GOVERNING BOARD

Riverside College, a two year institution, is the highest educational unit of the Riverside City School System. Its governing board consists of the following members:

LEWIS P. ALABASTER
President
Mrs. Willard G. Babcock, Clerk
Richard B. Hampson, Jr., Vice-President
Mrs. E. M. Bonnett, Jr.
Dr. James A. Mitchell

BRUCE MILLER
Superintendent of Schools
Burtis E. Taylor
Assistant Superintendent

Harry K. Young
Asst. Superintendent: Business
Paul Lockhart
Asst. Superintendent: Special Services

ADMINISTRATIVE STAFF OF RIVERSIDE COLLEGE

Orland W. Noble - President
Mrs. Alice E. Breault - Secretary to President
Earl A. McDermont - Vice-President, Registrar
Miss Alice Smith - Recorder and Secretary to Registrar
Mrs. Mary E. Wallace - Dean of Women
Mrs. Dorothy Carlson - Secretary to Dean of Women
Ralph H. Bradshaw - Dean of Men
Mrs. Lois Erwin - Secretary to Dean of Men
John C. Ohmen - Dean of Extended Day
Miss Ida Walther - Secretary to Dean of Extended Day
Ernest W. Toy, Jr. - Librarian

RIVERSIDE COLLEGE BULLETIN

BULLETIN

1956 - 1957

WITH ANNOUNCEMENTS FOR

1957 - 1958

RIVERSIDE, CALIFORNIA
Published by the College
MARCH, 1957

Cover Designed by RICHARD WARBER
Cartoons by MICHAEL SPAFFORD
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ACCREDITATION

Riverside College is accredited by the Western College Association.

PHILOSOPHY OF THE COLLEGE

Because Riverside College is a junior college and therefore locally controlled by a Board of Trustees, it is a community college. Riverside College is responsive to the needs of the area it serves. In its endeavor to satisfy the educational desires of students, both youth and adult, it has flexibility; it tries to anticipate the needs of the area and to plan accordingly. The students who enroll at Riverside may wish to take lower division work or a one year terminal, vocational, or liberal arts program; they may wish short-term courses to satisfy immediate needs. The college therefore is ever alert to help all segments of our college age and adult population to find satisfaction in and profit from college offerings. By being cognizant of the needs and desires of the people of this community, we believe Riverside College can then help to produce socially, civically, and vocationally competent citizens.
OBJECTIVES

1. The junior college is committed to the democratic way of life.
2. The junior college recognizes the individual man, under God, as the highest value of the world and universe.
3. The junior college is committed to the policy of granting to the individual man the maximum amount of freedom, personal initiative and adventure consistent with equal opportunities on the part of his fellow.
4. The junior college is committed to the policy of providing for all the children of all the people, and for all the people too, post high-school education which will meet their needs.

PURPOSES

1. **Occupational Education**
   Complete training should be given to those students who will finish their period of formal education in the junior college. This training should be designed to achieve occupational competence and to give opportunities to achieve civic competence and personal adequacy of living.

2. **General Education**
   Every junior college student should be given that training which will prepare him to function effectively as a member of his family, his community, his state, his nation, and his world.

3. **College Education (lower division)**
   Each junior college should provide lower division or the first two years of college work for those students who plan transfer to a four-year college or university after completing two years in junior college. This training should be broad enough to include the lower division requirements in the liberal arts and in scientific, engineering, and other professional fields.

4. **Guidance**
   It is the specific responsibility of every junior college to assist its students to "find themselves." A program of training and guidance should be provided so that every student may discover his aptitudes, choose a life work, and prepare for the successful pursuit of such work.

5. **Community Service**
   Every junior college should cooperate with other public educational institutions in providing instruction to meet the needs of all people living in the community. The program of training should include occupational and general education.
### 1957
#### College Calendar

**JULY**

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### 1958
#### College Calendar

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#### Extended Day Program

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<tr>
<td>September 16 (Monday)—Instruction Begins</td>
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<td>November 11 (Monday)—Veterans Day</td>
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<td>November 28 (Thursday)—Thanksgiving Day - Legal Holiday</td>
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<tr>
<td>December 23 - January 3, inclusive—Christmas Recess</td>
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<td>January 31 (Friday)—End of First Semester</td>
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<td>February 3 (Monday)—Second Semester Begins</td>
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<tr>
<td>February 12 (Wednesday)—Lincoln's Birthday - Legal Holiday</td>
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<tr>
<td>April 7 - April 11, inclusive—Spring Recess</td>
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<td>June 13 (Friday)—Extended Day Classes Close</td>
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DIRECTORY

NORTH SIDE OF QUADRANGLE:
West of Terracina archway
Administration Offices
  President
  Vice-President and Registrar
  Dean of Women
  Secretary to the President
  Recorder
  Veterans Information
  Auditorium

East of Terracina archway
Guidance and Counseling Offices
  Dean of Men
  Guidance Office
  Library
  Office—Librarian, Assistant Librarian
  Reference and reading room

SOUTH SIDE OF QUADRANGLE:
Home Economics Department
Commercial Department
Music Department
Bookstore
Cafeteria
Student Lounge
Director of Student Business

EAST SIDE OF QUADRANGLE:
Office of Adult Division—Room 500
  Dean of Extended Day
  Women’s Lounge

WEST SIDE OF QUADRANGLE:
Art Department
  Auditorium stage
  Cosmetology Department

AUTO MECHANICS SHOP—Terracina Drive at Saunders Street
ELECTRONICS SHOP—Terracina Drive at Saunders Street
PHYSICAL EDUCATION BUILDING: Saunders Street
  Director of Physical Education
  Coaches’ Offices

DEPARTMENTS OF INSTRUCTION

Rooms are numbered consecutively beginning at the archway turning east.

FIRST LEVEL
- Geological Sciences
- Physics, Photographic Laboratory
- Art
- Journalism, Student Publications
- Audio-Visual
- Cafeteria
- Faculty Lounge
- Student Lounge
- Bookstore
- Nursing

SECOND LEVEL
- Spanish
- French, German
- Physics, Engineering, Mathematics
- Engineering Drawing
- Physiology, Anatomy, Bacteriology
- English
- Speech: Public Speaking, Dramatic Arts
- Listening Lab
- Student Body Office
- Business Education

THIRD LEVEL
- Chemistry
- Zoology, Biology
- History, Sociology
- Cosmetology
- Home Economics
- Music
- Psychology
ADMISSION TO THE COLLEGE

Admission to the College in first-year standing may be granted to the applicant who is a certified graduate of a high school.

Admission requirements include: (1) written application on the form provided by the College; (2) complete official transcript of the applicant’s high school record, including honorable dismissal from the school last attended.

The application for admission may be submitted either in person or by mail. The transcript of record is sent to the Registrar, on request of the applicant, by the principal of the high school from which transfer is made. If so desired, both application and transcript may be sent by the principal. To afford ample time for evaluation of credits and to insure against delay at time of registration, all credentials should be filed as soon as possible after graduation.

AUGUST 15 FOR THE FALL SEMESTER AND JANUARY 15 FOR THE SPRING SEMESTER ARE THE LAST DATES FOR THE RECEIPT OF CREDENTIALS WITHOUT INcurring Penalties FOR LATE FILING OF APPLICATIONS AND TRANSCRIPTS.

In Advanced Standing

Admission in advanced standing may be granted to the student transferring from an institution of collegiate rank. Written application on the form provided and official transcripts of all high school and college work previously undertaken, including honorable dismissal from the institution last attended, are required.

Special Students

Riverside College accepts special students under two classifications: (1) An individual who is not a graduate of high school but is 18 years of age may enroll in the College, (2) An individual who wishes to enroll for 8 units or less.

Auditors

By special permission, students may attend as auditors, certain lecture or recitation classes in which they are not actively enrolled. Admission cards may be obtained at the Registrar’s Office.

Auditors do not participate in class recitations or discussions; they do not submit material of any kind for reviews; they do not have laboratory privileges, nor do they receive any academic credit for the courses which they attend.
### SCHEDULE FOR TESTS

All tests are given in Room 117.

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Test Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 24 (Monday)</td>
<td>9:00 a.m.</td>
<td>A.C.E. Test</td>
</tr>
<tr>
<td></td>
<td>11:00 a.m.</td>
<td>Arithmetic Qualifying Test</td>
</tr>
<tr>
<td></td>
<td>1:00 p.m.</td>
<td>English Qualifying Test</td>
</tr>
<tr>
<td>July 24 (Wednesday)</td>
<td>9:00 a.m.</td>
<td>A.C.E. Test</td>
</tr>
<tr>
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</tr>
<tr>
<td></td>
<td>9:00 a.m.</td>
<td>English Qualifying Test</td>
</tr>
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The above tests are repeated every Wednesday at 9:00 a.m. July 24 through Sept. 11

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Test Description</th>
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</thead>
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<tr>
<td>September 19 (Thursday)</td>
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<td>A.C.E. Test</td>
</tr>
<tr>
<td>September 20 (Friday)</td>
<td>3:00 p.m.</td>
<td>Arithmetic Qualifying Test</td>
</tr>
<tr>
<td>November 20 (Wednesday)</td>
<td>3:00 p.m.</td>
<td>English Qualifying Test</td>
</tr>
<tr>
<td>December 18 (Wednesday)</td>
<td>3:00 p.m.</td>
<td>A.C.E. Test</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Test Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 8 (Wednesday)</td>
<td>3:00 p.m.</td>
<td>A.C.E. Test, English Qualifying, Arithmetic Qualifying</td>
</tr>
<tr>
<td>January 15 (Wednesday)</td>
<td>3:00 p.m.</td>
<td>A.C.E. Test</td>
</tr>
<tr>
<td>January 22 (Wednesday)</td>
<td>3:00 p.m.</td>
<td>A.C.E. Test</td>
</tr>
<tr>
<td>January 30 (Thursday)</td>
<td>9:00 a.m.</td>
<td>A.C.E. Test</td>
</tr>
<tr>
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<td>Arithmetic Qualifying Test</td>
</tr>
<tr>
<td></td>
<td>1:00 p.m.</td>
<td>English Qualifying Test</td>
</tr>
<tr>
<td>February 5 (Wednesday)</td>
<td>3:00 p.m.</td>
<td>A.C.E. Test</td>
</tr>
<tr>
<td>February 6 (Thursday)</td>
<td>3:00 p.m.</td>
<td>Arithmetic Qualifying Test</td>
</tr>
<tr>
<td></td>
<td>3:00 p.m.</td>
<td>English Qualifying Test</td>
</tr>
</tbody>
</table>

### Final Registration

Students are ready for final registration only after they have filed official high school transcripts at the College and have taken the required tests referred to above. During designated periods in May counselors will be on duty at the College or in the high schools to assist students in completing the details of registration. Counselors will also be available during August for final registration. All students, particularly those planning to transfer to a four year college, are urged to take advantage of this service by telephoning or writing to the College for an appointment. Early registration is recommended as a means of getting a complete selection of courses.

For those who do not find it possible to arrange an early enrollment, the appointed days set by the calendar (Page 11) at the beginning of the college year will be the final opportunity to register for the fall semester.

Registration includes filling out the information forms, the selection of a program of study, the payment of the student membership, and a physical examination for new students. Each new student is assigned to a course in college adjustment (Psychology 49) when his program of study is completed. The instructor in this course becomes the student's counselor and will aid him in selection of study program and give him advice at intervals throughout the year when social and academic problems arise. The student may occasionally be called into conference with the counselor, but it is hoped that the student himself will take the initiative and seek counsel whenever occasion arises.

