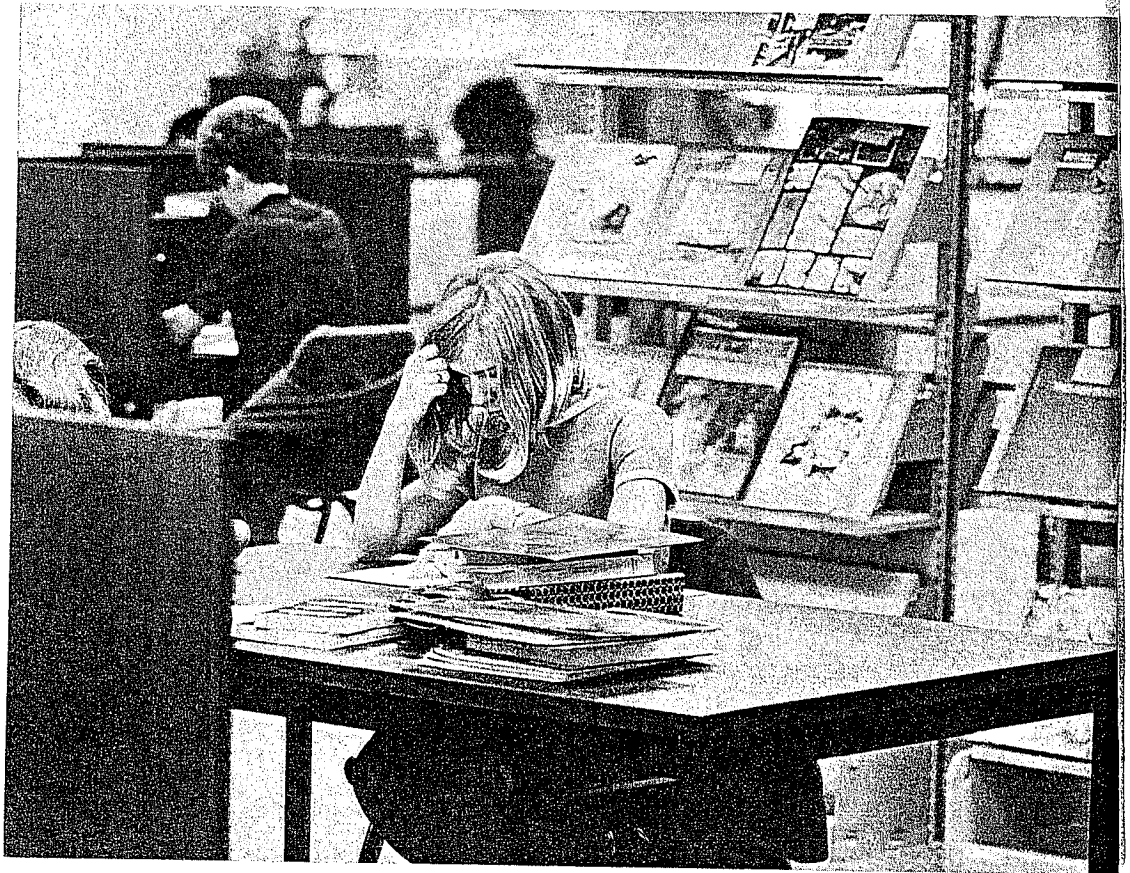


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CALENDAR FOR 1969-70

FALL QUARTER

September 8-19	Advising and registration for new students
September 22-24	New faculty orientation
September 25	Registration
September 29	Classes begin
October 3	Last day to add a class
October 24	Last day to withdraw with an automatic "W"
November 10, 12	Winter quarter advising—no daytime classes
November 11	Holiday, Veterans Day
November 27-28	Thanksgiving vacation
December 15-18	Final examinations
December 19	Faculty workshop—quarter ends
December 29	New students' registration

WINTER QUARTER

January 5	Classes begin
January 9	Last day to add a class
January 30	Last day to withdraw with an automatic "W"
February 20	Spring quarter advising—no daytime classes
March 16-19	Final examinations
March 20	Faculty workshop—quarter ends
March 23-27	Spring vacation
March 26	New students' registration

SPRING QUARTER

March 30

April 3

April 24

June 8-11

June 12

Classes begin

Last day to add a class

Last day to withdraw with an automatic "W"

Final examinations

Faculty workshop—quarter ends



ACCREDITATION

Tacoma Community College is accredited by two agencies: the Washington State Board for Community College Education and the Northwest Association of Secondary and Higher Schools.

M.A.; Washington State University, Ph.D.



ADMINISTRATION

Board of Trustees, Community College District 22

Mrs. Robert (Maxine) Myers, chairman

John Binns, vice chairman

Charles L. Edmunds

Dr. Dewey H. Tuggle, Jr.

College Administration

Thornton M. Ford, President

Paul E. Jacobson, Dean of Instruction

Robert C. Lathrop, Dean of Students

H. J. Schafer, Dean of Community Services

George Van Mieghem, Dean of Administrative Services

Richard C. Falk, Special Assistant to the President for Planning and Resources

Mrs. Doreen Amoroso, Director of the Instructional Resource Center

OBJECTIVES

Tacoma Community College is a publicly owned, publicly supported college. It is designed to provide two years of collegiate study for the people of the Tacoma-Pierce County area.

Individual study programs are designed for each student. Assistance is provided the student so that he might pursue one of the following programs:

- A two-year program of general studies designed to assist the student to assume his place as an effective member of society.
- An academic transfer curriculum paralleling the first two years of university study.
- A supplementary education for those who wish to pursue a vocational or technical training program at the U. H. Bates Vocational-Technical Institute or similar institutions.
- A program of continuing education for adults who desire to pursue one of the regular curricula or engage in intellectual and cultural activities appropriate to a community college.



ORGANIZATION AND HISTORY

Tacoma Community College is one of 22 community colleges in the State of Washington. Under terms of the Community College Act of 1967, the college is administered by a board of five trustees who are nominated by legislators and appointed by the governor. Community College District 22, in which the college is located, is coextensive with the Tacoma and Peninsula school districts. The state system of community colleges is governed by the seven-member State Board for Community College Education.

The Board of Directors of Tacoma School District 10 first applied for authorization to establish a community college in 1961. The revised application was approved in 1963 by the Washington State Board of Education, and the college opened in September, 1965.

The college is located on the west side of the city. Its 150-acre site is bordered by Pearl, Mildred and South 12th and 19th streets. The 19 buildings that presently make up the campus were carefully planned to provide complete student services and to facilitate instructional innovations. Voters of Tacoma School District 10 provided initial construction funds for the college. State matching funds and federal grants have also been used for constructing and equipping the buildings.

The college cooperates with the L. H. Bates Vocational-Technical Institute in vocational education and provides two years of collegiate instruction for the people of the Tacoma-Pierce County area.

GENERAL INFORMATION

1. ADMISSION

The college maintains an open-door policy. Applicants who are graduates of accredited high schools are eligible for admission. Others who can benefit may apply. The college, however, reserves the right to restrict registration to instructional programs which will afford the applicant the greatest prospect for a successful educational experience.

1a. APPLICATION PROCEDURES

Students who expect to register for full-time work (12 or more quarter credit hours) must complete a six-step application procedure. The procedure is shown below. Students who expect to register for fewer than 12 hours may follow a three-step procedure, also outlined below. A student who begins on a part-time basis and later wishes to become a full-time student must fulfill all the requirements listed in Procedure 1.

PROCEDURE 1—FULL-TIME STUDENT

1. Obtain the form "Application for Admission to Washington Higher Institutions." (This form is available from any high school or from the college.)
2. Complete and return page 1 of the "Application for Admission to Washington Higher Institutions" with the required \$5 records fee to:
**Admissions Office
Tacoma Community College
5900 South 12th Street
Tacoma, Washington 98465**
3. Arrange to have pages 2 and 3 of the "Application for Admission" form completed and sent by the high school last attended. Advise the high school to forward the information to the college after completion of grade 12.
4. If the applicant has attended any other college, transcripts must be mailed directly from the previous college (or colleges) attended.
5. The Washington Pre-College Test is required of all full-time students at the college. Arrangements to take this test should be made prior to high school graduation. Students may arrange to take the test on campus by contacting the office of testing and study skills. Although admission to the college is not dependent upon the test results, the test must be taken prior to registration for classes.
6. Each student will receive a Student Health Report form with the acknowledgment of his application. The student assumes the responsibility for completing the Medical History portion and arranging for a physical examination by a licensed physician. The form should be returned to the college at least one week prior to registration for classes. Applicants who are unable to have the physical examination should contact the Health Adviser at the college.

PROCEDURE 2—PART-TIME STUDENT

1. Obtain the form "Application for Admission to Washington Higher Institutions." (This form is available from any high school or from the college.)
2. Complete and return page 1 of the "Application for Admission to Washington Higher Institutions" with the required \$5 records fee to:

**Admissions Office
Tacoma Community College
5900 South 12th Street
Tacoma, Washington 98465**

3. Each student will receive a Student Health Report form with the acknowledgment of his application. Part-time students must complete the Medical History portion of the form and include a negative tuberculosis report when the record is returned to the college. If there is a health problem indicated, the college may request a report from the student's physician. Complete examination by a licensed physician is required before registering for physical education courses. All health reports should be returned to the college at least one week before registration for classes.

1b. RE-ADMISSION

Students who have previously attended the college may be re-admitted upon written request to the Admissions Office.

2. REGISTRATION PROCEDURES

Applicants who have been admitted to the college receive instructions for registration from the Records Office. Registration instructions are made available by the Records Office approximately one month prior to the beginning of each quarter.

The academic adviser: Each full-time student is assigned to an academic adviser. (Full-time students are those who register for at least 12 quarter credit hours.) Every instructor-adviser at Tacoma Community College works with an assigned group of full-time students. The student is expected to plan his quarterly registration with his academic adviser. He also plans a long-range program with his academic adviser. Generally, a student works with the same academic adviser throughout his stay at Tacoma Community College. The Records Officer handles assignments of academic advisers, and questions regarding those assignments should be referred to him.

2a. CLASS SCHEDULE

The quarterly Class Schedule is made available by the Records Office approximately one month before the beginning of each quarter. The Class Schedule indicates the time, place, special fees, and instructor for each class to be offered. Classes are generally offered from 8 a.m. to 10 p.m.

2b. REPEATING A COURSE

A student may repeat a course in which he has received a failing or low passing grade. In computing his cumulative grade point average at Tacoma Community College, the higher grade earned will be used.

2c. CONCURRENT REGISTRATION WITH OTHER INSTITUTIONS

The college cooperates with numerous educational institutions in developing and offering a wide variety of instructional programs. Under conditions determined by the college administration, individual students may be permitted to take certain off-campus instructional programs for credit. Such programs may include independent study, advanced placement, approved correspondence instruction, vocational and technical training.

3. CREDITS AND CREDIT LOAD

The academic year at the college consists of three quarters of approximately 11 weeks each. A credit hour is defined as one class hour each week of the quarter, except for separate credit allowance for laboratory class hours.

Under normal circumstances, taking 15 credits per quarter will permit a student to graduate with an Associate degree after six quarters of study. (See section 10 for physical education requirement.) The academic advisor exercises his professional judgment in approving the student's credit load. In exceptional cases, the academic advisor or the student may request assistance from the Dean of Students in determining credit limitations. Students who are on scholastic probation and students who are filing applications for the Associate degree are advised to check with their academic advisors for specific instructions.

4. TUITION

Quarterly Tuition and Fees for State Residents:

Full Time (12 or more hours)	\$ 70
Part Time per quarter hour	6

Quarterly Tuition and Fees for Non-Resident Students*

Full Time (12 or more hours)	\$170
Part Time per quarter hour	15

*Non-resident students are those who will not have been domiciled in the State for at least one year prior to the first day of classes for which they have registered. Federal employees, both civilian and military, and their children and spouses residing within the State, and staff members of the Community College and their children and spouses are defined under the law as "resident students."

The college reserves the right to require a nonrefundable advance payment of tuition.

5. OTHER COSTS

Special fees will be charged to cover costs in laboratory courses. Nominal charges are made for records handling, program changes, and official transcripts. Additional fees may be charged for individual instruction, student deposits, and other incidentals. Students may purchase textbooks and supplies at the college bookstore.