The student body card issued to the student serves as a certificate of membership in the Associated Student Body. It includes a year's subscription to the Tiger Times and a copy of the Tequesquite, and the privilege of admission to all athletic contests of the College, as well as dramatic and musical presentations.

After the first week of instruction the student must obtain the written approval of each instructor in whose class he desires to enroll before proceeding with matriculation. Approval forms may be obtained at the Office.

After the second week of either the Fall or Spring Semester registration is closed except to those students who transfer directly from other colleges or universities.

No student will be permitted to enroll for a second semester until all his records are complete.

### Student Program Regulations

Official recognition is given only to those courses which have been approved by the counselor and Registrar and duly entered upon the program card.

All students should attempt to arrange their programs, so far as possible, for a full year.

Physical Education is required of all students. Exemption from Physical Education may be granted (1) to the student who is registered for eight, or fewer, units; (2) to the student who is 25 years of age or over; (3) see Page 66 also.

No one may enroll for more than 18 units (including physical education) without permission from the Registrar. Students are cautioned against enrolling for more work than they can reasonably carry. For those who are in good health and able to devote the major part of their time to college study, the normal load is 16 units.

The student who has made an average grade of B for all work undertaken in any one semester may enroll for 19 units in the following semester.

In the College of Letters and Science at the University of California no undergraduate student in his first semester of residence may take more than 16 units of work in addition to physical education or military training. Again: "seventy (sem.) units is the maximum amount of credit which a student may count toward the bachelor's degree in the University for work completed in a junior college, regardless of the College or University he wishes to enter."

If, therefore, the study-list total of any junior college student transferring to the University exceeds the University study-list maximums for any semester, or the maximum amount of credit allowed for work completed in a two-year
college, such excess units will be deducted by the University. Riverside College, however, will recognize for graduation in its own curricula all units which have been approved officially by the Registrar's Office. California's State Colleges will accept a maximum of 64 semester units of lower division credit taken in the junior college.

When a student is in doubt concerning his eligibility to enroll in any course, he should seek the written approval of the instructor concerned before making out his study-list.

The student who has received a mark of failure or who has attained less than a C average for all courses undertaken is restricted to 16 units (not including physical education or military training).

Courses Open to Transfer Students

Students transferring directly from other collegiate institutions during the year may enroll in such courses in the College as they are qualified to undertake.

Change of Program

Programs may be changed during the first week of a semester by securing written approval of the Registrar, the student's counselor, and instructors concerned. Approved forms may be obtained at the office. Changes during the second week of a semester are not encouraged.

At the end of the second week in the Fall and Spring Semesters, study programs are to be regarded as fixed. No course may be added thereafter. A course may be dropped by petition. Petition forms may be obtained at the Office.

A course discontinued for any cause after the ninth week of the semester remains upon the permanent record, the student receiving at the end of the semester whatever grade the work and circumstances warrant.

Courses are not considered officially dropped unless the office has been notified formally upon the forms provided. If a student discontinues a course without formal withdrawal he will automatically receive a grade of F.

STATE VOCATIONAL REHABILITATION

The Bureau of Vocational Rehabilitation, State Department of Education, offers its services to individuals, veteran or civilian, who have an employment handicap resulting from a medically diagnosable disability of any kind. Included are vocational counseling, the payment of tuition fees, the provision of text books without charge, and, in some instances, provision of medical care and maintenance.

Details may be obtained from the Riverside office of the bureau, located at 3587 Fifth Street, Telephone OV 3-7560.

VETERANS' EDUCATION

Riverside College is accredited to offer four different programs of education to veterans. These programs are: (1) the "G.I. Bill of Rights," (Public Law 346 for veterans of World War II), (2) Federal Rehabilitation Program, (Public Laws 16 and 894 for veterans who have service connected or aggravated disabilities), (3) Korean Veterans, (Public Law 550), and (4) State of California Veterans Educational Institute. Prospective students may inquire at the main college office or of the veterans' counselor for information concerning any of the above programs.

EXTENDED DAY PROGRAM

All post-high school education is under the administration of the college. Through this administrative organization the Board of Trustees has planned an augmented program of education for all the youth and adults of the community.

By establishing an Extended Day Program, day college classes are extended into the evening hours. Anyone who is 18 years of age or over
may carry on a program which leads (1) to a high school diploma (2) an A.A. degree or (3) with proper selection of courses a program of study leading to transfer to a four year college or university.

The college day is from 8:00 a.m. until 10:00 p.m., Monday through Friday. In order to continue to serve the needs of the community, classes may be opened at any time of the school year and may well vary in length depending upon the nature of the course. Because of the flexibility of an Extended Day Program, Riverside College will be better able to serve both youth and adult of post-high school age, without respect to their educational background, their experience, or their previous training.

Subjects Offered

Because of the desire of the college to meet the demands for educational opportunities as they arise, it is not possible to list all subjects which may be offered in a given semester. However, all courses published in this bulletin or in the supplemental bulletin which is issued each semester and approved by the governing board, are, unless designated, college courses of the thirteenth and fourteenth grade levels. They are part of the regular curricula and unless specifically noted carry credit, and can therefore be used toward the Associate in Arts degree.

Counseling and Guidance

The office of the Dean of Extended Day (Room 500) is open from 1:00 p.m. to 5:00 p.m. and 6:00 p.m. to 10:00 p.m., Monday through Thursday; Friday from 8:00 a.m. until 4:30 p.m.

Counseling is available on Monday, Tuesday, Wednesday, and Thursday nights from 7:00 p.m. until 9:00 p.m. and Monday through Friday from 9:00 a.m. until 4:00 p.m., by appointment through the Dean or the Registrar. Arrangements for aptitude, vocational, or G.E.D. tests may be made through the office of either.

GRADUATION

Degree of Associate in Arts

Riverside College is a two year institution

The degree of Associate in Arts will be conferred upon the student duly accredited as a high school graduate who completes satisfactorily not less than 64* semester units of college work, including at least 20 units to be taken in residence. Satisfactory completion means that a student must have a grade point average of not less than 2.00 (a C average) in all work attempted. A student must be in residence the semester preceding his graduation and fulfill the following general and specific requirements:

I. (1) English 1 AB or English 50 AB, or
(2) A combination in proper sequence of English 1 AB and 50 AB, or
(3) English 1A or 50A and Speech 1A or 1B.

A unit represents one hour of passing work for a semester term of eighteen weeks; it may stand for one hour of classroom work and two hours of preparation, for three hours of laboratory work, or for such distribution as the particular course may demand. The requirement of 64 units became effective for the class entering in September, 1955.

II. Physical Education and Health Education. The requirement is fulfilled by completing Physical Education (4 semesters) and one of the following: Bacteriology 1, Health Education 1, Physical Education 44, Physiology 1 or 2.

III. Satisfy State requirement in First Aid and Safety Education.

IV. American History and Institutions: a study of American history, the United States and constitutional system and ideals, and state and local governments. The requirement is fulfilled by completing one of the following:

(1) History 3A-3B,
(2) Political Science 1A and History 3B,
(3) History 6A-6B,
(4) History 53A-53B,
or any AB combination.
(5) Examination, without unit credit. On written approval of the Registrar, ONLY.

V. A major of at least 20 semester units in one of the four groups of subjects:

Group 1. Natural science, or mathematics, or mechanical drawing or any combination of these.
Group 2. English, or foreign language, or fine arts, or any combination of these.
Group 3. Social science, or philosophy, or psychology, or commerce, or secretarial science, or home economics, or any combination of these.
Group 4. Vocational Courses.

The degree of Associate in Arts does not necessarily qualify the student for admission to the upper division of the University, because the curriculum requirements established for graduation from Riverside, a two year college, are not identical with the lower division requirements of the University.

Diploma

A certificate of graduation is given to students who complete 64 units of work including the requirements listed above, but whose average grade is lower than C.

Departmental Certificate

Students, who are unable to take the full course leading to the Associate in Arts degree, may become special students with permission of the Registrar and need not enroll for certain required academic courses. Upon satisfactory completion of the curriculum for the department, these students may receive the departmental certificate.

Official Transcript and Copy of Record

In the interest of the student who desires to continue his studies elsewhere the College issues an official transcript. This is a duly certified record of all work completed or undertaken by the student at the College. It is forwarded direct to the institution designated by the student, but only if there is a reasonable presumption that he will be admitted. One official transcript and one copy of record are furnished free upon request.
EXPENSES

Student Body Membership

Student Body Membership dues are payable at the time of registration as follows: For students entering College at any time during the first semester, $15.00. For students entering College any time during the second semester, $10.00. This amount will pay Student Body dues in full for the period of attendance.

In the event of a student's withdrawal within two weeks following his registration date, a refund will be made equal to the amount paid, less $1.00. Other refunds will be made as follows:

<table>
<thead>
<tr>
<th>Registration Date</th>
<th>Withdrawal Date</th>
<th>Refund</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sept. 16 through Jan. 31</td>
<td>Oct. 1 through Jan. 31</td>
<td>$5.00</td>
</tr>
<tr>
<td>Sept. 16 through Mar. 31</td>
<td>Feb. 1 through Mar. 31</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

No refunds will be made after March 31st regardless of date of withdrawal.

Dues of $10.00 a semester will be charged for students attending on a semester basis.

The student dues for those carrying a unit load of less than 9 hours per semester will be $7.50 for two semesters if paid at the beginning of the first semester, or $5.00 per semester for students attending on a semester basis. Refunds to these students will be in proportion to those granted full time students.

Refunds will be made only on written application to the Associated Student Body by the payer of the dues. Student Body identification card must be surrendered before refund will be made.

Towel Fee

Clean towels are required for each session of Physical Education. The College will furnish towels for $1.00 a year, or students may bring a clean one from home each time they take Physical Education.

Books and Equipment

The cost of books and equipment depends upon the courses elected and the amount of work undertaken. The average yearly expenditure for books is $25.00 to $75.00; for materials $10.00 to $35.00. If secondhand books are purchased, the cost will be materially reduced. A complete list of textbooks and materials required for all courses, together with costs, will be published in a separate bulletin in September, 1957.

Room and Board

The expense of room and board varies with the taste and resources of the student. Some students club together and reduce their expenses proportionally.

GENERAL REGULATIONS

College Residence

No dormitories are maintained by the College but lists of rooms and boarding places are kept on file at the Guidance office.

Automobile Parking

A large area, with individual lanes, has been set apart for student cars at the corner of Terracina Drive and Saunders Street.

Bookstore

A cooperative bookstore is maintained at the College. The business is conducted by a manager who is selected by the College Board of Trustees and the Student Body Board. When books are ordered, a reasonable deposit is required.

Personal Conduct

Students whose personal conduct is unsatisfactory may be disqualified from certain activities or dismissed by the administration at any time. Unsatisfactory dismissals are issued to all students dismissed for misconduct, and a notation to this effect becomes a part of the student's permanent record.

All applications for readmission must be in writing and directed to the president of the college. Readmission will not be allowed sooner than one full semester after date of dismissal. This readmission application must be accompanied by evidence of seriousness of purpose toward maintaining a satisfactory record of conduct. Individuals readmitted will be placed on probation pending proof of seriousness of purpose.

Social Functions

All social functions are under the general supervision of the Dean of Women, and must be approved by her before any announcement concerning them is made. The time, place, and names of patrons must be submitted a reasonable time in advance.