A list of special fees follows:

Nonrefundable records fee	\$ 5
Nonrefundable advance tuition payment	\$25
Program change	\$ 2
Transcript—first two are free; others	\$ 1
Tuition Loan	
Under \$35	\$ 1
\$35-99	\$ 2
\$100 or more	\$ 3
Physical Education (Nonrefundable):	
Towel fee	\$ 2
Bowling	\$10
Golf	\$ 7
Ice skating	\$ 7
Archery	\$ 2
Swimming	\$ 7
Science	
Chemistry	\$ 3
Geology	\$ 3
Biology	\$ 3
Physics	\$ 3
Art	
Ceramics 201, 202, 203	\$ 3
Sculpture 272, 273, 274	\$ 2

6. REFUNDS

Before the published date for the beginning of the quarter, approved changes in registration which result in a reduction of a student's credit load will be processed for a proportionate refund. (A \$2 fee is charged for program changes initiated by the student.)

After the published date for the beginning of the quarter, refunds will be made only when a student officially withdraws from the college. Official withdrawals will be refunded as follows:

During first, second, and third weeks of classes	50%
After the third week of classes	no refunds

Special fees will be subject to partial refund in accord with the policy used for official withdrawals. The \$25 advance tuition payment, however, is not subject to refund.

All refunds are processed through both the Records and Business offices on official college forms. Where exceptional circumstances are involved, the student may request a review by the Dean of Students.

7. GRADING AND GRADE POINTS

The following system of grading and grade point computation is used in reporting and recording academic achievement:

Grade	Description	Grade points per registered credit
A	Honor	4
B	Good	3
C	Average	2
D	Minimum level of achievement for passing grade	1
E	Failed to complete minimum requirements	0
PW	Withdrawal passing	0
W	Official withdrawal from the course	0
I	Incomplete	0

At the end of each quarter, grade reports are mailed to each student. The college will withhold grades until the student has met all financial and institutional obligations relating to the current quarter.

7a. INCOMPLETE WORK

An "incomplete" grade may be given only when the student is unable to complete the course work for exceptional reasons. In such cases the student assumes responsibility for making suitable arrangements with his instructor. "Incomplete" grades are automatically changed to "E" grades if not made up by the end of the following college quarter.

8. OFFICIAL TRANSCRIPTS

An official transcript is a copy of the student's academic record at Tacoma Community College which has been certified by the Records Office and has the College Seal placed over the certifying signature. UPON WRITTEN REQUEST each student may be furnished two official or unofficial transcripts free of charge. For each additional transcript, a fee of \$1 will be charged. (Official transcripts are usually sent directly from the Records Office to the institution designated by the student. Unofficial transcripts are issued only for the student's reference.)

9. CONFIDENTIAL RECORDS

It is the policy of the college not to release information about its registered students. The college regards as confidential all matters pertaining to course registration, personal data, course grades and official transcripts. At the written request of the student, the college releases official transcripts and other information to intended recipients. In exceptional circumstances, inquiries should be directed to the Dean of Students.

10. DEGREES

Tacoma Community College grants three degrees: the **Associate in Arts and Sciences** for completion of a transfer academic curriculum paralleling the first two years of university study; the **Associate in Technical Arts** for completion of a combined academic and approved vocational or technical training program; and the **Associate in Liberal Arts** for completion of a two-year program tailored to the unique educational aspirations of the student.

General requirements for all degrees are as follows:

1. A cumulative grade point average of 2.00.
2. At least 30 of the last 45 applicable credits must be earned at Tacoma Community College or the L. H. Bates Vocational-Technical Institute.

Specific requirements for each degree are as follows:

Associate in Arts and Sciences—Candidates must complete 90 quarter hours exclusive of physical activity credits in courses numbered 100 or above except for courses in the General Education Program (G-100 courses). Course requirements for the Associate in Arts and Sciences degree may be met by planning a program as outlined in either Option A or Option B.

Option A

1. Communications (at least 8 credits)
English 101 and 102
2. Humanities—any 20 credits
art, drama, literature, foreign languages, music, poetry, philosophy, speech
3. Social Science—any 20 credits (not all from one field)
anthropology, business, economics, education, geography, history, political science, psychology, sociology
4. Math/Science—any 15 credits
(Must include 5 credits in a laboratory science.) biology, chemistry, engineering, forestry, geology, mathematics, oceanography, philosophy 120, physics, zoology
5. Physical Education—any 3 credits*
Three different physical education activities

Option B

A student may meet the first and second year departmental requirements of the institution to which he plans to transfer. A list of these requirements and their equivalencies at TCC must be approved by the appropriate TCC department chairman and submitted to the Associate Degree Committee at least two quarters prior to graduation, preferably by the end of the student's first year at TCC.

Associate in Technical Arts—Candidates must complete 90 credit hours, at least 45 of which must be in an approved technical or vocational training program. The following or an approved equivalency are also required for the Associate in Technical Arts:

1. Communications (12 to 15 credits)
English 101, English 102 and Speech 100 or General Education courses in composition, literature and speech or the first quarter of the General Education Program.
2. Physical Education—waived for this degree

Associate in Liberal Arts—Candidates must complete 90 quarter hours, exclusive of physical education activity credits. All courses offered for credit at Tacoma Community College apply toward this degree. The following are required for the Associate in Liberal Arts degree:

1. Communications (at least 8 credits)
English 101 and 102 or General Education courses in composition, literature and speech.
2. Humanities—any 10 credits
art, drama, literature, foreign languages, music, poetry, philosophy, speech
3. Social Science—any 10 credits
anthropology, business, economics, education, geography, history, political science, psychology, sociology
4. Math/Science—any 10 credits
biology, chemistry, engineering, forestry, geology, mathematics, oceanography, philosophy 120, physics, zoology
5. Physical Education—any 3 credits*
Three different physical education activities

An application for the Associate in Liberal Arts which does not reflect this distribution must be accompanied by a written statement from the adviser to the Associate Degree Committee justifying exceptions. It is the intent of the Associate Degree Committee to recommend acceptance of other credit distributions when they reflect unique aspirations on the part of the student.

***Note:** The physical education requirement may be waived with the approval of the physical education department chairman.

10a. APPLICATION FOR ASSOCIATE DEGREES

Candidates for the Associate Degree will need to submit formal applications on forms provided by the College. Each prospective candidate is advised to contact his academic adviser to begin the application procedure. The formal application is initiated by the student, recommended by the academic adviser and processed by the Faculty Committee on Associate Degrees working with the Dean of Students.

10b. COMMENCEMENT

Commencement is held annually near the end of the spring quarter. Candidates for a degree are expected to attend commencement unless they have been excused by the College President.

11. CHANGE OF PROGRAM

Changes in quarterly registration are permitted on the approval of the student's adviser or, in special cases, by the Dean of Students. All program changes must be made on the Change of Program Request form, which is available at the Records Office. A service fee of \$2 is charged for any change of program initiated by the student. No charge is made for program changes which are initiated by the college.

The Change of Program Request form must be used in making all changes in current registration; for example, adding a class, withdrawing from a class, or substituting one class for another. (Official withdrawal from the college is an entirely separate process described in Section 16.)

12. BEFORE THE END of the fifth week of class, students who are not making satisfactory academic progress will be notified by their instructors. Students are responsible for discussing the matter with their instructors and advisers.

13. WITHDRAWING FROM A COURSE

A student may withdraw from a course with a grade of "W" until the end of the first four weeks of the quarter. Through the remainder of the quarter a student who withdraws from a course may be assigned a grade of "PW" (Passing Withdrawal) or "E." The procedure for withdrawing from a course is outlined under "Change of Program" (Section 11).

14. SCHOLASTIC PROBATION

A. Definition and restrictions

Any student whose quarterly earned grade point average falls below 1.5 is automatically placed on scholastic probation and his course load is subject to these restrictions:

1. A student on scholastic probation whose quarterly grade point average is between 1.0 and 1.49 inclusive, may register for no more than 12 quarter hours of course work at his next registration period.
2. A student on scholastic probation whose quarterly grade point average falls below 1.0 may register for a maximum of eight quarter hours of course work at his next registration period.

B. Change of Program

The student on scholastic probation will be so notified at the time he receives his grade report at the end of each quarter. At this time he must meet with his adviser to re-evaluate his course load to conform to the restrictions imposed by the scholastic probation.

C. Appeal

Any student on scholastic probation may be allowed to carry a class-hour load in excess of those imposed by the restrictions, if, in the judgment of his adviser and a counselor, conditions make it advisable for him to do so.

D. Termination of course load restrictions

A student on scholastic probation who earns a 1.5 grade point average or better during any quarter is released from registration restrictions during the following quarter but remains on probation until his cumulative grade point average rises above 1.5.

E. Restricted registration

The student who remains on scholastic probation for three consecutive quarters (excluding summer quarter) will not be eligible for further registration at the college until one quarter has elapsed. The Advisory Council may consider exceptions to this regulation.

15. CAMPUS REGULATIONS

The academic community, by its very nature, places emphasis on individual responsibilities. Members and friends of the college community commonly support the institution's need to maintain an environment which is conducive of learning and to the free exchange of ideas. The following limitations are imposed to protect the right of the majority while the college serves their educational needs. By their actions, individuals who are unwilling or unable to accept these limitations effectively remove themselves from the college community.

1. Smoking is not permitted in classrooms or in other areas which are used for instructional purposes.
2. Gambling, wilful destruction of public property, the possession or use of intoxicants, or any illegal acts as defined by law, are prohibited on college property and in the conduct of college affairs, and are dealt with in a manner prescribed by law.
3. Behavior which interferes with institutional objectives is not permitted on the campus.

15a. DISCIPLINARY ACTIONS

When in the judgment of the administration, a disciplinary restriction will serve the best interests of the college and the individual's pursuit of education, one of the following actions may be instituted:

DISCIPLINARY WARNING: Formal action taken by proper college officials notifying the student that continued misconduct may result in one of the disciplinary actions. A letter is placed in the student's file with copies to the Dean of Students. Information of this action is not forwarded to another educational institution.

DISCIPLINARY PROBATION: Formal action by the proper college officials placing certain conditions on the student's continued attendance in the college. It may be used when a student has violated one of the college's rules and regulations or has been involved in academic misconduct.

SUSPENSION: When in the judgment of the president of the college suspension is warranted, such recommendations shall be made by the president to the Board of Trustees. Suspension results in a temporary dismissal from the college for a specified period to be determined by the Board of Trustees. Note: No refund of tuition and fee is granted in this case.

EXPULSION: Should it become necessary to permanently exclude a student from the college, expulsion proceedings will begin. The president of the college must review all expulsion cases. Final action will be taken by the Board of Trustees, upon the recommendation by the President of the college. Note: No refund of tuition and fee is granted in this case.

Individuals have the right of appeal, and review procedures have been established.

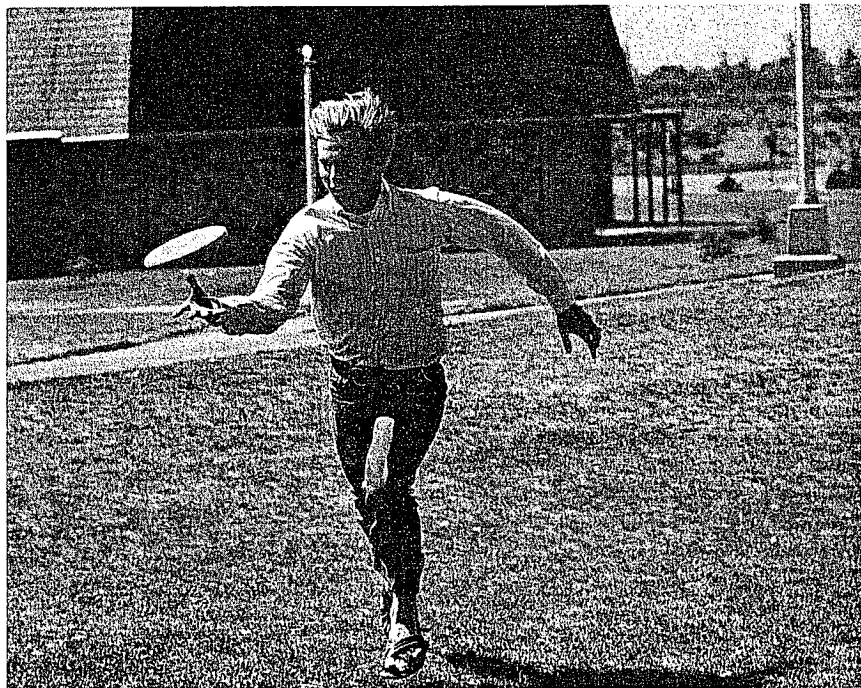
16. WITHDRAWAL FROM COLLEGE

Any student who finds it necessary to withdraw from the college should do so through one of the counselors. (Counselors are located in the Information Center and in Buildings 6, 9 and 17.) Withdrawing from the college is an official process which assures the departing student that his college records will accurately reflect the facts relating to his departure. The student who does not officially withdraw, but who merely ceases to attend classes, will be recorded as having failed each course for which he is currently registered. Official withdrawal from the college requires written communication from a counselor to the Records Office. In special cases, official withdrawal may be initiated by the Dean of Students.