ATTENDANCE

All students are expected to attend every session of every course in which they are enrolled. A student will be dropped from a course on the accumulation of four absences regardless of the cause. ABSENCE, BECAUSE OF ILLNESS, MUST BE ACCOUNTED FOR IN THE REGISTRAR'S OFFICE BEFORE A STUDENT RETURNS TO CLASSES AFTER THE ILLNESS. Request for leave to be absent from a class for other reasons, or explanation for having been absent should be made to the Deans. Work missed for unavoidable cause may be made up with the instructor's approval. Under no circumstances will absence for any reason excuse the student from completing all the work assigned in a given course. After an absence it is the responsibility of the student to check with his instructor about the completion of missed assignments.
When he has been absent from college for two consecutive weeks without previous explanation, a student's name is dropped from the rolls, and permission to be reinstated must be obtained from each instructor in whose class he is enrolled.

Withdrawal from College

Permission to withdraw from college will be granted to the student who makes application at the Registrar's Office and complies with the terms for honorable dismissal. Any student who withdraws from college and fails to do so officially receives an "F" as a dismissal grade in all courses and forfeits his right to receive honorable dismissal. These facts will be recorded on his record and made a part of any transcript. Upon completion of withdrawal before the end of the first nine weeks of a semester, a notation of "dropped" will be placed upon the student's record. If withdrawal takes place after the ninth week of a semester a "WF" signifying his status will be recorded in all courses in which he has maintained a satisfactory grade, or a "WF" denoting failure.

Change of Address

It is the duty of the student to advise the Registrar's Office of any change in college address.

Use of Library

The services of the College Library are available to students and residents of this area without charge. Students have free access to any of the books and magazines in the collection, and are encouraged to use the library for their recreational reading as well as for academic pursuits. The circulation period is flexible, and is determined by the demand for the material in question. Usual loans are for two weeks, but shorter periods may be required for assigned reading in limited materials. Longer loans may be made upon request. Borrowers are held responsible for any library materials which might be lost while in their care. A quiet, studious atmosphere is conducive to reading, and should be observed by those who use the library.

GRADING SYSTEM

Grades

Grade reports are issued at the close of each semester to all registered students in good standing. The following grade marks are used:

A, excellent; B, good; C, satisfactory; D, below average but passing; F, failed. C is the basic grade; A and B are marks of distinction.

F, failed, is given for (1) unsatisfactory work in a completed course; (2) withdrawal from a course after the ninth week; (3) all courses following unofficial withdrawal from college. If a student is subsequently reinstated in the College and completes one or more semesters satisfactorily with an average of C for all work completed at Riverside College, he may petition for removal of the F penalty for unofficial withdrawal.

W, withheld; given when a student's work is not complete at the end of a semester and then only when such incompleteness is the result of circumstances beyond his control. A withheld grade must be made up by the end of the third week of the semester in which the student is next enrolled, provided such enrollment occurs within one year of the granting of the W grade.

WP, withdrawn passing: This grade is recorded if a student withdraws from college after the ninth week of a semester and is passing at the time of his withdrawal.

WF, withdrawn failing: This grade is recorded if a student withdraws from college after the ninth week of a semester and is failing at the time of his withdrawal.

A course in which a mark of D has been received may be repeated to raise the grade, but no additional units will be allowed upon repetition.

A regular student who makes a grade point average substantially below C in any semester will be placed on probation and be made subject to the conditions set by the Deans or Registrar in regard to his study load. If at the end of a second semester his grade point average has not improved, he may be allowed to enroll only upon recommendation of the Dean, and if permission is granted, he must then maintain an acceptable grade point average or be denied admission the following semester.

A special student who is taking eight or fewer units in a given semester and whose work has been unsatisfactory may be declared ineligible to register in the semester following.

General Regulations

One special student who is taking eight or fewer units in a given semester and whose work has been unsatisfactory may be declared ineligible to register in the semester following.

Grade Points

On the basis of scholarship grades, grade points are awarded as follows: A, 4 points per unit of credit; B, 3 points per unit of credit; C, 2 points per unit of credit; D, 1 point per unit of credit; F, no points per unit of credit.

The attention of students (particularly those who plan to continue their education at a senior college or university) is called to the fact that "The practical significance of scholarship grades is largely determined by their use in connection with grade points." To qualify for full junior standing in the College of Letters and Science at the University of California, the student must have acquired in the junior college at least sixty semester units of acceptable college work (no more than seventy are accepted by the University of California) and at least as many grade points as time units; that is, he must attain an average of C (2) for all courses completed in a junior college or he will not be admitted to the University.

Repeated Courses

In computing grade point averages, courses repeated because of F or D grades will be assigned the grade and grade points earned on each attempt.

No student will be required to undertake a curriculum leading to the degree of Associate in Arts, but only the student who completes such a curriculum with the proper grade point average (C) will be a candidate for the degree.

Courses repeated to raise a grade must be counted in the study-list total, even though additional units are not allowed for repetition.
 COURSES OF INSTRUCTION

Note of Explanation

Following the title of each course its value in semester units is shown by a number in parenthesis: The semester in which the course is given is shown by Roman Numeral I for the Fall Semester and Roman Numeral II for the Spring Semester. Yr. indicates that the course extends throughout the Fall and Spring Semesters. A course which is designated by a double number, for instance, Geography 1A, 1B, is continued through two successive semesters, ordinarily running from September to June. In some instances, however, the first part of a course might be given in the Spring Semester. The first half of such a course is a prerequisite to the second half unless there is a definite statement to the contrary.

General Information

All the offerings of the college either academic or vocational are taught as college courses and therefore may be accepted for transfer credit by colleges and universities which recognize these subjects in their degree curricula. However, some courses are essentially terminal in nature and are not designed for transfer purposes.

Courses * starred are not open to Freshmen.
Courses ** starred are not intended to be transferred.

Accounting

Agriculture
Pre-Agriculture: Economics
Pre-Agriculture: Education
Pre-Agronomy
Pre-Animal Science — Pre-Veterinary

Plant Science
Pre-Horticulture: Sub-Tropical Horticulture
Pre-Food Technology
Pre-Plant Pathology
Pre-Truck Crops

Anthropology

Apparel
Apparel Design
Apparel Merchandising

Architecture

Art
Appreciation and History of Art

Astronomy
Bacteriology
Botany

Business
General Business
Banking and Finance
Industry
Management and Industry
Marketing
Office Management

Chemistry
Pre-Chiropractic
Pre-Dental

Economics

Engineering
Aeronautical Engineering
Chemical Engineering
Civil Engineering
Electrical Engineering
Mechanical Engineering
Mining Engineering
Petroleum Engineering

English

English
English and Speech (Teaching)

Pre-Entomology and Parasitology
Forestry

French

Geography

Geology

German

History

Home Economics
General
Dietetics
Major for Teachers
Promotional Work

Industry

International Relations

Journalism

Laboratory Technician: Medical Technician

Pre-Landscape Design
**COURSES OF INSTRUCTION**

Pre-Legal  
Office Management  
Mathematics  
Pre-Medicine  
Pre-Metallurgy  
Meteorology  
Music  
Nursing  
Pre-Nursing  
Public Health Nursing  
See Page (65) also  
Pre-Optometry  
Pre-Osteopathy  
Pre-Pharmacy  
Philosophy  
Physical Education  
Men  
Women  
Physical Therapy  
Physics  
General  
Applied: Acoustics  
Chemical  
Electricity and Magnetism  
Political Science  
General  
Politics  
Public Relations  
Psychology  
Public Service  
Financial Administration  
Personnel Administration  
Public Management  
Public Welfare Administration  
Sociology (Teaching)  
Spanish  
Teaching Major (Elementary)  
Zoology  
Fish and Game  
Genetics: Museum work: Park Management: Teaching  
Physiology  

**Specialized Vocational Curricula**

Accounting  
Auto Mechanics  
Business, General  
Clerical, General  
Cosmetology  
Education, General  
Electronics  
Journalism and Newspaper Work  
Merchandising and Salesmanship  
Secretarial  
Vocational Nursing  
Professional Nursing  

The following are samples of the many organized programs and curricula offered at Riverside College. The courses lead to an Associate in Arts degree at Riverside College and to junior standing at the University of California.

Other sample courses are available in the College Office, which students may have upon request.

**BACTERIOLOGY**

**MEDICAL TECHNOLOGY**

**Freshman Year**

<table>
<thead>
<tr>
<th>Units</th>
<th>Second Semester</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Semester</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Education</td>
<td>1 Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>English 1A</td>
<td>3 English 1B</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry 1A</td>
<td>5 Chemistry 1B</td>
<td>5</td>
</tr>
<tr>
<td>French or German</td>
<td>4 French or German</td>
<td>4</td>
</tr>
<tr>
<td>Zoology 1A</td>
<td>4 Zoology 1B</td>
<td>4</td>
</tr>
<tr>
<td>Psychology 49</td>
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<td></td>
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<tr>
<td></td>
<td>18</td>
<td>17</td>
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</table>

**Sophomore Year**

<table>
<thead>
<tr>
<th>Units</th>
<th>Second Semester</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
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<td>1 Physical Education</td>
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## COURSES OF INSTRUCTION

### PRE-BUSINESS

#### Freshman Year

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<td>Math D, or 1</td>
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<td><strong>Total</strong></td>
<td>17</td>
<td><strong>Total</strong></td>
<td>18</td>
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</table>

#### Sophomore Year

| Physical Education | 1 | Physical Education | 1 |
| Business 1A | 3 | Business 1B | 3 |
| Economics 1A | 3 | Economics 1B | 3 |
| Humanities | 3 | Humanities | 3 |
| Humanities | 3 | Social Science | 3 |
| History 6A | 3 | History 6B | 3 |
| **Total** | 16 | **Total** | 16 |

### COMMERCIAL ART

#### Freshman Year

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#### Sophomore Year

| Physical Education | 1 | Physical Education | 1 |
| Art 59 | 2 | Art 60 | 2 |
| Art 69A | 2 | Art 69B | 2 |
| English 1A | 3 | English 1B | 3 |
| Psychology 1A | 3 | Psychology 1B | 3 |
| History 3A | 2 | History 3B | 2 |
| Health Education 1 | 2 | Elective | 2 |
| Elective | 2 | | |
| **Total** | 17 | **Total** | 15 |

### PRE-DENTAL

For transfer to University of Southern California

#### Freshman Year

<table>
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<td>Psychology 49</td>
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<tr>
<td><strong>Total</strong></td>
<td>18</td>
<td><strong>Total</strong></td>
<td>17</td>
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#### Sophomore Year

| Physical Education | 1 | Physical Education | 1 |
| Physics 2A | 4 | Physics 2B | 4 |
| History 3A | 2 | History 3B | 2 |
| Art 1 or Music 20 | 3 | Chemistry 8 & 9 | 2 |
| Psychology 1A | 3 | Psychology 1B | 3 |
| English 14A or 6A | 2-3 | English 14B or 6B | 2-3 |
| Health Ed. 1 | | | |
| **Total** | 17-18 | **Total** | 16-17 |

### ART

#### Freshman Year

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<th>Units</th>
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<td>Art 4A</td>
<td>2</td>
<td>Art 4B</td>
<td>2</td>
</tr>
<tr>
<td>Art 54A</td>
<td>2</td>
<td>Art 22</td>
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<td>English 1B</td>
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<td><strong>Total</strong></td>
<td>17</td>
<td><strong>Total</strong></td>
<td>17</td>
</tr>
</tbody>
</table>