17. CAMPUS PARKING

Registered students are authorized to park in unrestricted parking stalls in campus parking lots. Cars parked in other areas may be impounded. As a part of the registration process students are required to provide the college with accurate and complete information regarding automobiles which the students intend to park on the campus.

Failure to do so may result in a \$5 fine. Parking citations are issued for improper parking and for parking in unauthorized areas, such as driveways, reserve parking stalls, emergency exit areas and construction areas. Upon receipt of a citation the violator must pay his fine at the Business Office within 72 hours. Copies of parking and traffic regulations are available from the campus security officer, Building 7.



STUDENT SERVICES AND ACTIVITIES

A student's participation in college activities outside his regular classes is an important part of his college life. Tacoma Community College encourages each student to participate in student government and in various sponsored activities. The office of the Dean of Students coordinates and supervises numerous programs, activities and services which are designed to promote the welfare of the students and the college.

ADVISING

Assistance in academic planning in the selection of courses is available to every student. Instructors advise students in matters relating to the instructional program.

STUDENT INFORMATION CENTER

The Student Information Center located in Building 5 is for the convenience of all currently enrolled and prospective students of Tacoma Community College. Admissions, counseling, financial aid, health services and student employment are the basic services offered. The Center has up-to-date information and brochures concerning career planning, transferring to other schools and other services provided at Tacoma Community College. Vocational aptitude and interest tests are available.

Students are encouraged to visit the center at any time between 8 a.m. and 9 p.m.

COUNSELING

Professional counselors are available to assist students with vocational, personal, and academic planning. Students who experience difficulties in adjusting to academic work or college life may find it helpful to talk with a counselor. All conferences are confidential and students are free to request the counselor of their choice.

Improvement of the individual's communication skills, social awareness and goal-setting is available through group counseling.

Counseling offices are located in the Information Center and in Buildings 6, 9 and 17. Students seeking special assistance may see a counselor during the day or evening hours. Appointments are encouraged as a convenience to students; however, students should feel free to drop by at any time.

INSTRUCTIONAL RESOURCES AND SERVICES

The Pearl A. Wanamaker Library and Instructional Resource Center is located in the center of the campus. Its staff and facilities are dedicated to serving the needs of students, faculty, and adults of the community with

resources to facilitate learning and cultural enrichment. The 48,000-square-foot building includes: (1) a library of 40,000 volumes and 600 periodicals, as well as pamphlet, microfilm, and audiovisual materials; (2) an audio-visual center which contains a darkroom and other facilities for graphics and media production and duplication services; (3) a television complex including two studio areas; (4) learning laboratories, including a listening laboratory, a study skills laboratory, a mathematics laboratory and a business machines laboratory; (5) two classrooms and several seminar rooms and offices.

Community support for the library has been expressed through the activities and gifts of Friends of the Tacoma Community College Library, a non-profit organization with an open membership. Individuals and other organizations in the community have also provided a number of significant gifts.

STUDY SKILLS AND TESTING

As a service to its registered students, the college provides facilities to improve study skills, i.e., reading speed and comprehension, vocabulary, time-management, note-taking, listening and other skills needed for success in college.

The college's study skills and testing officer employs a variety of tests in order to identify a student's needs and develop a program that is helpful to him. The study skills and testing laboratory is located in the Pearl A. Wanamaker Instructional Resource Center.

HEALTH SERVICES

The college operates a health center and provides services appropriate to its objectives as a "commuter" institution. The assistance of a registered nurse is available in Building 5.

FOOD SERVICES

The college snack bar in Building 15 and the cafeteria in Building 11 complement each other in providing food services for both day and evening students. The cafeteria provides meals, while the snack bar offers light meals and refreshments throughout the college day.

TRANSPORTATION

During the academic year regular and frequent bus service is available to the campus. Adequate parking facilities are available on campus for private automobiles.

COLLEGE BOOKSTORE

The college bookstore, located in Building 6, stocks supplies, materials and textbooks.

ACTIVITIES

The activities coordinator works with student government and student groups to develop and encourage activities that meet student needs and desires and are consistent with the college's purposes.

ATHLETICS

The college competes with other community colleges in cross country, basketball, track, golf and tennis. A program of intramural athletics is available to men and women students.

MUSICAL GROUPS

As part of its music program, the college has organized a number of musical groups in which students participate. These include the TCC Choir, Choraliers, Ensemble, Chamber Orchestra and Concert Band.

JOB PLACEMENT SERVICES

The college maintains a placement office in Building 5 to assist currently registered students in securing part-time off-campus employment. In cooperation with numerous community agencies, the college also assists in finding full-time employment for students who have earned the Associate degree.

FINANCIAL AID

Financial assistance is available to a limited number of qualified applicants in several forms.

1. In cooperation with the federal government, the college participates in both the Educational Opportunity Grant program and the College Work-Study program. The Educational Opportunity Grant program exists to help youth of exceptional financial need who will need special and carefully planned financial assistance. The College Work-Study program provides part-time employment for financially qualified students.
2. The college has a limited number of part-time positions that are necessary to insure smooth operation of the many and varied programs. These positions are staffed by qualified students.
3. The college administers funds from a private source in the form of no-interest tuition loans. Students interested in applying for these limited funds should do so in advance of registration.
4. The college receives from private sources and service clubs a number of scholarships which each year are awarded to qualified students. Some of these scholarships are awarded directly by the donor and some are given to the College Scholarship Committee to award.

The following is a partial list of organizations contributing to the financial aid program:

Alpha Delta Kappa
American Business & Professional Women's Association, Puyallup Chapter
American Business Women's Association, Tacoma Chapter
American Contract Bridge League
Clover Park High School Art Club
Grand Lodge I.B.P.O.E. of W.

Kiwanis Club of South Tacoma
Kiwanis Club of University Place
Leif Erickson Memorial Association
Royal Social Club
Southeast Tacoma Lions
S.P.E.B.S.Q.A., Inc.
Tacoma Active 20-30 Club
Tacoma Altrusa Club
Tacoma Chapter, National Defense Traffic Association
Tacoma Community College Association
Tacoma Community College Staff Association
Tacoma School Food Service Association
Tacoma Yacht Club
The Contessa Club
Washington Congress of Parents and Teachers, Inc.
West End Kiwanis Club
West Tacoma Optimist Club





SCHOLARSHIP AND SERVICE AWARDS

PRESIDENT'S MEDAL

At Commencement, the person who has the highest cumulative grade point in at least 45 credit hours at the college shall receive the President's Medal.

PRESIDENT'S LIST

The President's list, announced annually at Commencement, lists those students who have earned at least 24 credit hours at the college and who have at least a 3.60 cumulative grade point average. Students who have qualified for this recognition shall be graduated with "distinction," which shall be so noted on their diplomas.*

HONORS

Those persons who graduate with a cumulative grade point average of 3.25 or higher shall be graduated with "honors."*

DEAN'S LIST

The Dean's List is a quarterly roster of all full-time students who have earned at least a 3.00 grade point average for the quarter.

SERVICE AWARDS

Individuals who have contributed to the growth of the college in some outstanding way may be recognized with the Service Award at the time of their graduation.

*Computations for these awards are based on the previous five quarters of college work. Additions will be made to these lists if a sixth quarter of college work qualifies a student for such distinction.

PHYSICAL FACILITIES

The **Pearl A. Wanamaker Instructional Resource Center** (Building 1) houses the library as well as offices, audio-visual services, the study skills laboratory, the listening laboratory and two television studios. At 48,000 square feet, it is the largest building on the campus. It was named after Mrs. Pearl Wanamaker, long-time state superintendent of public instruction.

The **Business Office** (Building 2) is located at the north end of the campus for easy accessibility for visitors.

The large **Lecture Hall-Little Theater** (Building 3) seats 343 persons. It is used for large lecture classes during the peak morning hours and also serves as a facility for drama classes and dramatic and musical productions. It contains an electronic classic organ donated by Mrs. Jane McKee in memory of her husband, the late Lawrence K. McKee.

The **Giaudrone Fine Arts Building** (Building 4) houses music and art classes. It was named after Dr. Angelo Giaudrone, Tacoma school superintendent.

Building 5 and its annex house the Student Information Center and the Records Office.

Building 6 houses student government offices and the bookstore.

Buildings 7, 18 and 19 are classroom buildings. **Buildings 8, 12 and 16** are large lecture halls which seat 98 persons. The security office and the buildings and grounds office are also housed in Building 7.

Buildings 9 and 17 are faculty office buildings.

The **Science Building** (Building 10) consists of one large lecture hall, storage space, a central corridor for preparation of laboratory demonstrations and five laboratories for biology, chemistry, geology and physics.

The **Food Services Center**, where snacks and light meals are available throughout the school day, is designated Building 11.

The **Administration Building** (Building 14) houses the offices of the president and other academic officers.

Building 15 consists of classrooms, a large lecture hall, and a snack bar.

The **Physical Education Building** (Building 22) provides space for men's and women's physical education courses. The building also provides a site for large public events such as dances and commencement.

PUBLICATIONS

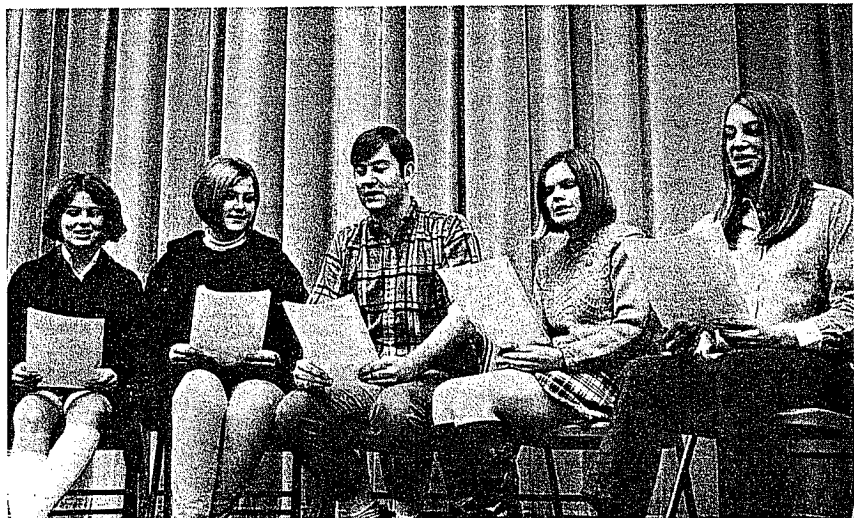
To meet various needs, the college and its students issue a number of publications. These include:

- The college catalog, issued annually, which includes the college calendar, general information about application, registration, fees and other such data, course descriptions and a faculty roster.

- A student handbook, a joint effort of the student government and the administration, is designed to acquaint new students with information they need about the college and its activities.
- The **Cronus**, a student-owned, student-edited publication which records the events of the school year.
- The student newspaper, **The Collegiate Challenge**, published weekly except for examination and vacation periods.
- **Update**, a monthly newsletter designed to acquaint the public with developments at the college.

COMMUNITY ASSISTANCE

- A 10-acre arboretum is being developed at the southeast corner of the campus, near south 18th and Pearl Streets, with the assistance of the Capitol District of the Washington State Federation of Garden Clubs.
- The Friends of the Tacoma Community College Library, Inc., consists of community-spirited citizens who believe in the importance of the library's service to students and the community at large. They are concerned with the institution's welfare and promote its growth as a cultural and research center.
- The Tacoma Community College Foundation, a non-profit corporation, was organized in 1967 by a group of community leaders. Its purpose is "to promote public education by assisting Tacoma Community College and its faculty and students in any and all of their educational and cultural endeavors" It has been granted tax-exempt status by the Internal Revenue Service.





COURSES AND INSTRUCTIONAL PROGRAMS

Courses at Tacoma Community College are designed for four different programs: community services, General Education, university parallel, and vocational programs.