#### Sophomore Year

| Physical Education | 1 | Physical Education | 1 |
| Art 54A | 2 | Art 22 | 2 |
| Anthropology or Psychology | 3 | Anthropology or Psychology | 3 |
| Music 20A | 3 | Music 20B | 3 |
| Selected Art Course | 2 | Selected Art Course | 2 |
| Laboratory Science | 3 | Laboratory Science | 5 |
| English 6A | 8 | | |
| **Total** | 17 | **Total** | 16 |
### MECHANICAL ENGINEERING

**Freshman Year**

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<td>History 3A</td>
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<td>History 3B</td>
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</tr>
<tr>
<td>Health Education 1</td>
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<td>Engineering 1B</td>
<td>3</td>
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<tr>
<td><strong>Total</strong></td>
<td>17</td>
<td><strong>Total</strong></td>
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**Sophomore Year**

| Physical Education | 1 | Physical Education | 1 |
| Engineering 45 | 3 | Engineering 35 | 3 |
| Math 4A | 3 | Math 4B | 3 |
| Physics 4B | 4 | Physics 4C | 4 |
| Chemistry 1A | 5 | Engineering 24 | 2 |
| **Total** | 16 | **Total** | 18 |

### JOURNALISM

**Freshman Year**

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<th>Units</th>
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<td>Foreign language</td>
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<td>Same language</td>
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</tr>
<tr>
<td>English 3A</td>
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<td>English 3B</td>
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<td>History 6A</td>
<td>3</td>
<td>History 6B</td>
<td>3</td>
</tr>
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<td>Political Science</td>
<td>3</td>
<td>Health Ed. 1</td>
<td>2</td>
</tr>
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<td>Psychology 49</td>
<td>1</td>
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<tr>
<td><strong>Total</strong></td>
<td>18</td>
<td><strong>Total</strong></td>
<td>16</td>
</tr>
</tbody>
</table>

**Sophomore Year**

| Physical Education | 1 | Physical Education | 1 |
| Foreign language | 4 | Speech 1A | 3 |
| Science | 4 | Science | 5 |
| History 4A | 3 | History 4B | 3 |
| Philosophy 6A | 3 | Philosophy 6B | 3 |
| Fine Arts | 3 |
| **Total** | 18 | **Total** | 15 |

### HOME ECONOMICS: GENERAL

**Freshman Year**

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<td>Chemistry 8 &amp; 9</td>
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<td>2</td>
<td>History 6B</td>
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<tr>
<td>History 6A</td>
<td>3</td>
<td>Health Ed. 1</td>
<td>2</td>
</tr>
<tr>
<td>Psychology 49</td>
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</tr>
<tr>
<td><strong>Total</strong></td>
<td>18</td>
<td><strong>Total</strong></td>
<td>16</td>
</tr>
</tbody>
</table>

**Sophomore Year**

| Physical Education | 1 | Physical Education | 1 |
| Home Ec. 1A | 3 | Home Ec. 1B | 3 |
| Physiology 1A | 3 | Physiology 1B | 3 |
| Child Care | 2 | Fine Arts | 3 |
| Fine Arts | 3 | Psychology 1B | 3 |
| Psychology 1A | 3 | Sociology 2 | 3 |
| **Total** | 18 | **Total** | 16 |

### PRE-MEDICINE

**Freshman Year**

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<tr>
<td>Zoology 1A</td>
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<td>Zoology 1B</td>
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<tr>
<td><strong>Total</strong></td>
<td>18</td>
<td><strong>Total</strong></td>
<td>17</td>
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</table>

**Sophomore Year**

| Physical Education | 1 | Physical Education | 1 |
| Chemistry 5 | 5 | Chemistry 8 and 9 | 6 |
| Physics 2A | 4 | Physics 2B | 4 |
| History 3A | 2 | History 3B | 2 |
| Language | 4 | Humanities | 3 |
| Health Ed. 1 | 2 |
| **Total** | 16 | **Total** | 18 |
### COURSES OF INSTRUCTION

#### PRE-LEGAL

**Freshman Year**

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<th>Units</th>
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<td>Political Science</td>
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<td>Same language</td>
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<td><strong>Total</strong></td>
<td>18</td>
<td><strong>Total</strong></td>
<td>17</td>
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</tbody>
</table>

**Sophomore Year**

| Physical Education | 1 | Physical Education | 1 |
| Speech 1A | 3 | Health Ed. 1 | 2 |
| Economics 1A | 3 | Economics 1B | 3 |
| Science | 4 | Science | 5 |
| Philosophy 6A | 3 | Philosophy 6B | 3 |
| Same foreign language | 4 | English 6B | 3 |
| **Total** | 18 | **Total** | 17 |

#### PRE-NURSING - PUBLIC HEALTH NURSING

**Freshman Year**

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<td><strong>Total</strong></td>
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</table>

**Sophomore Year**

| Physical Education | 1 | Physical Education | 1 |
| History 3A | 2 | History 3B | 2 |
| Electives | 3 | Bacteriology | 4 |
| Physiology 2A | 4 | Physiology 2B | 4 |
| Same language | 4 | Philosophy or Fine Arts | 3 |
| Philosophy or Fine Arts | 3 | Elective | 3 |
| **Total** | 17 | **Total** | 17 |

#### MUSIC AND SPECIAL SECONDARY CREDENTIAL

**Freshman Year**

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<td>Music 2B</td>
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<td>19</td>
<td><strong>Total</strong></td>
<td>17</td>
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</tbody>
</table>

**Sophomore Year**

| Physical Education | 1 | Physical Education | 1 |
| History 6A | 3 | Social Science | 3 |
| Psychology 1A | 3 | History 6B | 3 |
| Music 5 | 3 | Music 7 | 3 |
| Music 21A | 2 | Music 21B | 2 |
| Piano or Voice or Organ | 2 | Voice or Piano or Organ | 2 |
| Ensemble Participation | 1 | Ensemble Participation | 1 |
| Electives | 2 | Health Ed. 1 | 2 |
| **Total** | 17 | **Total** | 17 |

#### PHYSICS

**Freshman Year**

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<th>Units</th>
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<td>History 6B</td>
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<td><strong>Total</strong></td>
<td>17</td>
<td><strong>Total</strong></td>
<td>18</td>
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**Sophomore Year**

| Physical Education | 1 | Physical Education | 1 |
| Physics 4B | 4 | Physics 4C | 4 |
| Mathematics 4A | 3 | Mathematics 4B | 3 |
| Same language | 4 | Electives | 3 |
| Chemistry 1A | 5 | Chemistry 1B | 5 |
| **Total** | 17 | **Total** | 16 |

*French or German
### PSYCHOLOGY

**Freshman Year**

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<td>Health Ed. 1</td>
<td>2</td>
</tr>
</tbody>
</table>

16

**Sophomore Year**

| Physical Education | 1     | Physical Education | 1     |
| Same Foreign Language | 4     | Chemistry 3        | 3     |
| Psychology 1A       | 3     | Psychology 1B      | 3     |
| Sociology 1A or Anthropology 1A | 3     | Sociology 1B or Anthropology 1B | 3     |
| Philosophy 6A       | 3     | Philosophy 6B      | 3     |
| Fine Arts           | 3     | Fine Arts          | 3     |

17

### ELEMENTARY TEACHING - PROVISIONAL TRAINING AND TRANSFER

**Freshman Year**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Units</th>
<th>Second Semester</th>
<th>Units</th>
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<tbody>
<tr>
<td>Physical Education</td>
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<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>English 1A or 50A</td>
<td>3</td>
<td>English 1B or 50B</td>
<td>3</td>
</tr>
<tr>
<td>Business 1A or 50A</td>
<td>3</td>
<td>Business 1B or 50B</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 49</td>
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<td>Electives</td>
<td>3</td>
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<tr>
<td>*Electives</td>
<td>4</td>
<td>*Electives</td>
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<tr>
<td>Business 51</td>
<td>3</td>
<td>Business 54</td>
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</table>

15

**Sophomore Year**

| Physical Education | 1     | Physical Education | 1     |
| History 3A         | 2     | History 3B         | 2     |
| Business 15A       | 3     | Business 15B       | 3     |
| Music 1            | 3     | Music 40B          | 1     |
| Geography 1A       | 3     | Geography 2        | 1     |

16-17

### SPECIALIZED COURSES

Upon completion of the following specialized courses, students are awarded the Associate in Arts degree. These courses are essentially terminal in nature and are not necessarily for transfer to institutions of higher learning.

#### ACCOUNTING

**Freshman Year**

<table>
<thead>
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<th>First Semester</th>
<th>Units</th>
<th>Second Semester</th>
<th>Units</th>
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<tr>
<td>Physical Education</td>
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<td>Physical Education</td>
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<td>Business 1B or 50B</td>
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<tr>
<td>Business 63</td>
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<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>Business 97A</td>
<td>3</td>
<td>Business 97B</td>
<td>3</td>
</tr>
<tr>
<td>Business 81</td>
<td>3</td>
<td>Business 68</td>
<td>2</td>
</tr>
<tr>
<td>Psychology 49</td>
<td>1</td>
<td>Elective</td>
<td>2</td>
</tr>
</tbody>
</table>

17

**Sophomore Year**

| Physical Education | 1     | Physical Education | 1     |
| History 3B         | 2     | History 3B         | 2     |
| Business 15A       | 3     | Business 15B       | 3     |
| Music 20B          | 2     | Music 20B          | 3     |
| Elective           | 4     | Elective           | 2     |
| *Elective          | 3     | *Elective          | 2     |

17

*Recommended: Psychology 6, Speech 1A, Economics 2

### AUTO MECHANICS

**Freshman Year**

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<tr>
<th>First Semester</th>
<th>Units</th>
<th>Second Semester</th>
<th>Units</th>
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<tbody>
<tr>
<td>Physical Education</td>
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<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>Auto Mechanics 1A</td>
<td>7</td>
<td>Auto Mechanics 1B</td>
<td>7</td>
</tr>
<tr>
<td>Mathematics 50A</td>
<td>3</td>
<td>Physics 50</td>
<td>3</td>
</tr>
<tr>
<td>History 3A</td>
<td>2</td>
<td>History 3B</td>
<td>2</td>
</tr>
<tr>
<td>English 1A or 50A</td>
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<tr>
<td>Psychology 49</td>
<td>1</td>
<td>Elective</td>
<td>2</td>
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</table>

17

**Sophomore Year**

| Physical Education | 1     | Physical Education | 1     |
| Auto Mechanics 1B  | 7     | Auto Mechanics 1B  | 7     |
| Physics 50         | 3     | Physics 50         | 3     |
| History 3B         | 2     | History 3B         | 2     |
| English 1B or 50B | 3     | English 1B or 50B  | 3     |

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### COURSES OF INSTRUCTION

#### Sophomore Year

<table>
<thead>
<tr>
<th>Course</th>
<th>First Semester</th>
<th>Second Semester</th>
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<tr>
<td>Physical Education</td>
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<td>1</td>
</tr>
<tr>
<td>Psychology 2A</td>
<td>3 Psychology 2B</td>
<td>3</td>
</tr>
<tr>
<td>Health Ed. 1</td>
<td>2 Business 97B</td>
<td>3</td>
</tr>
<tr>
<td>Business 97A</td>
<td>3 Auto Mechanics 2B</td>
<td>4</td>
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<td>Auto Mechanics 2A</td>
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#### General Clerical

##### Freshman Year

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<tr>
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</tr>
<tr>
<td>English 1A or 50A</td>
<td>3 English 1B or 50B</td>
<td>3</td>
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<tr>
<td>Business 50A or 59A</td>
<td>3 Business 50B or 59B</td>
<td>3</td>
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<tr>
<td>Business 60A</td>
<td>2 Business 60A</td>
<td>2</td>
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<tr>
<td>Business 68</td>
<td>2 Business 73</td>
<td>3</td>
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<td>Psychology 49</td>
<td>1 Electives</td>
<td>2</td>
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<td>Electives</td>
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##### Sophomore Year

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<th>Second Semester</th>
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<tr>
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<td>2 Business 62</td>
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<td>*Electives</td>
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<td><strong>Total Units</strong></td>
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*Recommended: Economics 2; Psychology 2A; Home Economics; Music; Income Tax Accounting; English 1A; Sociology 2.

#### Drafting

##### Freshman Year

<table>
<thead>
<tr>
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<tbody>
<tr>
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<tr>
<td>Architecture 50A</td>
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<tr>
<td>or Engineering 22</td>
<td>(2) or Engineering 23</td>
<td>(2)</td>
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<tr>
<td>Math D</td>
<td>3 Math C</td>
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<tr>
<td>History 3A</td>
<td>2 History 3B</td>
<td>2</td>
</tr>
<tr>
<td>Business 97A</td>
<td>3 Business 97B</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 49</td>
<td>1 Health Ed. 1</td>
<td>2</td>
</tr>
<tr>
<td>Electives</td>
<td>3 Electives</td>
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</tr>
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<td><strong>Total Units</strong></td>
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##### Sophomore Year

<table>
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<th>First Semester</th>
<th>Second Semester</th>
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</thead>
<tbody>
<tr>
<td>Physical Education</td>
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<td>1</td>
</tr>
<tr>
<td>Engineering 1A</td>
<td>3 Engineering 2A</td>
<td>2</td>
</tr>
<tr>
<td>Psychology 2A</td>
<td>3 Psychology 2B</td>
<td>3</td>
</tr>
<tr>
<td>English 50A</td>
<td>3 English 50B</td>
<td>3</td>
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<tr>
<td>Business 50A</td>
<td>3 Electives</td>
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</tr>
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<td>Business 18A</td>
<td>3 Business 18B</td>
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<td><strong>Total Units</strong></td>
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#### Electronics

##### Freshman Year

<table>
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<td>Electronics 1A</td>
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<td>English 1A</td>
<td>3 English 1B</td>
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<td>Math 52</td>
<td>3 Electronics 7</td>
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<tr>
<td>Engineering 50</td>
<td>2 Physics 50</td>
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<tr>
<td>Psychology 50</td>
<td>1 Math 7</td>
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<td><strong>Total Units</strong></td>
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##### Sophomore Year

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<tbody>
<tr>
<td>Physical Education</td>
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<tr>
<td>Electronics 2A</td>
<td>6 Electronics 3</td>
<td>6</td>
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<tr>
<td>Electronics 2B</td>
<td>4 Electronics 4</td>
<td>4</td>
</tr>
<tr>
<td>History 3A</td>
<td>2 History 3B</td>
<td>2</td>
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<tr>
<td>Health Ed. 1</td>
<td>2 Business 97B</td>
<td>3</td>
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<tr>
<td>Business 97B</td>
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<td><strong>Total Units</strong></td>
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#### Journalism and Newspaper Work

##### Freshman Year

<table>
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<tbody>
<tr>
<td>Physical Education</td>
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<td>1</td>
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<tr>
<td>English 1A</td>
<td>3 English 1B</td>
<td>3</td>
</tr>
<tr>
<td>History 3A</td>
<td>2 History 3B</td>
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<tr>
<td>English 3A</td>
<td>3 English 3B</td>
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<td>Business 60A</td>
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<tr>
<td>Electives</td>
<td>5 Electives</td>
<td>5</td>
</tr>
<tr>
<td>Psychology 49</td>
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<tr>
<td><strong>Total Units</strong></td>
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<td>16</td>
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**Recommended:** Economics 2; Psychology 2A; Home Economics; Music; Income Tax Accounting; English 1A; Sociology 2.
Courses of Instruction

Sophomore Year

<table>
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<td>Physical Education</td>
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<td>Economics 1A</td>
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<td>English 6A</td>
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<td>English 53A</td>
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<td>English 11A</td>
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<tr>
<td>Electives</td>
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</table>

17 units

Special emphasis is placed on participation in school publications and in the news service program of the college.

Merchandising and Salesmanship

Freshman Year

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<th>Course</th>
<th>Units</th>
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<td>Business 97A</td>
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<td>Business 81</td>
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<td>Business 60A</td>
<td>2</td>
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<td>Psychology 49</td>
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16 units

Sophomore Year

<table>
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<tbody>
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<td>Physical Education</td>
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<td>Business 98</td>
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</tr>
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<td>Business 60A</td>
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<td>History 3A or Poli. Sci. 1A</td>
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<td>Business 83</td>
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17-18 units

Secretarial

Freshman Year

<table>
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<td>Business 81</td>
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<td>Business 68</td>
<td>2</td>
</tr>
<tr>
<td>Psychology 49</td>
<td>1</td>
</tr>
</tbody>
</table>

17 units

ANATOMY

(Physiology and Anatomy, See Page 69)

Anthropology

1-A, 1-B. Introductory Anthropology: Cultural Anthropology

1-A. Introductory Anthropology I

1-B. Cultural Anthropology II
A survey of the range of cultural phenomena of nonliterate peoples, including material culture, social organization, religion, language and other topics.

Either half of the course may be taken independently.

7. Anthropological Problems
Prerequisite: A previous course in anthropology and permission of the instructor. Individual investigation of problems in anthropology. Conferences with the instructor. Periodic reports.

Architecture

50-A, 50-B. Residential Design
Technical drafting for the building trades using original designs, including plans, elevations, plot plans, presentation drawings, study models, and theory.

Art

Preparation for the Major: Art 1, 4, 22, 67

1-A. History and Appreciation of Art
Survey of the history and appreciation of painting, architecture, sculpture and the minor arts. Prehistoric, Ancient, and Medieval periods.
18. History and Appreciation of Art (1-B, U.C.) (3-3) Mr. Cooper
Prerequisite: 1-A or consent of instructor.
Renaissance and Modern periods.

51-A. Appreciation of Art (3) Mr. Cooper
Two illustrated lectures each week. Prehistoric, Ancient and Medieval periods.

51-B. Appreciation of Art (3) Mr. Cooper
Renaissance and Modern periods.

3. Art for Elementary Teachers (3) Mr. Cooper
Creative experience in the composition of pictures, decorative designs, and the representation of natural objects. Problems in the teaching of art to children. For education majors, and others not majoring in art.

4-A, 4-B. Composition in Drawing and Painting (2-B, 2-B, U.C.) (2-2) Yr. Mr. Cooper
Prerequisite: Student must be majoring in art, architecture or related field. Others must have permission of the instructor and may be asked to show samples of their work.

22. Decorative Design (16-A, U.C.) (2-1) Mr. Cooper
Prerequisite: Art 3 or 4, or may be taken concurrently.
Historical design sources, and modern decorative design. Various techniques in creating original designs. Offered alternate years.

23-A, 23-B. Elementary Ceramics (1) 1, 11 Mrs. Farran
Working knowledge of basic ceramics techniques are taught. Emphasis is placed on creative work. Free form, coil and handmould methods are taught.

24-A, 24-B. Advanced Ceramics (1) 1, 11 Mrs. Farran
Individual projects are encouraged through the use of the potters wheel, mold-making and advanced ceramic techniques. Glazing and firing are also taught.

54-A, 54-B. Graphic Arts (2-2) Yr. Mr. Cooper
Prerequisite: Art 3 or 4, or may be taken concurrently.
Techniques of pencil drawing, pen-and-ink, scratch board, block printing, silk screen printing. Preparation of copy for the photo-engraver.

59. Lettering and Typography (2) 1 Mr. Cooper
Analysis and design of letters and type faces of various styles. Practice in lettering with pen and brush.

60. Advertising Layout (2) 11 Mr. Cooper
Recommended prerequisites: Art 4 and 59.
Rough and abstract layouts. Presentation layouts. Finished copy for the photo-engraver.

61-A, 61-B. Practical Interior Decoration (3-3) Yr.
A workshop for practical application of interior room arrangements, background and accessories.

67. Figure Drawing (2) II Mr. Cooper
Prerequisite: Permission of the instructor.
Drawing and painting from the model. Studies of style in figure drawing by means of colored lantern slides. Offered alternate years. Not offered 1957-58.

69-A, 69-B. Advanced Problems in Art (2-2) Yr. Mr. Cooper
For students of superior ability and experience who are capable of carrying out special projects in relation to some real need and purpose.

72-A, 72-B. Elementary Weaving (1) 1, 11 Mrs. Farran
The thorough study of the mechanics of the four-harness loom and the basic weaving patterns and materials. Techniques in simple traditional and modern weaving.

73-A, 73-B. Advanced Weaving (1) 1, 11 Mrs. Farran
Modern weaving techniques are studied and original patterns are developed. Finger weaving and the weaving of original and unusual materials is undertaken.

ASTRONOMY


1-A. Introduction to the Solar System (1-A, U.C., U.C.L.A.) 1
A beginner's non-mathematical course in the astronomy of the sun, moon, planets, comets and meteors. Possibilities of space flight will be discussed.

1-B. Introduction to the Stars (1-B, U.C., U.C.L.A.) II
Prerequisite: Astronomy 1A or approval of instructor.
A beginner's non-mathematical course in the astronomy of the stars, star clusters, and outer galaxies.

AUTO MECHANICS
(See Page 74)

BACTERIOLOGY

Preparation for the Major: Required: Bacteriology I; Botany I; Chemistry I; Physics 2; Zoology I; French or German. Recommended: Chemistry 5, 8, 9; Physiology 1; Economics 1.

1. General Bacteriology (2 U.C.), (4) 1, 11 Mr. Roby
Recommended prerequisites: High school chemistry or chemistry II or a course in biological science.

The fundamental concepts and principles of bacterial life are studied with emphasis on the environmental factors such as the more important physical and chemical agencies influencing the growth of bacteria; their biochemical and physiological activities; their biological and morphological identifications; their microscopic examination and cultivation; the bacteria of air, water, soil, milk and dairy products, other foods; industrial applications; and introduction to the disease causing bacteria with a study of prophylaxis, immunity and treatment. This course fulfills the requirement of bacteriology set up by the State Board of Nurse Examiners. Three lectures and one laboratory period weekly.
BIOLOGY

1. General Biology (4) I, II Mr. Johnson
A study of life as revealed in plants and animals, including the basic principles of morphology, physiology, and classification; also a brief presentation of human physiology and metabolism. Three lectures and one laboratory period weekly.

2. Microbiology (2) I Mr. Johnson
An introductory course designed to give non-science majors a glimpse at the world of microorganisms. Included will be a brief study of protozoans, algae, fungi, yeasts, bacteria, viruses and rickettsiae, with special emphasis on their relation to mankind. Lectures, demonstrations, field trips.

BOTANY

Preparation for the Major, U.C. (Berkeley) Required: Botany 1, 2, 16; Chemistry 1A, 8; Physics 2A-2B. Recommended: Zoology 1A, and elementary courses in other biological sciences.