Courses numbered 100 and above are designed to be parallel to courses found in senior institutions with the following exceptions:

1. Courses with the prefix "C" are community service courses which may or may not be transferable to senior institutions.
2. Courses with the prefix "G" are General Education courses, designed especially for TCC students. General Education courses usually do not have specific counterparts in senior institutions and may or may not be transferable.

COMMUNITY SERVICES PROGRAM

The community services program is concerned with identifying unrealized community potentialities and unmet community needs, drawing together resources of the college and in the community, and creating appropriate educational programs. Its function is to provide opportunities for adults from all segments of the community to pursue cultural, educational and intellectual activities of particular interest to them. The college makes instruction in a wide variety of areas available on and off the campus. The college is responsible for high school completion for adults, which is offered at Lincoln High School. College-level courses are offered at such off-campus locations as McChord Air Force Base, McNeil Island Federal Penitentiary and Peninsula High School.

The community services program has the capacity to custom-design special educational programs for businesses and professional organizations, unions and other community groups. In addition, the college offers each quarter a series of courses designed for people who wish to pursue particular intellectual activities or to learn new skills. These include such courses as astronomy, geology, advertising, real estate investment, ceramics and literary discussions. The college, moreover, regards it as its responsibility to contribute to the solution of social problems. This concern has led to such programs as supplying educational services for the development of Black-owned businesses, the training of disadvantaged persons on the New Careers program.

Individuals or groups interested in developing classes, forums, discussion groups, lecture series or professional in-service seminars are asked to contact the Dean of Community Services.

GENERAL EDUCATION PROGRAM

The General Education program is designed to provide academic courses for those students who aspire to an Associate Degree in Liberal

Arts. During the first quarter all students will be registered in introductory courses in communications, social studies, and study skills. In subsequent quarters students, with the assistance of the Director of General Education, will select courses from the full-time liberal arts curriculum which includes work in the humanities, social sciences, and math-science.

Students may transfer into the university-parallel program with approval of the Director of General Education. Courses in the General Education program frequently have no direct counterpart at four-year colleges. Consequently, transferability of credits will probably be determined by the four-year institution on the basis of individual performance.

UNIVERSITY-PARALLEL PROGRAM

The university-parallel program is designed to provide the students with academic experience equal to the first two years of a four-year baccalaureate program or of a professional program. A student may expect to be able to transfer up to 90 quarter credits in addition to credits in physical education.

Specific courses should be selected in consultation with the academic adviser and in the light of the general requirements of the department and institution to which the student wishes to transfer. Generally speaking, students are encouraged not to specialize too early in fulfilling college and university requirements. However, it is often possible to transfer 20 to 25 hours of credit from one specific area of concentration. In some professional fields, it is advisable for students to transfer at the end of the first year. The student should maintain close contact with his academic adviser and with the transfer institution of his choice on all matters relating to his program.

CAREER RELATED PROGRAMS

The college, in cooperation with various agencies, provides education leading to proficiency in various careers. These programs include:

THE INSTITUTE IN CONTEMPORARY CORRECTIONS AND THE BEHAVIORAL SCIENCES

The institute is a cooperative venture developed jointly by the U. S. Penitentiary at McNeil Island and the college. The primary purpose of the two-year program is to improve the competence of the career correctional officer by providing educational experience. A certificate in contemporary corrections is granted at the conclusion of the first year, and the college grants an Associate degree on completion of the second year of work.

LAW ENFORCEMENT

The Associate degree program in law enforcement is a cooperative educational venture developed jointly by the Tacoma Police Department and the college. The primary purpose of the two-year program is to upgrade the competence of career police officers.

NURSING

A cooperative program for the education of registered nurses, developed jointly by St. Joseph's Hospital School of Nursing and the college, leads to an Associate degree granted by the college at the end of two years and the registered nurse's diploma granted by the school of nursing at the conclusion of three years work.

X-RAY TECHNOLOGY

The college cooperates with the schools of X-ray technology at both St. Joseph's Hospital and Tacoma General Hospital in a 24-month program to prepare students for careers as X-ray technicians. The program leads to an Associate degree granted by the college and certification as a registered X-ray technician.

MEDICAL RECORDS

The college cooperates with St. Joseph's Hospital School of Medical Records Technology in a 24-month program designed to prepare students for careers as medical records technicians. The program leads to an Associate degree granted by the college and certification as a medical records technician.

Information about any of the above programs may be obtained from the Dean of Community Services at the college.

DIVISIONAL GROUPINGS

For purposes of organization, the college curriculum is divided into three divisions: Humanities, Social Science, and Math-Science. The subject matter included in the three areas is as follows:

Humanities

Art
Communications
Drama
English
English Literature
French
German
Music
Philosophy
Russian
Spanish
Speech

Social Science

Anthropology
Business
Economics
Education
Geography
History
Physical Education
Political Science
Psychology
Social Science
Sociology
Typing

Math-Science

Biology
Chemistry
Engineering
Forestry
Geology
Mathematics
Oceanography
Physical Science
Physics
Zoology



COURSE OFFERINGS

ANTHROPOLOGY

- 100 **Introduction to the Study of Man: (5)**
Introduction to the sub-fields of anthropology including physical anthropology, archaeology, socio-cultural anthropology and linguistics through the study of human biological, cultural and social evolution and through consideration of the present biological and socio-cultural variations of mankind.
- 201 **Principles of Physical Anthropology: (5)**
The study of human and non-human primate evolution through the fossil record and the genetic, morphological, and behavioral variability of living forms; modern populations studied in terms of human genetics and human ecology.
- 202 **Principles of Social Anthropology: (5)**
Introduction to the analysis of social and cultural systems through consideration of the kinship, economic, political, and religious organization of selected communities around the world.
- 205 **Principles of Archaeology: (5)**
An introduction to the methods and techniques of archaeology such as excavation, dating, and analysis of artifacts for the purpose of demonstrating the processes involved in reconstructing prehistory.
- 251 **The Material Cultures of Non-Western Peoples: (5)**
A cross-cultural survey of the material products of non-western people; emphasis on relationships of such products as tools, art, and clothing to other aspects of culture.

270 **Field Course in Archaeology: (12)**

A project designed to teach the methods and techniques of excavation through student participation in a "dig"; actual excavation of a local Indian archaeological site. (Offered summer quarter only.)

Prerequisite: permission.

ART

Most four-year colleges require that art majors take a full year of design and drawing. We recommend that students intending to transfer in art plan to fulfill such a requirement.

100 **Appreciation of the Visual Arts: (5)**

(For non-majors, not a prerequisite for the art program)

Designed to lead to an understanding and appreciation of the visual arts—painting, sculpture, architecture, etc.; lecture and studio.

105 **Beginning Drawing: (3)**

General exploration of various techniques and media through the study of composition, perspective, and form.

106,107 **Drawing: (3,3)**

Further development of basic skills in rendering with emphasis on compositional concepts.

Prerequisites: Art 105, for 106; 106 for 107.

109 **Beginning Design: (3)**

Fundamentals of art structure as the basis for creative work; organizing of line, shape and color in space; studio.

110 **Design: (3)**

Emphasis on materials in the approach to design.

Prerequisite: Art 109.

129 **Appreciation of Design: (3)** (not offered 1969-70)

Lecture and studio work concentrating on design as applied to contemporary living.

201 **Beginning Ceramics: (3)**

Basic introduction to hand building techniques and decorating methods.

Prerequisites listed below; see*

202, 203 **Ceramics: (3, 3)**

Experiences in wheel throwing and glaze experimentation in addition to furthering skills acquired in 201.

Prerequisites: Art 201 for 202; 202 for 203.

205 **Lettering: (3)**

Study and design of basic lettering forms with emphasis on handlettering for commercial and individual needs; pen, brush, ink, and pencil.
No prerequisite.

212, 213 **History of Western Art: (5, 5)**

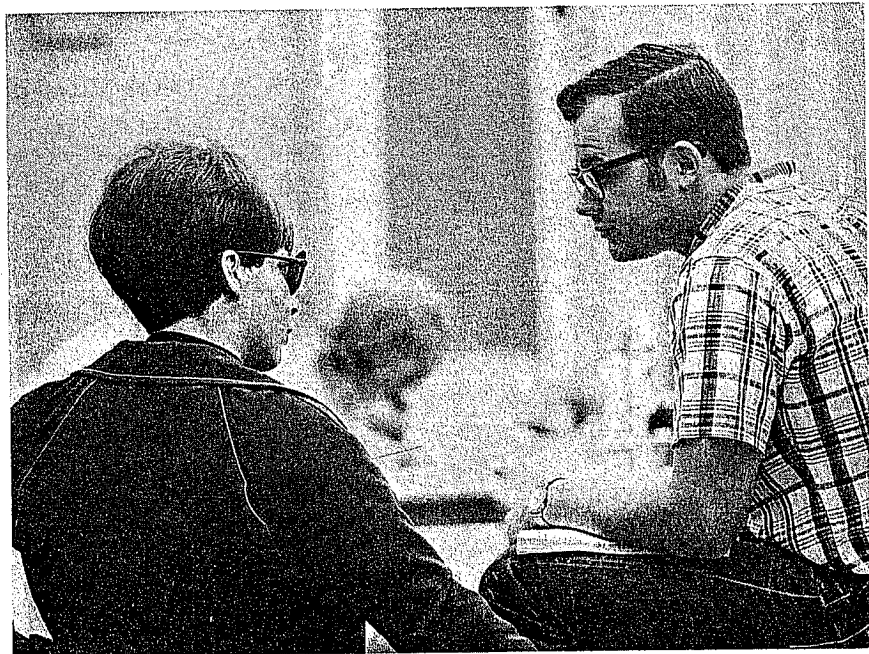
An introduction to the major achievements and the principal media from pre-historic time to the present; illustrated lectures: 212, Ancient through Gothic to Early Renaissance; 213, High Renaissance to Modern period.
No prerequisite.

250 **Printmaking: (3)**

Basic principles of printmaking methods, including relief (woodcut, linoleum, block print), stencil (silkscreen) and intaglio (etching, engraving, collograph).
Prerequisites: Listed below; see*

256 **Beginning Oil Painting: (3)**

Emphasis on individual expression through the study of historical styles and methods; landscape and still life.
Prerequisites: Listed below; see*



- 257 **Oil Painting: (3)**
 Exploration of contemporary painting styles and techniques; landscape, still life, and figure.
 Prerequisite: 256 for 257
- 258 **Beginning Water Color: (3)**
 Study of basic techniques of water color, including projects in still life, landscape, and experimental composition.
 Prerequisite: Listed below; see*
- 259 **Water Color: (3)**
 Principles of composition and design as well as study of color and the understanding and mastery of technical problems in handling of water colors.
 Prerequisite: Art 258 for 259.
- 265 **Advanced Problems: (3)**
 Investigation of media with emphasis on development of individual skill.
 Prerequisite: permission of instructor.
- 272 **Beginning Sculpture: (3)**
 Emphasis of fundamentals of three-dimensional design (in the round and relief) and experimentation in sculptural media and techniques.
 Prerequisites: Listed below; see*
- 273, 274 **Sculpture: (3, 3)**
 Further exploration of sculptural composition, materials, approaches, and techniques.
 Prerequisites: 272 for 273; 273 for 274.
 *REQUIREMENTS FOR ADVANCED COURSES (Ceramics, oils, water colors, sculpture, and printmaking):
 Any two quarters of design or drawing, preferably a quarter of each. The second quarter may be taken concurrently with an advanced course.

BIOLOGY

- G-100A **Biological Science: (5)**
 A survey of biological principles derived from a study of the plant and animal kingdoms.
- 101, 102 **General Biology: (5, 5)**
 The principles of biology as they apply to both plants and animals; origin and nature of life, processes by which it maintains and increases itself, varied living forms, basic biological principles.
 Prerequisite: Biology 101 for 102.

- 103 **General Biology: (5)**
A molecular approach to the study of biology; an investigation of the chemistry of living systems, starting with the structure and function of the cell.
Prerequisite: High school chemistry or the equivalent, and Biology 102.
- 106 **Contemporary Biological Problems: (5)**
A survey of the biological problems which man has created for the living world as they relate to his existence and well being.
Prerequisite: Biology 101.
- 108 **Natural History of the Northwest: (5)**
Plants and animals of the Pacific Northwest.
Prerequisite: Biology 101.
- 201 **General Microbiology: (5)**
The classification, physiology, and techniques for cultivation of bacteria and other micro-organisms.
Prerequisite: Biology 101.