Preparation for the Major, U.C.L.A. - Required: Botany 1, 2 (or 3); Chemistry 1A-1B, 8. Certain phases of botanical work require Bacteriology 1; Geography 1; Geology 1 or 8; Mathematics C, D, 1, 1A; Zoology 1A-1B.

1. General Botany (1; U.C., U.C.L.A.) (5) I or II Miss Cooper
Prerequisite: none.
An introduction to the plant sciences. Three lectures and two laboratory periods weekly.

2. Plant Morphology (2; U.C.L.A.; 14; U.C.) (4) II Miss Cooper
Prerequisite: Botany 1.
The evolution of the plant kingdom, dealing with the comparative morphology of the principal plant groups. Frequent field trips. Two lectures and two laboratory periods weekly.

3. Field Botany (3; U.C.L.A.) (4) II Miss Cooper
Prerequisite: Botany 1.
An introduction to the form, habit, and classification of native and ornamental plants. Frequent field trips. Two lectures and two laboratory periods weekly.

16. Comparative Plant Morphology (16; U.C.) (4) I Miss Cooper
Prerequisite: Botany 1.
Two lectures and two laboratory periods weekly.

BUSINESS

The work is concerned with the classification of accounts, recording in books of original entry, posting to ledgers, use of control accounts, preparation of worksheets, adjusting and closing entries, preparation of balance sheets, profit and loss statements and subsidiary manufacturing statements. Analysis of financial statements, and cost accounting are included. Three lectures and one laboratory period weekly.

2. Auditing (2) I Mr. Newstead
Prerequisite: Business 1-A, 1-B or Business 50-A, 50-B, or consent of instructor.
Basic theory and technique of auditing are covered, including the fundamental principles of audit practice and procedure, the verification of balance sheet, profit and loss items, the preparation of audit reports and working papers. One long audit case will be worked.

3. Income Tax Accounting (2) II Mr. Newstead
Prerequisite: A high school or college course in bookkeeping or accounting or a concurrent accounting course.
A study of the theory and method of preparation of income tax returns for individuals, partnerships and corporations. Actual forms are studied and returns are prepared.

4. Cost Accounting (3) II Mrs. McGovern
Prerequisite: Business 1-AB or Business 51.
The fundamental principles of Cost Accounting including the relationships of production costs, materials, labor and overhead, the process system of cost accounting, the Standard Cost system and such topics as estimated costs, factory ledgers, spoiled and scrap materials in process, by-products and joint products, interest on investment, and distribution costs. Application of principles is made to one Manufacturing Practice set.
59-A, 59-B. Beginning Bookkeeping (3-3) Yr. Mr. Smith
This course is built around the activities of the general office worker rather than those of the accountant. It is recommended for those who wish to become secretaries, and those who wish to become general clerical workers. Content of the course includes: bank activities, bank statements, handling of cash transactions, checks, notes, charge accounts, statements, the cash journal, sales and purchases journals, payrolls, property records, depreciation, the theory of debit and credit, trial balances, and final statements.

60-A, 60-B. Secretarial Typewriting (2-2) Yr. Miss Loye, Mr. Smith
This course is designed for students who expect to enter the commercial field as private secretaries and general clerical workers. It is open to students who have had no previous training in typewriting, and also those who have had some typewriting, but wish to build up a greater speed and accuracy. The course stresses mastery of the keyboard, personal and business letter-writing, and tabulating of statistical information.

61. Intermediate Typewriting (2) I Mr. Smith
Prerequisite: Business 60-A, 60-B or equivalent.
This course is designed for those students who have had some typing, but wish to gain a higher speed and accuracy. Course consists of intensive drills, business letters, tabulation, and manuscript writing. Open to those students who have a typing speed ranging from 20 to 60 words per minute.

62. Advanced Typewriting (2) I Mr. Smith
Prerequisite: Business 61 or equivalent.
Business letters, typing from rough draft, manuscripts, reports, minutes of meetings, legal documents, business forms, and statistical work. Included also is a laboratory course in the preparation of stencils and operation of the mimeograph, standard duplicator, and mimeoscope.

63. Personal Typewriting (2) I or II Miss Loye, Mr. Smith
This course is designed primarily for the student who needs typewriting for personal and vocational use. Many times the ability to type means the difference in getting or not getting a certain job. The course aims to give a thorough mastery of the keyboard, and the attainment of a practical typing speed. Students pursuing a four-year college course will find typing ability a valuable aid in preparing term reports. Not open to students who have taken or are taking 60, 61, 62.

*64-A, 64-B. Fundamentals of Gregg Shorthand (5-5) Yr. Miss Loye
Meets daily. A basic course in the theory and practice of Gregg Shorthand. A writing speed of 80 words a minute is developed.

65-A, 65-B. Intermediate Shorthand and Introduction to Transcription (5-5) Yr. Miss Loye
Prerequisite: Ability to write Gregg Shorthand at a speed of 60 words a minute.
Meets daily. A writing speed of 120 words a minute is developed. Mailable business letters are transcribed.

*66-A, 66-B. Advanced Shorthand and Transcription (5-5) Yr. Mrs. McGovern
Prerequisite: Ability to write Gregg Shorthand at a speed of 100 words a minute.
Meets daily. A writing speed of 160 words a minute is developed. Specialized vocabularies are learned for business, medical, legal, and scientific stenography. Mailable business letters are transcribed at a rate equal to 3/5 of typing speed.

Students may not accumulate more than twenty (20) units in shorthand.

68. Calculating Machines (2) I, II Mrs. McGovern
Prerequisite: Business 81, Business Mathematics.
A laboratory course designed to give business majors the fundamental operation and application in machine procedure. The course is especially helpful to clerical and accounting students. The machines offered are Comptometer, Burroughs Key-driven calculator, Marchant, Monroe and Friden Rotary Calculators, Monroe, Burroughs and Clary Full Key adding machines, Underwood, Remington and Victor 10-Key adding machines, Burroughs Table model bookkeeping machine, National Cash Register bookkeeping machine, and the Vario-typer. Practice is given in the calculation of discounts, interest, payrolls, invoices and inventories.

69. Office Practice (3) II Mrs. McGovern
Prerequisite: Typing.
A finishing course for secretarial, stenographic, clerical and business administration students in office procedure, routines, systems and decorum. It includes personality development, study of problems of human relations in offices, interviewing and job applications, practical office experience within the classroom.

70. Filing (1) I Mrs. McGovern
A course in fundamentals and basic procedures of filing. A study of Alphabetical, Numerical, Geographical and Subject filing. Instruction in the use of the Triple Check and Variadex filing systems.

71. Secretarial Work Experience (2) Yr. Mr. Bucknell
Prerequisite or taken concurrently: Business English No. 83 and Secretarial Practice No. 69.
The student is assigned to a faculty member to act as Secretary and will have the opportunity to meet the same work production demands encountered in paid employment. A well-developed skill in typing is essential. Shorthand is not required but would be of value. Five hours a week is required to earn two units.
72. Machine Bookkeeping (2) I, II
Prerequisite: Business I-A, 50-A, or 59-A, or enrollment in one of these. Designed to train students in the posting of subsidiary ledgers by machine. The course includes operation of a Burroughs (non-automatic) table model bookkeeping machine and operation of the National Cash Register Bookkeeping machine, Model NCR 3000. Application is given in accounts receivable, accounts payable and payroll accounting. 5 hours weekly.

73. Advanced Office Machines (2) I, II
Prerequisite: Business 68.
A laboratory course designed to give a student advanced training in speed and accuracy on the Key driven calculator, full key adding machine, 10-Key adding machine and the Rotary Calculator, also advanced training on the Vari-typer. 5 hours weekly.

80. Vocational Adjustment (2) II
Mr. Bucknell
Open to second year students only who plan to seek full time employment upon graduation. The course includes the development of efficient work habits and constructive work attitudes, and an understanding of actual job requirements. The selection of local job opportunities in harmony with proven interests and abilities, and the mechanics of job applications.

81. Business Mathematics (3) I, II
Mr. Newstead
Prerequisite: Satisfactory score in arithmetic qualifying test.
A review of the fundamentals of arithmetic necessary for competent participation in business. Fractions, decimals, percentage, interest, bank discount, profit and loss, cash and trade discounts, and denominated numbers.

83. Business Communications (3) I
Mrs. McGovern
Prerequisite: Typing.

91. Business Organization and Administration (3) I
Mr. Bucknell
Consideration is given to organization for ownership and organization for management. In the first part of the course the advantages and disadvantages of each type of organization for ownership are examined. This is followed by a study of the various types of administrative organization, including line, line & staff, functional, territorial, product committee, multiple management, and others. Each type is evaluated to determine its strengths and its weaknesses, and its adaptability to special types of businesses.

96-A, 96-B. Cooperative Retail Trades (5-5) Yr.
Mr. Bucknell
Five hours weekly in the retail laboratory of lecture, discussion, practice and laboratory work. An average of 15 hours weekly each semester in employment of a distributive business at the prevailing wage. The objective is to provide actual experience with laboratory practice and discussion of specific problems encountered by employed students.

97-A, 97-B. Small Business Organization and Management (3-3) Yr.
Mr. Bucknell
Designed for the student who plans to make a career in the management of a small business enterprise.
Distribution of commodities from the producer to the consumer, methods of procuring capital for organization, expansion and maintenance of the enterprise, credits and collections, planning the budget, store location, store layout, interior decoration, what records to keep, what merchandise to buy, how to promote business, personal qualifications for managing a small business, personnel management and problems, advertising problems, inventory and stock control procedures, types of stores, consumer surveys, merchandise resources, partnerships, corporations, contracts, legal relations. Organization charts prepared. Field trips to selected small businesses. Intensive case studies of selected small businesses.

98. Techniques of Selling (3) I
Mr. Bucknell
Designed for the student who plans to make a career in sales work. Wholesale and specialty selling, each student selects a sales proposition to analyze and sell to a qualified prospect in each of three fields.
Sales practice. Development of skill in the presentation of sales talks. Each student gains experience by developing and offering three complete sales presentations, one for each of the three fields of selling, wholesale, specialty, industrial. Practice is given in mastering the sales problems of how to secure prospects, gain favorable attention, create interest, arouse desire, obtain the prospect's order, and handle objections.
Psychology of selling, gaining knowledge and understanding of consumer buying habits, how to influence people, how to aid people in achieving their desires through merchandise selection.

99. Retail Merchandising (3) II
Mr. Bucknell
Prerequisite: Business 81, or may be taken concurrently.
Designed for the student who plans to make a career in the field of retail merchandising.
Problems of store location, store layout, store organization and management, merchandise control, pricing, ethical standards in retailing, methods of securing capital for organization, expansion, maintenance of the business enterprise, credits and collections, principles and techniques of buying for retail organizations, including inventory and stock control procedures, merchandise planning, use and interpretation of buyers' reports and retail mathematics for buyers, advertising, promotion policies, adjustment procedures, personnel problems, forms of retail organization, equipment; financing, insurance, budgeting, governmental relations, legal relations, transportation. Organization charts prepared. Field trips taken to downtown stores. Intensive case studies of retail stores.
CHEMISTRY

Preparation for the Major: Recommended: Chemistry 1, and one or more of 5, 8, 9; Physics 4; Mathematics 1; and a reading knowledge of German. This work may be completed, in part, in the upper division.

1-A, 1-B. General Chemistry (1-A, 1-B, U.C.) (5-5) Yr. Mr. Haslam
Prerequisites: High school chemistry or physics with not less than a C grade or Chemistry 2; Mathematics through intermediate algebra with at least a C grade; satisfactory score on chemistry aptitude test.