BUSINESS

- G-100A **Personal Finance: (5)**
A course in consumer education covering personal finance, budgeting, buying goods and services, and an understanding of interest rates.
- 101 **Business: An Introductory Analysis: (5)**
A course especially designed for students wishing to explore opportunities in the field of business. Examines the role of business in a modern economy, including its growth, structure, organization, and relationship to environment. Examines business firms: their objectives, functions and management. Examines problems of organizations, decision making, controls, and related aspects.
- 200 **Legal Factors in the Business Environment: (5)**
A preliminary analysis of business law, through the study of simple contracts, their performance and remedies for breach; the application of the uniform commercial code to general business practices; an analysis of the more common business associations existing in the business community and the resultant effect of each association.
- 210 **Fundamentals of Accounting: (5)**
An introduction to the structure, development, and interpretation of accounting data and financial statements derived from the operations of a business entity.



220 Fundamentals of Accounting (5)

Continuation of Accounting 210. Emphasis on the distinguishing elements of manufacturing, partnership, and corporate accounting; includes those factors of accounting involved with decision making.

Prerequisite: Business 210.

256 Statistical Analysis: (3)

A survey of the basic elements of descriptive statistics: use of the library as a source of business data; measurements; useful analysis data; methods of data presentation.

Prerequisite: Mathematics 101 or equivalent.

CHEMISTRY

100 Principles of Chemistry and Physics: (5)

(For students with no previous training in chemistry.)

The study of atoms, molecules and chemical and physical changes; a survey of the fundamental principles.

101 Survey of Chemistry: (5)

(For non-science and non-engineering majors.)

An examination of molecular theory, quantitative relationships, solutions, acids, bases, and salts.

Prerequisites: High school chemistry or Chemistry 100, and high school algebra or Math 101. Math 101 may be taken concurrently.

- 102 **Survey of Chemistry: (5)**
(For non-science majors.)
Organic compounds: hydrocarbons, alcohols, aldehydes, ketones, ethers, acids, fats, proteins, and carbohydrates. Students planning to take Chemistry 231 should not take Chemistry 102.
Prerequisite: Chemistry 101.
- 103 **Survey of Chemistry: (5)**
(For non-science majors.)
A survey of the compounds and reactions of the major families of chemical elements; nuclear reactions. Prerequisite: Chemistry 101.
- 140 **General Chemistry: (5)**
(For science, engineering, and other majors requiring more than one year of chemistry.)
Structure of matter, atomic theory, quantitative relationships, and reactions.
Prerequisites: High School chemistry or Chemistry 100, and Math 101 or one year of high school algebra.
- 150 **General Chemistry: (5)**
Stoichiometry, aqueous solutions, kinetics, acid and base equilibria, electrochemistry, oxidation and reduction.
Prerequisite: Chemistry 140.
- 160 **General Chemistry: Qualitative Analysis: (5)**
Periodic systems, phase equilibria, metals and non metals, metallurgy and nuclear reactions; semi-micro qualitative analysis for common cations and anions.
Prerequisite: Chemistry 150.
- 221 **Quantitative Analysis: (5)**
Volumetric and gravimetric analysis.
Prerequisite: Chemistry 160.
- 231 **Organic Chemistry: (5)**
(For students who need only two quarters of organic chemistry.)
Structure, nomenclature, reactions, and synthesis of the main types of organic compounds.
Prerequisite: Chemistry 160.
- 232 **Organic Chemistry: (5)**
Continuation of Chemistry 231
Prerequisite: Chemistry 231

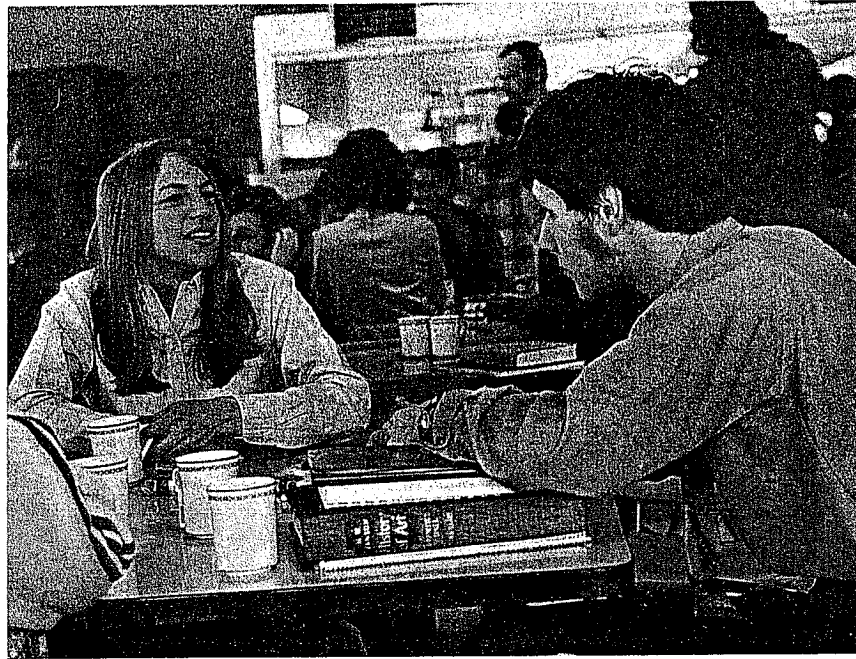
COMMUNICATIONS

- 100 **Newspaper Workshop: (1) Maximum: 6 credits**
(3 credits applicable to humanities distributive requirement.)
Practical experience in problems of newspaper production; students work in various capacities on the staff of THE COLLEGIATE CHALLENGE.

- 200 **News Writing: (3)**
Techniques of writing news and feature stories: reasonable proficiency in the use of the typewriter required.
- 201 **Communications Today: (2)**
An introductory course in theory, including analysis of the communications process and a survey of the contributions of various disciplines to mass media news, advertising, and editorial interpretations.
- 202 **History of the Press in America: (2)**
An examination of the ideas and the men that shaped the American press.
- 203 **The Press in Contemporary America: (2)**
A study of the responsibility of the press, including the ethics of journalism.
- 250 **Survey of Radio and Television: (3)**
A history of the industry—both radio and television—including the organization and regulation.
- 251 **Broadcast Performance: (3)** (Not expected to be offered in 1969-70)
An examination of the problems of performance, including the techniques of demonstration and interviewing.
Prerequisite: Communications 250.
- 260 **Radio and Television Production: (3)** (Not expected to be offered in 1969-70)
A general view of performance, including timing, microphone set-ups, lighting, sound effects, and music.
Prerequisite: Communications 250.

DRAMA

- 100 **Rehearsal and Performance: (2) Maximum: 6 credits**
Participation in play production. After tryouts and assignments, the class is composed of the actors and technicians in the college-produced play.
- 101 **Introduction to the Theater: (5)**
Designed to acquaint the student with the nature of theater art—its elements and its present state; emphasis on modern American theater.
- 151, 152, 253 **Acting: (3, 3, 3)**
Class and laboratory study of the basic principles and techniques of acting; improvisation in pantomime and dialogue; scenes from plays are prepared and performed.



210, 215, 220 **Technical Production: (3, 3, 3)**

Lecture, laboratory course in basic theories, construction, techniques, and equipment of stage scenery, lighting, and scene painting; crew work on college shows required in addition to scheduled class hours.

ECONOMICS

200 **Introduction to Economics: (5)**

An introductory study of the American economy with its background, operation, and problems; American capitalism compared with communism and socialism.

201 **Principles of Economics: (5)**

A study of the operation of the American economy with emphasis on prices, wages, production, and distribution of income; the American economy viewed in terms of the world economy.
Prerequisite: Economics 200.

EDUCATION

200 **Introduction to American Education: (3)**

An introduction to education as a profession, including study of the nature and scope of American education as well as an exploration of the teacher's role.

ENGINEERING

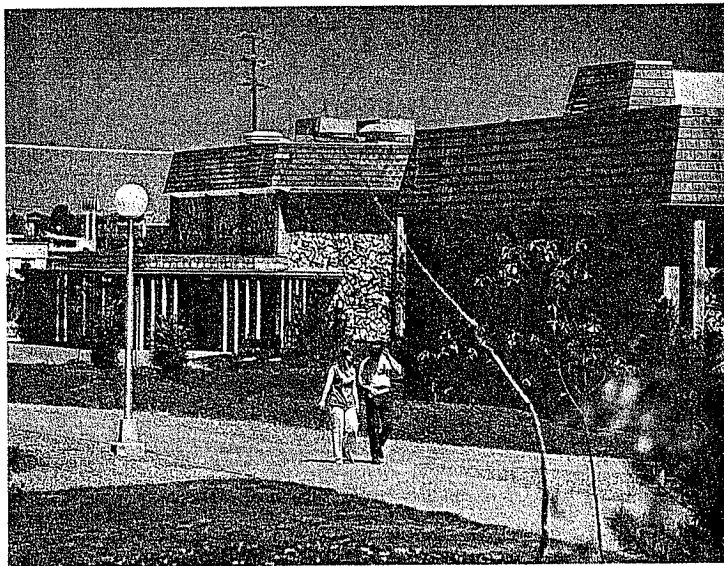
- 100 **Engineering Orientation: (1)**
An introductory view of the fields of engineering including lectures, discussions, and reading assignments; designed to acquaint the student with the fields of engineering and the opportunities in each.
- 101, 102 **Engineering Graphics: (3, 3)**
Drawing—acquaints the student with the use of instruments, scales, lettering and line work; work on orthographic projection, reading and interpretation of engineering drawings, diagrams, notes and other forms of graphic representation.
Prerequisite: Engineering 101 for 102.
- 103 **Applied Descriptive Geometry: (3)**
Use of graphics in the solution of problems in different fields of engineering; includes point, line, plane problems, intersections, developments and vectors in three dimensions.
Prerequisite: Engineering 102.
- 111 **Engineering Problems: (3)**
An introduction to some fundamental principles, including dimensional analysis, statics, rectilinear motion with uniform and non-uniform acceleration, vector algebra, and Newton's laws; designed to develop the ability to analyze and solve engineering problems.
Prerequisites: High school physics or equivalent, and Math 105. Math 105 may be taken concurrently.
- 112 **Statics: (3)**
A fundamental and rigorous course in engineering statics using the vector notation treatment.
Prerequisites: Engineering 101, 111, and Mathematics 124. Math 124 may be taken concurrently.

ENGLISH

- G-100A **Beginning Writing: (5)**
An introductory study of oral and written techniques designed to assist the student in improving the basic skills required to communicate effectively.
- G-100B **Composition: (5)**
Development of basic skills necessary to writing effective sentences, paragraphs, and short essays; an introduction to literature.
- G-100C **Literature: (5)**
Study of the short story, novel, and drama, with emphasis on expository writing.

- 101, 102 **Composition: (5, 5)**
 Application of the basic rules of composition through exercises in expository, descriptive, and argumentative writing; collateral readings in fiction and non-fiction included.
 Prerequisite: English 101 for 102.
- 104 **Comprehensive English Composition: (5)**
 A practice course in the basic skills of written communication: stress on expository prose and technical report writing.
- 110 **Developmental Reading: (2)**
 A course designed to assist the student in developing more effective study techniques; emphasis on improving reading rate, comprehension, and vocabulary.
- 277, 278 **Creative Writing: (3, 3)**
 Beginning courses in fiction writing to help students develop their abilities and appreciate what others have accomplished.
- 240 **World Literature: (5)**
 A survey of classics of the ancient world including the *Iliad* and *Odyssey*, representative Greek dramas, and works of the Roman writers such as Virgil and Ovid.
- 241 **World Literature: (5)**
 A survey of the main works of the Middle Ages, the Renaissance, and the neoclassic age, ranging from the medieval romance to Cervante's *Don Quixote*; works of Dante, Boccaccio, and Rabelais; works from Voltaire and Rousseau.
- 257 **Introduction to Poetry: (5)**
 (For non-majors)
 A study of poetry based on readings primarily from British and American sources.
- 258 **Introduction to Fiction: (5)**
 (For non-majors)
 A study of fiction based on readings of short stories and novels.
- 259 **Introduction to Modern Drama: (5)**
 (For non-majors)
 A study of modern drama based on readings of twentieth century plays.
- 264 **English Literature: From Beowulf through Donne: (5)**
 A survey of English literature from the beginnings to 1600, with emphasis on major figures and types; includes Beowulf, Chaucer, Spenser, and Shakespeare.
- 265 **English Literature: From Milton through Blake: (5)**
 A survey of English literature from John Donne through William Blake, with emphasis on Milton, Pope, Swift, Fielding, and Johnson.