1-A I A basic course in the principles of chemistry with special emphasis on chemical calculations. This course is required in colleges of engineering, chemistry, agriculture, and pre-dental, pre-medical, pre-optometry, and pre-pharmacy students; of those majoring in bacteriology, geology, and dietetics. Three lectures and two laboratory periods weekly.

1-B I A continuation of chemistry 1-A with special emphasis on the theory and techniques of qualitative analysis.

2. Introductory General Chemistry (2-A, 2-B, U.C.) (5) I, II
Mr. Brauti, Miss Cooper
Recommended Prerequisite: High School Algebra or Math A.
An introductory course in the principles of inorganic chemistry with a brief introduction to organic and physical chemistry. This course meets the chemistry requirements for nurses, for majors in physical education, and for majors in home economics. Three lectures and two laboratory periods weekly.

3. Introductory General Chemistry (2 U.C.L.A.) (3)
Identical to Chemistry 2, but without laboratory. Three one-hour lectures. This course may be taken for credit in Physical Science by students following curricula not requiring laboratory work in such a field of study.

5. Quantitative Analysis (4-5) I
Mr. Brauti
Prerequisite: Chemistry 1-A, 1-B.
The principles and methods of volumetric and gravimetric analysis and their applications to simple methods of commercial analysis. Recommended for students of chemistry, engineering, medicine, dentistry and certain agricultural students. Two lectures and two or three laboratory periods weekly.

8. Elementary Organic Chemistry (8 U.C.L.A.) (3) II
Mr. Brauti
Prerequisite: Chemistry 1-A, 1-B with a C grade.
Required of pre-medical and pre-dental students, of majors in chemistry, home economics, public health, pharmacy, some agriculture majors, and some engineering majors. An introductory study of the compounds of carbon. Three lectures weekly.

9. Organic Laboratory (9 U.C.L.A.) (3) II
Mr. Brauti
Prerequisite: Chemistry 8, either completed or taken concurrently.
Required of pre-medical and pre-dental students, of majors in chemistry and pharmacy. Experimental study of physical properties and chemical reactions of the common classes of organic compounds. One hour lecture and quizzes; two laboratory periods weekly.

COSMETOLOGY
(See Page 74)

ECONOMICS

Preparation for the Major: Required: Economics 1; and at UCLA, Accounting. Recommended: History 4 or Political Science.

Mr. Mackenzie
A study of the principles of economics, stressing such fundamental theories as those of national income and employment, value, money and banking, prices and allocation of resources, control of resources, interregional trade, taxation and fiscal policy, and types of economic organization.

3-A, 3-B. Economic Institutions and Problems (2-2) Yr. Mr. Mackenzie
The approach is less theoretical than that followed in Economics 1; there is greater emphasis upon economic institutions and current economic problems. Not designed for Business and Economics Majors. Open to both freshmen and sophomores.

EDUCATION

1. Introduction to Education (57, Santa Barbara) (3) II
Mr. Vail
A survey of the field of education, including an understanding of the program and the purposes of elementary and secondary education in the United States, a consideration of the traits desirable in a successful teaching personality, the reasons for teacher education, and an appreciation of the obligations teachers are expected to assume. Problems associated with demand and supply of teachers, teacher rewards and tenure, and the organization, control and support of public schools. Class members are required to practice, under guidance, real teaching situations, such as direction of scout groups, Church School classes, Y.M.C.A. and Y.W.C.A. groups, or others. Guided observations of classes in local elementary and secondary schools are also a part of the course. This is a basic lower-division course designed to prepare interested students for later, specialized courses in education in the upper division. Two lectures and one observation period.

ELECTRONICS
(See Page 76)

ENGINEERING

Instruction in the engineering major is based upon high school chemistry or physics, and four years of high school mathematics, including intermediate and advanced algebra and trigonometry. Only those students who have attained at least an average grade of B in these subjects are qualified for the engineering curriculum. Some, not meeting these requirements may
have the specific prerequisites for certain courses, as Engineering 1 or 22 and may take such courses while making up other deficiencies. For the complete lower division curriculum in engineering, designed to prepare you for the upper division of an engineering college, see page 32 of this catalog.

1-A, 1-B. Plane Surveying (1-A, 1-B, U.C.) (3-3) Yr. Mr. Larson
Prerequisites: Plane trigonometry with grade of A or B and one year of high school mechanical drawing.
Field practice, calculations and mapping. Two lectures and one three-hour field or mapping period weekly.

*45. Materials and Processes (8 U.C., plus one lab.) (3) I Mr. Larson
Prerequisites: Open to second year engineering majors only.
Structural properties and adaptability of various materials. Study of materials of engineering and processes of manufacturing and fabrication. Elementary heat treatment of metals and elementary physical testing of metals, and occasional field trips.

22. Engineering Drawing (22, U.C.) (2) I or II Mr. Horstman, Mr. Larson
Prerequisite: Engineering 50 or one year of high school drawing.
Geometric construction; pictorial drawing; theory of orthogonal projection; freehand orthographic, isometric, and oblique sketching; mechanical isometric and oblique drawing; primary auxiliary views; sectioning; A.S.A. conventional practices; threads and fasteners; use of scale; dimensioning; and simple working drawings based on industrial practices.

23. Descriptive Geometry (23, U.C.) (2) II Mr. Larson
Prerequisite: Engineering 22 and Mathematics C. Open only to engineering majors whose grade point average is 2.5 or higher for the first semester.
The fundamental principles and application to the solution of space problems arising in engineering. Two laboratory periods weekly.

24. Advanced Engineering Drawing (24, U.C.) (2) I or II Mr. Larson
Prerequisites: Engineering 22 and 23.
Detail drawings of machine parts, gears and cams, complete working drawings of fairly complex layouts; production illustration.

*35. Statics (35, U.C.) (3) II Mr. Larson
Prerequisites: Mathematics 4-A and Physics 4. Open to second-year engineering majors only.
Force and equilibrium problems, displacement, and their applications to engineering; algebraic and graphical methods. Three lectures weekly.

50. Mechanical Drawing (2) I or II Mr. Horstman
Fundamentals of mechanical drawing. Open to students who have had less than one year of mechanical drawing in high school.

52. Introduction to Design (2) I, II Mr. Long
Prerequisites: Engineering 22, 23 and mathematics through trigonometry, or consent of the instructor. Completion of, or current enrollment in, Math 3, Physics 2 or 4, and Engineering 8 desirable.
How to analyze problems, make selections of mechanisms, materials and stresses. Elementary design of mechanisms, gears, cams and springs. Consideration of machinery in motion. Two laboratory periods weekly.

ENGLISH
Preparation for the Major: The student who wishes to make English his major subject must have completed, with an average grade of C or higher, English 1-A followed by English 6.
At least one ancient and one modern foreign language should be studied in high school and continued in college. Philosophy and at least one foreign language should be elected in the lower division. A student who has not earned a grade of C or better in English 1-A or English 50-A may elect to complete the English requirement with public speaking only with the recommendation of his composition instructor.
1-A, 1-B. **Composition** (1-A, 1-B, U.C.) (3-3) Yr.
Mr. Black, Mr. Burton, Mr. Hess, Mr. Knopf, Mr. MacCuish, Mr. Metcalf, Mr. Wiley

1-A. Composition, with emphasis on exposition. Reading of essays and writing of themes, including a research paper.
1-B. Composition, with emphasis on description and narration. Reading of poetry, drama, short stories, and the novel. Some critical expository writing included.

3-A, 3-B. **Practical News Reporting** (3-3) Yr. Mr. Knopf
Theory of the correctly written news and feature articles combined with contacts in actual reporting fields. Members of class may expect work on the college paper, the Tiger Times.

6-A, 6-B. **English Literature** (36-A, 36-B, U.C.) (3-3) Yr. Mr. Burton
Prerequisite: English 1. Required for English Majors.
Survey of English literature from its beginning, covering the important historical periods and movements, personalities, and individual literary works. Attention is given to all types of literature including examples of poetry and drama and fictional and non-fictional prose.
Either half of the course may be taken independently.

11-A, 11-B. **Creative Writing** (2-2) Yr. Mr. MacCuish
Studies in narrative, descriptive and expository writing. The short story, magazine articles and play writing will be emphasized. During the second semester, special emphasis will be placed on marketing material, and manuscripts will be submitted to publishers.

14-A, 14-B. **American Literature** (30-A, 30-B, U.C.) (2-2) Yr. Mr. Wiley
Prerequisite: English 1, or may be taken concurrently.
A study of the achievements in American letters from Colonial times to the present, outstanding literary personalities, memorable work, and reflections of American thought in literature. Lectures, discussions, collateral readings, and oral reports.
 Either half of the course may be taken independently.

**FRENCH**

Preparation for the Major: French 1, 2; History 4, Philosophy 10, and Latin are strongly recommended. At UCLA Latin AB or its equivalent is required, and a second modern language recommended.
Prognostic tests are given to all students registering for a foreign language.

1-A, 1-B. **Elementary French** (1, 2, U.C.) (4-4) Yr. Mr. Stone
Study of French grammar, including pronunciation, conversation, composition, and reading of simple literary French. An additional one-hour period for laboratory work is required weekly.

2-A, 2-B. **Intermediate French** (3, 4, U.C.) (4-4) Mr. Stone
Prerequisite: French 1 or its equivalent.
Further study of correct grammatical and idiomatic usage of French, reading of fairly difficult French literature.

51. **English (2) I, II** Mr. Faber, Mr. Wiley
A review course stressing sentence structure, grammar, spelling, and punctuation.

52. **Improvement of Reading** (2) I, II Mr. Burton
Prerequisite: Qualification for English IA or consent of instructor.
Practice in reading for increased speed and comprehension. This course is intended primarily for students intending to transfer. Speed reading films, tachistoscope drill, reading problems and exercises.

53-A, 53-B. **Publications**
Yearbook Production (2-2) Mr. Knopf
College Paper and Publicity (2-2) Mr. Knopf
Prerequisites: English 1, English 3, or consent of instructor.
The qualified student may choose his major affiliation with college publication staffs. Emphasis is placed upon both theory and practice in producing college publications. General publicity matters are also considered, and students may be assigned to this type of work from time to time at the option of the instructor.

49. **Modern Literature** (2) I, II Mr. Hess
A course in the study of modern popular literature. Emphasis will be placed upon the short story and the novel.
GEOGRAPHY

1-A, 1-B. Introductory Geography (1, 2, U.C.) (3-3) Mr. Peck

1-A. Introductory Physical Geography (1, U.C.) 1 Mr. Peck
A study of the basic physical elements of the earth sciences (geography and geology) - especially rock structures, land forms, weather, climates, soils, and natural vegetation. Particular study will be made of local physical features. Map projections will be discussed with inquiry into the implications of the atomic era upon mapping.

1-B. Introductory Cultural Geography (2, U.C.) II Mr. Peck
A study of the basic cultural elements of geography (population distribution and general land use patterns), and their correlation with the physical elements. Delimitation of the major geographic regions of the world.
Either half of the course may be taken independently.

GEOLOGY

1-A, 1-B. Introductory Geology (1, 3, U.C.) (4-4) Yr. Mr. Peck

1-A. Introductory Physical Geology I
The minerals and rocks that make up the earth's crust. Rock formations and their structures. Volcanoes and volcanic eruptions. Earthquakes, their causes, and high frequency zones. Occurrences of ore and petroleum. The problem of water resources. Extensive use will be made of motion pictures and colored slides in supplementing the instruction in this course. Field trips will be made to local points of geological interest. Three lectures and one laboratory period weekly.