- 266 **English Literature: From Wordsworth through Hardy: (5)**
A survey of English literature from William Wordsworth through Thomas Hardy, with emphasis on the Romantics and Victorians.
- 267 **American Literature: From the Beginnings to 1860: (5)**
A survey of American literature from the beginning through the Civil War with emphasis on Edwards, Franklin, Cooper, Hawthorne, Thoreau, Emerson, and Melville.
- 268 **American Literature: From 1860 to 1920: (5)**
A survey of American literature from the Civil War to the close of World War 1 with emphasis on Whitman, James, Howells, Adams, Twain, Norris, and Dreiser.
- 269 **American Literature: From 1920 to Date: (5)**
A survey of American literature with emphasis on major novelists such as Dreiser, Fitzgerald, Faulkner, Hemingway, Steinbeck, Warren and Wright; and on selected poets including Frost, Eliot, Stevens, Ginsburg, Ciardi, and Jarrell.
- 270 **Afro-American Writers: (5)**
A survey of Afro-American literature from 1750 to the present.



FORESTRY

- 101 **Introduction to Forestry: (1)**
Basic concepts of forestry, including subject matter common to the areas of management, engineering, and products.
- 102 **Development of Forestry: (1)**
Exploration of the fields of forest engineering and forest products.
- 103 **Development of Forestry: (1)**
Exploration of the field of forestry management. Examination of private and public forest policies and their effect upon all areas of forestry.

FRENCH

Placement of students with previous foreign language training at the secondary level will be made by the course instructor.

- G-100A **Conversational French: (5)**
Basic introduction to French language and culture through the conversational approach.
- 101, 102, 103 **Elementary French: (5, 5, 5)**
An introduction to the French language through the use of the oral-aural methods; Language Laboratory used for practice.
Prerequisites: French 101 for 102; 102 for 103.
- 201, 202, 203 **Intermediate French: (5, 5, 5)**
Intensive practice in reading, writing and speaking; review of French grammar; oral practice through use of Language Laboratory.
Prerequisites: French 103 or advanced placement for French 201; 201 for 202; 202 for 203.
- 299 **French Seminar: (Variable credit)**
Individual programs; admission by permission of instructor.

GEOGRAPHY

- 100 **Introduction to Geography: (5)**
Introduction to the fields of geography with emphasis on the major concepts and methods related to the study of geography.
- 200 **World Regional Geography: (5)**
A study of the regions including analysis and interpretation of the cultural, economic, and resource patterns.

- 205 **Physical Geography: (5)**
An examination of the physical features of geography including land formations, climates, soils, vegetation, minerals, and water resources as these relate to human habitation.
- 207 **Economic Geography: (5)**
World survey of extracting, manufacturing, and distributing activities; regional characteristics relating to the availability of resources and markets and the utilization of technological skills.

GEOLOGY

- 101 **Physical Geology: (5)**
(For non-science majors)
Study of the minerals and rocks as well as the processes which occur in the earth; laboratory work included.
- 103 **Earth History: (5)**
(For non-science majors)
Study of geology through time including the elements of stratigraphy and paleontology; laboratory work included.
Prerequisite: Geology 101.
- 106 **Geology in World Affairs: (5)**
(For non-science majors)
Study of geology through time including the elements of stratigraphy and paleontology; laboratory work included.
Prerequisite: Geology 101.
- 106 **Geology in World Affairs: (5)**
(For non-science majors)
Study of coal, petroleum and other important minerals, including their geological occurrence, distribution, and production; laboratory work included.
Prerequisite: Geology 101.
- 208 **Geology of the Northwest: (5)**
(For non-science majors)
Study of the lithology and distribution of rocks as well as the evolution of land forms in the state of Washington.
Prerequisite: Geology 101.

GERMAN

Placement of students with previous foreign language training at the secondary level will be made by the course instructor.

- G-100A **Conversational German: (5)**
Basic introduction to German language and culture through the conversational approach.
- 101, 102, 103 **Elementary German: (5, 5, 5)**
An introduction to the German language through the use of the oral-aural methods; Language Laboratory used for practice.
Prerequisites: German 101 for 102; 102 for 103.

201, 202, 203 **Intermediate German: (5, 5, 5)**

Intensive practice in reading, writing, and speaking; review of German grammar; practice through use of Language Laboratory. Prerequisites: German 103 or advanced placement for German 201; 201 for 202; 202 for 203.

299 **German Seminar: (Variable credit)**

Individual programs; admission by permission of instructor.

HISTORY

110 **The Far East in the Modern World: (5)**

An introductory survey of the social, economic, and political problems of China, Japan, Korea, the Philippines, Indonesia, and Southwest Asia; includes development of Russia as an Asiatic power, as well as the role of Western powers in the Far East.

111 **History of Civilization: (5)**

Development of man from prehistoric days to the fifteenth century; social, political, cultural, and economic aspects.

112 **History of Civilization: (5)**

Rise of modern nations from the European Renaissance to 1815; revolutions in commerce, industry, culture, and science; expansion of European influence throughout the world.

113 **History of Civilization: (5)**

Modern civilization from 1815 to the present; impact of industrialization on the world, conflict of economic and political ideologies.

149 **African Civilization: (5)**

A study of the history of Africa, its traditional cultures, and the social, economic, and political changes taking place in the 20th century.

150 **Afro-American History: (5)**

A study of Afro-Americans during three and one-half centuries of American development; special emphasis on the historical evolution of American racism, Afro-American's responses to racism, and the cultural contributions of Afro-Americans to American society.

211 **Chinese Civilization: (5)**

A study of Chinese philosophies, religions, cultural traditions, political changes, and social and economic developments from the Shang dynasty (c. 1751-1123 B.C.) through the period of the Communist regime.

241 **American History to 1828: (5)**

The development of political, social, cultural, and economic patterns in America from the beginning to the election of 1828.

- 242 **American History—1828-1896: (5)**
A survey of the developing political, economic, racial, and cultural institutions of the United States in the latter two-thirds of the nineteenth century.
- 243 **American History after 1896: (5)**
Institutions of the United States in the twentieth century; emphasis on internal reform movements, international affairs, and the cold war era.
- 264 **History of Washington and the Pacific Northwest: (5)**
Exploration, settlement, and growth of the Northwest with emphasis on Washington, including growth of government and social institutions.

MATHEMATICS

- 41 **Algebra Review: (5)**
A review of the first year of high school algebra.
- G-100A **Mathematics: (5)**
Basic understanding of numeration systems, properties of operations with numbers, mathematical logic, and measurements.
- 101 **Intermediate Algebra: (5)**
Fundamental algebraic operations and concepts; similar to the third term of high school algebra.
Prerequisites: One year of high school algebra or Math 41, and one year of geometry.
- 103 **Fundamentals of Mathematics: (5)**
(For the general college student and for prospective elementary teachers)
Topics selected from set theory, logic, number systems, geometry and base notation; emphasis on gaining insight into basic concepts of mathematics.
Prerequisite: Math 41 or equivalent.
- 104 **Plane Trigonometry: (3)**
Trigonometric functions, identities, equations, inverse functions, graphs, logarithms, and solution of triangles.
Prerequisites: One and one-half years of high school algebra or Math 101 and one year of high school geometry.
- 105 **College Algebra: (5)**
Real and complex number systems; sets; equations; matrices; inequalities; algebraic, exponential, and logarithmic functions and relations.
Prerequisite: One and one-half years of high school algebra or Math 101.

- 114 **Elementary Computer Programming: (3)**
 Programming and coding of problems for automatic digital computers; preparation of flow charts, loops, and subroutines; execution of programs by machine.
 Prerequisite: Mathematics 101 or equivalent.
- 124, 125, 126 **Analytic Geometry and Calculus: (5, 5, 5)**
 124—Plane analytic geometry, limits, the derivative and differentiation, differential calculus and elementary applications, and an introduction to integral calculus; 125—solid analytic geometry, definite and indefinite integrals, integration, and the differentiation of transcendental functions and parametric equation; 126—methods of integration multiple integrals, partial differentiation, improper integrals, indeterminate forms, and vector algebra.
 Prerequisites: Math 104 and 105 or equivalent for 124; 124 for 125; 125 for 126.
- 224 **Intermediate Analysis: (3)**
 Infinite series, complex functions, and elementary differential equations.
 Prerequisite: Mathematics 126.
- 238 **Elements of Differential Equations: (3)**
 Elementary methods of solution and linear differential equations of second and higher order.
 Prerequisite: Mathematics 224.
- 240 **Introduction to Statistics: (3)**
 A general course dealing with the nature of statistics, statistical description, ideas of probability, measurements, sampling distributions, and organization of data.
 Prerequisite: Mathematics 41 or one year of high school algebra.

MUSIC

- 100 **Choral Singing: (1) Maximum: 3 credits**
 Preparation and performance of selected choral works; open to all students without audition; includes public performance.
- 101 **Fundamentals of Music: (3)**
 (Recommended for education majors.)
 Fundamentals of music and basic musicianship; scales, triads, and elementary harmony.
 Prerequisite: Concurrent enrollment in 114.
- 102, 103 **Music Theory: (3, 3)**
 (Required of all music majors.)
 A study of basic musical concepts involving the analysis and usage of non-chromatic and chromatic harmony, form, and analysis.
 Prerequisites: Music 101 and concurrent enrollment in Music 115 for 102; 102 and concurrent enrollment in 116 for 103.

- 107 **Introduction to Music: (5)**
 (For the general college student; recommended for education majors.)
 A non-technical basis for enjoyable listening to music with understanding; illustrated lectures with supplementary readings and listening experiences designed to foster understanding of common musical forms, idioms, periods, and styles.
- 114, 115, 116 **Sight-Singing and Ear Training: (1, 1, 1)**
 Pitch interval, rhythm, and melody recognition; a vocal orientation to music symbols and notations.
 Prerequisites: Concurrent enrollment in 101 for 114; 114 and concurrent enrollment in 102 for 115; 115 and concurrent enrollment in 103 for 116.
- 117 **Symphonic Music: Preclassical and Classical Periods: (2)**
 (Recommended for music majors.)
 Emphasis on early music, renaissance and baroque.
- 118 **Symphonic Music: Romantic Period: (2)**
 (Recommended for music majors.)
 Emphasis on classical and early romantic periods.
- 119 **Symphonic Music: Contemporary Period: (2)**
 (Recommended for music majors.)
 Emphasis on late romantic and contemporary periods.
- 121 **Class Applied Music: Voice: (1) Maximum: 3 credits**
 Class instruction in performance.
 Prerequisite: Permission of instructor.
- 122 **Class Applied Music: Piano: (1) Maximum: 3 credits**
 Class instruction in performance.
- 130 **Private Vocal or Instrumental Instruction: (2) Maximum: 12 credits**
 A. Piano; B. Violin; C. Voice; D. Violoncello; E. Double Bass; F. Trumpet; G. Flute; H. Oboe; I. Clarinet; J. Bassoon; K. Horn; M. Trombone; N. Tuba; O. Harp; P. Percussion; T. Saxophone; U. Viola.
 Prerequisite: Permission of instructor.
- 140 **Concert Band: (1) Maximum: 3 credits**
 Rehearsal and performance of band literature.
 Prerequisite: Permission of instructor.
- 160 **Symphony Orchestra: (1) Maximum: 3 credits**
 Preparation and performance of orchestral literature.
 Prerequisite: Permission of instructor.
- 170 **Ensembles: (1) Maximum: 3 credits**
 Preparation and performance of chamber music in each medium.
 Work includes rehearsal and performance in vocal groups.
 Prerequisite: Permission of instructor.

- 171 **Stage Band: (1) Maximum: 3 credits**
Preparation and performance of contemporary music, including rehearsal and performance.
- 200 **Choral Singing: (1) Maximum: 3 credits**
A continuation of Music 100.
- 201, 202, 203 **Second-Year Theory: (3, 3, 3)**
The practical writing of musical analysis and diatonic and chromatic harmony as used in the eighteenth and nineteenth centuries. Prerequisites: Music 103, 116 and concurrent enrollment in 207 for 201, 201 for 202 and concurrent enrollment in 208; 202 and concurrent enrollment in 209 for 203.
- 207, 208, 209 **Music Literature and Styles after 1750: (2, 2, 2)**
Music literature and styles after 1750. Prerequisites: Music 103, 116, and concurrent enrollment in 201 for 207; 207 and concurrent enrollment in 202 for 208; 208 and concurrent enrollment in 203 for 209.
- 240 **Concert Band: (1) Maximum: 3 credits**
A continuation of Music 140.

OCEANOGRAPHY

- 101 **Survey of Oceanography: (5)**
Origin and extent of the oceans; nature of sea bottom, currents, tides; animal and plant life of the sea; laboratory included.

PHILOSOPHY

- 100 **Introduction to Philosophy: (5)**
The role of language in intellectual endeavors, types of knowledge, religion and science, conceptions of reality, conceptions of morality, development of critical acumen.
- 119 **Critical Thinking: (5)**
The structure of ordinary language: relationships between classes; deductive and inductive inference; syllogistic reasoning; types of definition; informal fallacies; aesthetic and ethical reasoning; the development of a critical approach to all situations susceptible of intellectual treatment.
- 120 **Introduction to Logic: (5)**
Conditions for clear statement and valid reasoning; formal systems of logic and their application; inductive reasoning; probability theory and methods by which theories and laws are established in daily life and in the sciences.
Prerequisite: Philosophy 119 or permission.

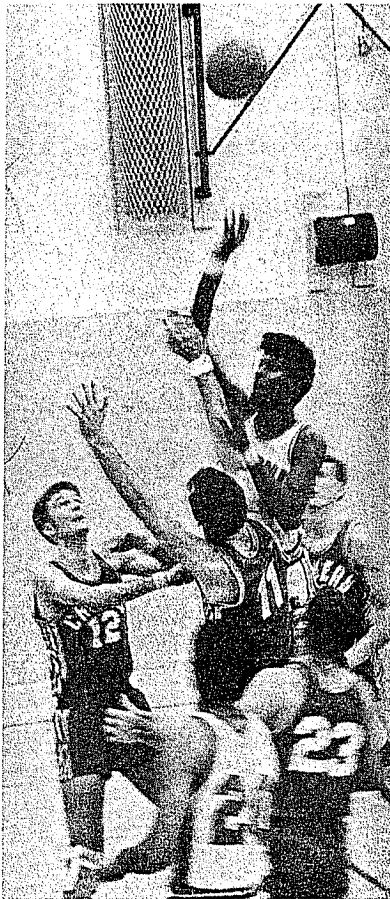
215 **Introduction to Ethics: (5)**

A systematic study of typical analyses of the distinction between good and evil, right and wrong; the appeals to custom, theology, reason, human nature, and happiness as standards for solutions of moral problems; readings and discussions of Plato, Hume, Kant, Bentham, Mill, Moore, Hare, and others.
Prerequisite: Philosophy 100.

267 **Problems in Philosophy of Religion: (5)**

An analysis of such problems in Western religious thought as the existence of the Christian God and other gods, evil, immortality, religious experience, and the effect of religion on morality.

PHYSICAL EDUCATION



Activities: 1 credit each

In order to receive the Associate in Liberal Arts or Associate in Arts and Sciences degrees, it is necessary to obtain three physical education activity credits. (Students planning to transfer to other institutions should check their requirements.)

Beginning courses are prerequisites to intermediate courses, and intermediate courses are prerequisites to advanced courses. Advanced placement may be made by the instructor. An activity at the same level may not be repeated for credit.

Students are not permitted to register for more than one activity each quarter. Credit for a second year may be earned in all varsity sports.

Courses marked "m" are for men only; those marked "w" are for women only. All unmarked courses are co-educational. Most activities require extra fees.

Developmental Activities: 1 credit each

- 102w Movement Fundamentals
- 106m Body Conditioning
- 108m Weight Training

Aquatics: 1 credit each

- 112 Beginning Swimming
- 212 Intermediate Swimming
- 215 Advanced Swimming
- 113 Diving
- 114 Life Saving

Dance: 1 credit each

- 116 Beginning Social Dance
- 216 Intermediate Social Dance
- 117 Beginning Folk Dance
- 217 Intermediate Folk Dance
- 118 International Folk Dance
- 119 Beginning Modern Dance
- 219 Intermediate Modern Dance

Individual Sports: 1 credit each

- 120 Archery
- 121w Gymnastics, Tumbling, and Rebound Tumbling
- 121m Apparatus Stunts and Tumbling
- 122 Beginning Bowling
- 222 Intermediate Bowling
- 123 Beginning Golf
- 223 Intermediate Golf
- 124 Beginning Ice Skating
- 224 Intermediate Ice Skating
- 125 Skiing

Dual Sports: 1 credit each

- 126 Beginning Badminton
- 226 Intermediate Badminton
- 127 Fencing
- 128 Beginning Tennis (the student furnishes equipment)
- 228 Intermediate Tennis (the student furnishes equipment)
- 129m Handball
- 130m Beginning Wrestling

Team Sports: 1 credit each

- 132w Field Hockey
- 133m Beginning Basketball
- 133w Beginning Basketball
- 233m Advanced Basketball
- 134m Softball
- 134w Softball
- 135m Speedball and Soccer
- 135w Speedball and Soccer
- 136m Volleyball
- 136w Volleyball
- 137m Touch Football

Varsity Sports: 1 credit each

140m	Varsity Basketball
141m	Varsity Baseball
142m	Varsity Track
143m	Varsity Cross Country
144m	Varsity Wrestling
145m	Varsity Golf
145w	Varsity Golf
146m	Varsity Tennis
146w	Varsity Tennis
147m	Varsity Skiing
147w	Varsity Skiing
148m	Varsity Swimming
148w	Varsity Swimming
149	Varsity Gymnastics

PHYSICAL EDUCATION PROFESSIONAL COURSES

G-100A Applied Health: (5)

A study of the facts of health as they apply to the individual student.

190 Introduction to Physical and Health Education: (2)

Survey of and orientation to the professional fields of physical education, health education, recreational leadership, coaching; history and philosophies, personnel qualification, training and preparation, opportunities, organizations, and related fields. Co-educational.

250 Contemporary Health Concepts: (3)

Investigation of contemporary health problems and the study of the scientific concepts and knowledge essential to the comprehension and solution of these problems within society. Coeducational.

290m Officiating: (2)

Techniques of officiating football, basketball, track and field, swimming, tennis, volleyball, and softball.

292 First Aid and Safety: (3)

The student may meet requirements for both Standard and Advanced American Red Cross First Aid Certification; includes safety education in schools. Coeducational.

295 Functional Swimming and Water Safety: (3)

Designed to prepare students for employment as teachers in the aquatic programs of camps, schools, beaches, recreation departments, the armed forces, and service organizations. Coeducational.

Prerequisites: P.E. 114 and American Red Cross Life Saving Card. Students successfully completing this course will qualify for their Water Safety Instructional Card.

PHYSICAL SCIENCE

- G-100A **Physical Science: (5)**
Basic concepts and their applications in the understanding of astronomy, force and motion, molecules and energy, and the electrical nature of matter.
- G-100B **Physical Science: (5)**
Basic concepts applied to the understanding of atomic structure, chemical combination, geology, meteorology, and nuclear power.
- 100 **Survey of Physical Science: (5)**
The nature and philosophy of astronomy, geology, chemistry and physics.

PHYSICS

- 114, 115, 116 **General Physics: (5, 5, 5)**
(For general education students)
Development of basic mechanics, sound, light, electricity and magnetism, electronics, and modern physics.
Prerequisites: Math 101 or equivalent for 114 (Math 101 may be taken concurrently; trigonometry also recommended); 114 for 115; 115 for 116..
- 121, 122, 123 **Engineering Physics: (5, 5, 5)**
(For students planning to transfer in engineering or majoring in science)
121—Study of mechanics: motions and causes of motions, emphasis on theories and applications for problem solving; 122—emphasis on electricity and magnetism; 123—emphasis on sound, heat, and light.
Prerequisites: Math 124 or Math 124 concurrently for 121; 121 for 122; 122 for 123.

POLITICAL SCIENCE

- G-100A **Introduction to Political Science (5)**
Study of the principles, structure, and functions of political institutions; their behavior and processes.
- G-100B **Introduction to American Government: (5)**
Study of the three branches of the government and their operations with particular emphasis on contemporary problems and their relationship to the government.
- 201 **Modern Government: (5)**
Study of ideas behind democratic and non-democratic forms; systematic and comparative study of political structure, institutions, behavior, and processes.

- 202 **American Government and Politics: (5)**
Survey of the constitution, three branches of government, and the processes through which public policy is formulated, enacted into law, and executed.
- 203 **International Relations: (5)**
Role of the nation state and the system and forces that influence the behavior of the state.
- 205 **State and Local Government: (5)**
Study of the nature, function, and problems of state, county, and city governments, including an examination of the problems confronting these local political units; emphasis on Washington governmental units.
- 208 **Contemporary Political Problems in American Society: (5)**
Relevant issues and problems facing American society today, primarily concerning black-white relations and the urban area.
- 250 **Urban Affairs Practicum: (Variable Credit)**
Study of urban problems through participation in community agencies.
Prerequisite: Permission of instructor.

PSYCHOLOGY

- G-100A **Psychology (5)**
Basic problems in individual relationships with particular emphasis on psychology as it applies to everyday situations in today's world.
- 100 **General Psychology: (5)**
Introduction to psychology as an academic discipline: the nervous system, heredity and maturation, sensory processes, perception and attention, motivation, emotion, intelligence, learning and remembering, thinking and personality.
- 201 **Scientific Principles of Psychology: (5)**
Introduction to the use of scientific method in psychology with emphasis on methods of studying learning, perception, and motivation; individual and group projects involving humans and other animals.
Prerequisite: Psychology 100.
- 205 **Introduction to Personality: (5)**
Introduction to personality developments, habits, functions, and motives.
Prerequisite: Psychology 100.

RUSSIAN

101, 102, 103 **Introduction to Russian: (5, 5, 5)**

An introduction to the Russian language including extensive oral practice to afford assimilation of basic structural features; introduction to reading and composition; Language Laboratory use.
Prerequisites: Russian 101 for 102; 102 for 103.

SOCIAL SCIENCE

G-100A **Introduction to Social Studies: (5)**

An introductory study of the Social Sciences as they apply to modern day and social problems; emphasis on the assistance man can receive from the application of knowledge of anthropology, economics, history, political science, psychology and sociology.

SOCIOLOGY

G-100A **Contemporary Sociological Problems: (5)**

Basic principles of social relationships as applied to the modern world.

110 **Survey of Sociology: (5)**

Basic principles of social relationships, man's behavior in relation to other men and the consequent formation of organizational patterns and social groups, and the influence of institutional patterns of culture on human interaction.

120 **Marriage and the Family: (3)**

A study of marriage customs and their functions, premarital patterns, changing marriage mores, practical aspects of marriage, and early domestic adjustment.

240 **Group Behavior: (5)**

Socialization of the individual, social determination of attitudes and beliefs, and adjustment techniques as important determinants of personality traits.
Prerequisites: Sociology 110 and Psychology 100.

270 **Social Disorganization: (5)**

Analysis of the processes of social and personal disorganization and reorganization in relation to poverty, crime, suicide, family disorganization, mental disorders, and similar social problems.
Prerequisite: Sociology 110.

299 **Individual Study: (Variable Credit)**

Independent observation, analysis, and reporting of a selected problem in social interaction or organization.
Prerequisite: Permission.

SPANISH

Placement of students with previous foreign language training at the secondary level will be made by the course instructor.

G-100A Conversational Spanish: (5)

Basic introduction to Spanish language and culture through the conversational approach.

101, 102, 103 Elementary Spanish: (5, 5, 5)

An introduction to the Spanish language through the use of the oral-aural methods; the Language Laboratory used.

Prerequisites: Spanish 101 for 102; 102 for 103.

201, 202, 203 Intermediate Spanish: (5, 5, 5)

Intensive practice in reading, writing, and speaking; review of Spanish grammar; oral practice through use of Language Laboratory.

Prerequisites: Spanish 103 or advanced placement for Spanish 201; 201 for 202; 202 for 203.

299 Spanish Seminar: (Variable credit)

Individual programs; admission by permission of instructor.

SPEECH

G-100A Introduction to Speech: (5)

A study of basic speech forms supported by practice; development of effective oral reading.

100 Fundamentals of Speech: (5)

Fundamentals of oral communication—emotional adjustment to the speaking situation, research, organization, and delivery; several speaking experiences provided with emphasis on extemporaneous speech.

131, 132, 133 Forensics: (1, 1, 1)

Introduction to the various individual speaking and reading processes associated with Forensics; some members to represent the college in intercollegiate Forensic tournaments.

Prerequisite: Permission.

140 Oral Interpretation: (5)

Development of adequate responsiveness to the meaning of literature and of the power to read orally so as to communicate this appreciation to others; poetry and prose read aloud.

220 Public Speaking: (5)

A detailed study of rhetorical principles in both expository and persuasive speaking—emphasis on audience analysis, selection, adaptation and organization of materials, style, and delivery; varied speaking performances in class and analysis of written and recorded speeches.

Prerequisite: Speech 100.

230 **Essentials of Argument: (5)**

Construction and delivery of various types of argumentative speeches including debate; attention to research, analysis, evidence, preparation of briefs, reasoning, and fallacies.
Prerequisite: Speech 100.

231, 232, 233 **Forensics: (1, 1, 1)**

A continuation of 131, 132, 133.
Prerequisite: Permission.

235 **Parliamentary Procedure: (3)**

A study, based on Robert's Rules of Order, in conducting and organizing public meetings.

STUDY SKILLS

41 **Study Skills: (1)**

Designed to aid the student in developing study skill techniques; after individual diagnosis, each student is assigned a specific course of study to strengthen identified weaknesses.
Prerequisite: Recommendation from a counselor.

G-100A **College Skills: (5)**

A practical application of study skills and developmental reading techniques to assist the student in improving the quality of his studies; emphasis on reading improvement, study skills, and group guidance.

TYPING

G-100A **Personal Typing: (5)**

Typing fundamentals, including mastery of the keyboard and thorough knowledge of correct typing techniques.

ZOOLOGY

207, 208 **Anatomy and Physiology: (5, 5)**

Study of the structure and function of the human body; anatomical charts, models, and human skeletons.
Prerequisite: Biology 101 for 207; 207 for 208.

Faculty

The following list of faculty members represents appointments as of June 20, 1969:

AIKEN, RICHARD S. **Librarian**
University of Maryland, University of Omaha, B. Ed.; University of Washington, M.L.S.

AMOROSO, DOREEN **Director of Instructional Resource Center**
Whitman College, Washington State University, University of Washington, University of Puget Sound, B.A., B.Ed.; University of Washington, M.L.S.; Central Washington State College, Northwestern University, University of Southern California

ANDERSON, ERNEST R. **Librarian**
Wisconsin State University, B.A.; University of Wisconsin, Western Washington State College, Washington State University, University of Washington, M.L.S.

ANDERSON, WILLIAM G. **Psychology**
University of Idaho, B.S., M. Ed.

ARPKE, ROBERT S. **English**
University of Washington, B.A.; Harvard University, John Hay Fellowship

BENNETT, DORIS B. **English**
University of Nebraska, B.A.; University of Washington, M.A.

BERNTSON, LLOYD S. **English**
Department Chairman, English-Philosophy
North Dakota State Teacher's College, B.S. Ed.; University of North Dakota, Washington State University, M.A.

BETZ, JOSEPH A. **Mathematics**
Acting Division Chairman, Math-Science
Seattle University, B.Ed.; Washington State University, M.A.T.

BROWN, CARL R. **Counselor-English**
Huston-Tillotson College, Paul Quinn College, B.S.; Texas Southern University, Prairie View A & M College, M.A.; University of Washington

BUTSCHUN, SUZANNE M. **Mathematics**
Reed College, University of Puget Sound, B.S.; Oregon State University, M.S.

CLARK, RUSSELL E. **Physics**
Division Chairman, Math-Science
Western Washington State College, B.A.; University of Washington, Stanford University, Oregon State University, M.S.
(On leave of absence during 1969-70)

- CLARKE, J. ALLAN** **Music**
Phillips University, Fresno State College, A.B.; University of Washington, Fresno State College, M.A.
- CLEE, PAUL B.** **English**
Whitman College, B.A.; University of Kansas, University of Oregon, M.A.
- CLINE, CHARLES FRANKLIN** **Drama**
Washington State University, B.A., M.A.
- CRAWFORD, W. JAMES** **Geology**
University of British Columbia, B.A.Sc.; University of Washington, M.S.
- CRISWELL, HUGH E.** **Psychology**
University of Washington, B.S.; Western Washington State College, M.A.
- DANISZEWSKI, EDWARD F.** **Business**
St. Martin's College, B.A.; Stanford University, M.B.A.; State of Washington C.P.A.
- DEYOE, RICHARD J.** **Counselor-Student
Activities Adviser**
Miami University of Ohio, B.S.; California State College-Los Angeles, M.S.
- DEZELL, ROBERT H.** **Music**
Department Chairman, Music
University of Washington, B.A.; Washington State University, M.A.
- DIPPOLITO, FRANK DAVID** **Art**
Olympic College, Chicago Art Institute, B.F.A.; University of Puget Sound, M.F.A.
- DYER, PATRICIA A.** **Mathematics**
College of the Sequoias, Fresno State College, B.A., M.S.; Stanford University, San Jose State College
- EDRINGTON, DeVON E.** **Philosophy**
Purdue University, University of New Mexico, B.A.; University of Washington, University of Puget Sound, M.A.
- EISENMAN, PAULA E.** **Student Activities
Coordinator**
Arizona State University, B.A., M.A.; Washington State University
- EVANS, ROLLAND J.** **Business**
Department Chairman, Business-Economics
University of Puget Sound, B.A.; University of Washington, University of Puget Sound, M.B.A.

- FALK, RICHARD C.** **Special Assistant to the President
for Planning and Resources**
University of Puget Sound, B.A., B.Ed., M.Ed.; Stanford University, Washington State University
- FAYE, MARIO A.** **Spanish**
Columbia Union College, B.A.; Andrews University, M.A.; Montana State University, University of Washington
- FISHER, EDWARD S.** **Physical Education**
Pacific Lutheran University, B.A.; University of Washington, M.S.
- FORD, THORNTON M.** **President**
Western Washington State College, B.A., M.Ed.; Washington State University, Ed.D.
- GANGES, DONALD R.** **Evening School Supervisor
Chemistry**
Western Washington State College, B.A.; University of Washington, University of Pennsylvania, M.S.; University of New York State
- GALLUS, DEDRE J.** **German**
Pacific Lutheran University, University of Heidelberg, University of Washington, B.A., M.A.
- GARRATT, FRANK E.** **English**
University of Illinois, B.A., M.Ed.
- GENTILI, KENNETH L.** **Physics**
University of Puget Sound, B.S.; University of Idaho, M.S.
- GILMAN, SHELDON M.** **Political Science**
Norwick University, B.A.; University of Utah, M.S.
- GIROUX, RICHARD W.** **Psychology**
Pacific Lutheran University, B.A.; Central Washington State College, M.S.
- GRIFFIN, PHILIP L.** **Counselor**
University of Montana, B.A.; Fuller Theological Seminary, California State College at Los Angeles, M.S.
- GRIMES, JANET A.** **English**
University of Puget Sound, B.A.; Ohio University, M.A.
- HALE, F. DENNIS** **Public Information Officer
Communications**
University of Washington, University of Puget Sound, B.A.; University of Oregon, M.S.
- HARRISON, RICHARD W.** **English**
Seattle University, B.A.; Boston College, M.A.
(On leave of absence during 1969-70)

- HEINRICK, JOHN R.** **Physical Education**
 Department Chairman, Physical Education
 University of Puget Sound, B.A., B. Ed.; Washington State University, M.A.
- HESS, VERNON L.** **English**
 Friends University, B.A.; Stanford University, M.A.
- HIATT, DONALD A.** **Speech**
 University of Puget Sound, B.A.; Stanford University, M.A.; University of Washington
- HO, YUN-YI** **History**
 National Taiwan University, B.A.; University of Minnesota, M.A.
- HUFFMAN, GEORGE E.** **History**
 University of Washington, B.A.; Western Washington State College
- HYDE, JACK H.** **Geology**
 Department Chairman, Physical Sciences
 University of Washington, B.S., M.S.
- JACOBSON, PAUL E.** **Dean of Instruction**
 University of Illinois, B.S.; Northwestern University, Ph.D.; San Jose State College
- JAECH, WARREN KARL** **Mathematics**
 Pacific Lutheran University, B.A.; University of Puget Sound, B.Ed.; University of Washington, Western Washington State College, M.Ed.
- JANSEN, GEORGE THOMAS** **Financial Aids Officer**
 University of Puget Sound, Central Washington State College, University of Washington, B.A.; Pacific Lutheran University, University of Oregon, M.Ed.
- JANSEN, LUTHER T.** **Sociology**
 University of Washington, B.A., M.A.; Union Theological Seminary, S.T.B.; Columbia University
- JONES, MONTY B.** **English**
 Western Washington State College, B.A., M.Ed.
- KEELY, TIMOTHY R.** **Business**
 University of Puget Sound, Seattle University, St. Martin's College, B.A.; University of Washington, M.B.A.; Pacific Lutheran University
- KOSAI, JOSEPH H.** **Admissions and Records Officer**
 University of Washington, Eastern Oregon College, B.S.; Washington State University, University of Puget Sound, M.Ed.
- LATHROP, ROBERT C.** **Dean of Students**
 Central Washington State College, B.A., M.Ed., Washington State University, Ed.D.

- LEONETTI, DONNA L.** Anthropology
Barnard College, University of Washington, B.A., M.A.
- LEWIS, RICHARD G.** English
University of Puget Sound, B.A., B.Ed.; University of California at Los Angeles, University of Washington, University of Puget Sound, M.A.
- LUKIN, LEONARD** English
University of Puget Sound, B.A.; Seattle University, University of Puget Sound, M.A.
- LUNDQUIST, RONALD L.** Counselor
Department Chairman, Counseling
Clark College, A.A.; University of Puget Sound, B.A.; University of Puget Sound, Washington State University, M.Ed.
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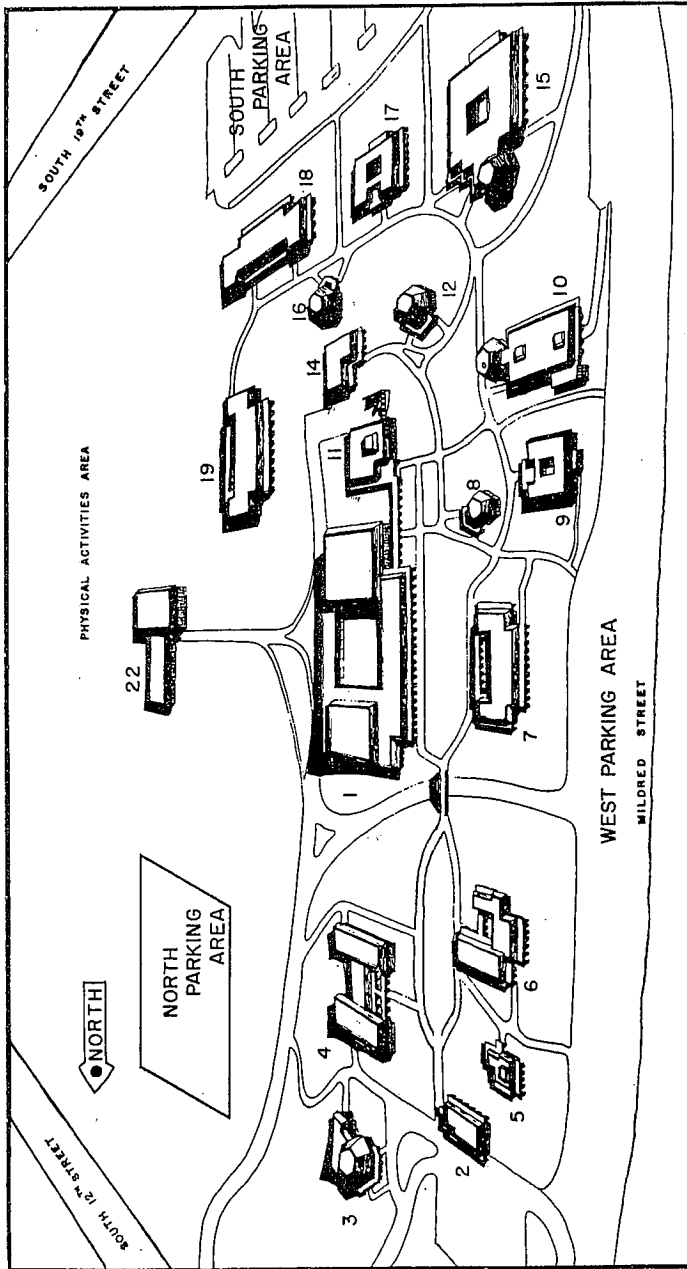
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- 9. Faculty Office Building
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