1-B. Introductory Historical Geology II Mr. Peck
Theories of the origin of the earth. The geological history of the earth. The development of plants and animals. Extensive use will be made of colored slides in supplementing the instruction in this course. Field trips will be made to local points of geological interest. Three lectures and one laboratory period weekly.

5-A, 5-B. General Geology (2, 3, U.C.I.A.) (3-3) Mr. Peck

5-A. General Physical Geology I
Identical to Geology 1-A, with the exception that laboratory work is omitted. Three lectures weekly. Occasional field trips.

5-B. General Historical Geology II Mr. Peck
Identical to Geology 1-B, with the exception that laboratory work is omitted. Three lectures weekly. Occasional field trips.

7. Geological Problems (2) I or II Mr. Peck
Prerequisites: Geology 1 AB and permission of the instructor. Individual investigation into local geological problems. Conferences with the instructor. Periodic reports.

GERMAN

Prognostic tests are given to all students registering for a foreign language.

1-A, 1-B. Elementary German (1, 2, U.C.) (4-4) Yr. Mr. Faber
Study of German grammar, including pronunciation, conversation, composition, and reading of simple literary German. An additional one-hour period for laboratory work is required weekly.

2-A, 2-B. Intermediate German: Reading (3, 4, U.C.) (4-4) Mr. Faber
Prerequisite: German 1-A, 1-B.
Further study of correct grammatical and idiomatic usage of German; reading of fairly difficult German literature.

50-A, 50-B. Conversational German (2-2) Yr.
A non-grammatical approach to reading and speaking German with emphasis on conversation. A beginning course.

HEALTH EDUCATION

1. Health Education (2) I, II Mr. Gilkeson, Mr. Steponovich, Mr. De Francisco, Mr. Roby, Mr. Matulich
An elementary study of the human body, its activity, and its environment in relation to health. Fulfills the requirement in hygiene for the degree of Associate in Arts.

HISTORY

Preparation for the Major: Required: History 4, History 6, and Economics 1.
The following courses, or combinations of courses, will meet the state requirement of American History and Institutions: History 6A, 6B; History 3A, 3B; History 53A, 53B; Political Science 1A and History 3B or 53B; History 6A and History 3B or 53B.

3-A, 3-B. American History and Political Institutions (2-2) Yr. Mr. Mackenzie, Mr. Stalder, Mr. Horton, Mr. Knopf, Mrs. Neel

History 3-A. American Political Institutions
A general survey of the principles and practices of American government, with emphasis on the federal Constitution and the government of California and its principal subdivisions.

History 3-B. American History
A general survey of American economic, social, and cultural history. Either half may be taken independently.
4-A, 4-B. History of European Civilization (4-A, 4-B, U.C.) (3-3) Yr.
Mr. Horton
The course covers a rapid survey of ancient and medieval civilization of the European area followed by a more intensive study of the political and cultural institutions of modern European society and their extension throughout the world. Attention is given to Oriental societies as they come in contact with western civilization.
4-A. Early beginnings to 1650. 4-B. 1650 to present day.
This course is required for degrees at certain institutions, e.g., U.C.R., Stanford, and U.S.C. It is recommended for majors in law, medicine, theology, and philosophy.

6-A, 6-B. Political and Social History of the United States
(17-A, 17-B, U.C.) (3-3) Yr.
Mr. Stalder
A detailed study of the political, social, and economic developments of the United States and their influence on American institutions and thought.
6-A. The period 1300-1789 and a study of the principles of state and local government. 6-B. The period 1789 to the present.
This course fulfills the state requirements in the study of the principles of national, state, and local government.

53-A, 53-B. History of the United States (2-2) Yr.
Mr. Mackenzie
The course meets the state requirements of American History and Institutions for the Associate in Arts title. A more elementary course than History 3-A, 3-B.

HOME ECONOMICS

1-A. Food Study and Preparation (3) I
Mrs. Peterson
The study of the fundamental principles of nutrition and the preparation of basic foods. One lecture and three 2-hour laboratories weekly.
Pre-nursing students must enroll in Home Economics 1A concurrently.

1-B. Food Study, Preparation and Table Service (3) II
Mrs. Peterson
Prerequisite: Home Economics 1A or consent of instructor.
The study of nutrition and the planning, purchasing, preparing and serving of meals including various types of entertaining. Includes a brief study of silver, china, crystal, and linens. One lecture and three 2-hour laboratories weekly.
Home Economics 1-A, 1-B open to both men and women.

4. Nutrition for Nurses (2) I
Mrs. Peterson
Deals with the principles of food preparation, normal nutrition and their application to people of all ages and conditions; the importance of nutrition and its changing concepts; specific food nutrients and how to make nutrition information function; improvement that can be made in general health and efficiency by use of present day knowledge. Two lectures and three 2-hour laboratory periods weekly.

5-A, 5-B. Clothing Construction (3-3) Yr.
Mrs. Peterson
Study of clothing problems in relation to students' interest and needs. Includes clothing selection, clothing care, construction techniques, fitting, and clothing accessories. One lecture and three 2-hour laboratory periods weekly.

HUMANITIES

Humanities Colloquium (Honors) (I, II) 3 units
In this course a dozen or more books (or parts of books) influential in the development of Western civilization are to be read and discussed each semester. Students will meet one evening each week with several instructors to discuss the ideas and significance of the books they have read. Open to sophomores who have qualified as temporary members of the honor society, and who have been recommended by three faculty members.
LAW ENFORCEMENT

1. Crime and Criminal Justice (3) I
Mr. Barnett
An overview of the administration of criminal justice in the United States. The definition of crime and the impact of criminality upon society. The development and function of law enforcement in the United States. The relationships between various agencies involved in the administration of justice. The responsibility of society in law enforcement.

2. Criminal Law (3) I
Mr. Badger
The sources of criminal law. Discussion of the "elements" of crime and their importance of prosecution. Examination of the more common penal statutes of the United States and of California. The place of county and municipal ordinances in law enforcement.

3. Arrest, Search and Seizure (3) II
Mr. Barnett
The laws governing the cases and manner in which arrests may be or must be made. Warrants of arrest and search warrants. Discussion of the rights of defendants and duties and responsibilities of arresting persons. The practical mechanics of taking a person into custody with emphasis on the safety of the officer and others.

4. Criminal Evidence (2) II
Mr. May

5. Patrol Practices and Techniques (3) I
The purposes of beat patrol. The identification of police hazards and effective techniques to cope with them. Observation of persons, places, and incidents. The operation of emergency vehicles. Field note taking. The preparation of adequate reports. (The "modus operandi" report and its importance), vice control, and public relations. The processing of routine complaints such as prowler and noise reports, domestic difficulties, and civil problems as landlord-tenant troubles, mental illness, missing persons, etc.

6. Criminal Investigation (3) I
Discussion of the problems involved in the investigation of specific offenses with emphasis upon the felonies. Sources of information. Cooperation with related agencies. Review of evidence as applicable to the specific crime.

7. Traffic Control and Accident Investigation (2) II
Basic accident investigation. The use of the State Accident Report Form. The principles of "selective" enforcement. Parking and intersection control. The basic provisions of the California Vehicle Code governing the operation of motor vehicles upon the highways. The responsibilities of the community in traffic control.

8. Delinquency Control and Prevention (3) II
The place of the juvenile in the community. Legislation prescribing the special treatment of juveniles. Related agencies interested in children. A study of crimes committed upon or by minors. Investigation of such crimes and the relationship of the officer to the juvenile and the parents.

9. Problems of Physical Evidence (2) I
The collection, identification, preservation, transportation of physical evidence found at crime scenes. The use of photography, molds, casts, moulage masks to preserve evidence. Sketching and photography to locate evidence as found. Fingerprint examinations and preservation of prints. Footprints, tool mark impressions. Identification of handwriting and typewriting. Firearm identification. Importance of hair, fibers, dust, blood as evidence. Importance of laboratory examination and discussion of available facilities.

MATHEMATICS

Preparation for the Major: Two years of high school algebra, plane and solid geometry, and trigonometry; Mathematics 3, 4. Recommended: physics and a reading knowledge of French and German.

A. Elementary Algebra (3) I, II
Mr. Denham
The equivalent of high school algebra, designed for those students who do not receive credit for algebra in high school.

B. Plane Geometry (3) I, II
Mr. Horstman
The high school course in Plane Geometry designed for students who did not receive credit for it in high school, yet who must complete the work for lower division requirements.

C. Trigonometry (C, U.C.L.A.) (3) I, II
Miss Cooper, Mr. Horstman
Prerequisite: Plane geometry; one and one-half years of high school algebra, or course D.

D. Intermediate Algebra (D, U.C.L.A.) (3) I, II
Mr. Horstman, Miss Cooper, Mr. Long
Prerequisite: One year of high school algebra or Mathematics A with a C grade or better. Intermediate algebra through simultaneous quadratic equations. Students who need extra drill will be required to attend class five times a week. Mathematics A, B, C, D, may be repeated to make up a grade deficiency in high school, but no credit will be given toward graduation from college for such courses if a student received credit for them toward his high school graduation.

1. College Algebra (1 U.C.L.A.) (3) I, II
Mr. Duncan
Prerequisite: Mathematics A, B, C, D, or high school equivalent. Mathematics C may be taken concurrently. An integrated treatment of algebra and trigonometry on the college level, with major emphasis on the analytical aspects of these subjects, designed to lay a suitable foundation for the study of more advanced mathematics.
3-A, 3-B. Analytic Geometry and Calculus (3-A, 3-B, U.C.) Mr. Larson
Prerequisite: Math A, B, C, D, and Math 1 or consent of instructor.
High school grades must be B or better and college grades C or better.
Mathematics I may be substituted for 4th year high school mathematics.
Open to all students; required of those taking Physics 1. Plane analytic
gometry and calculus, including conic sections, general equations of the
second degree, elements of calculus with applications to geometry and
mechanics.

4-A, 4-B. Solid Analytic Geometry and Calculus (4-A, 4-B, U.C.) (3) Yr.
Prerequisite: Mathematics 3.
Continues the development and application of calculus; includes quadratic
surfaces, partial derivatives, multiple integrals, and infinite series.

7. Slide Rule (1) I, II Mr. Horstman, Mr. Long
Theory of the slide rule, use of slide rule for problems of multiplication,
division, squares, cubes, square root, and proportion. This course is designed
to meet the needs of students of vocational shop courses.

32. Mathematics of Finance (2, U.C.) (3) II Mr. Duncan
Prerequisite: Mathematics E or D.
Simple and compound interest, discount, annuities, payment of debts by
various methods, depreciation and capitalized cost, and related topics.
Designed for students interested in commerce or business administration.

50. Technical Mathematics (3) I Mr. Duncan, Mr. Long
A course in general mathematics for students who plan to enter the technical
field. It includes algebra, applied plane geometry, and solution of right
triangles and vectors from trigonometry.

52. (1) 3 units
Same as Electronics 52. See page 77.

MUSIC

1. Basic Musicianship (3) II Mr. Vail
Designed for elementary teacher candidates. Provides basic musical skills
necessary for work in elementary school music. Emphasis is given to the
reading of elementary music materials. Notation, keys, terminology, ele-
mental keyboard facility, and other rudiments.

2-A, 2-B. Elementary Music Reading and Dictation (3-3) Yr.
Mr. Stone, Mr. Vail
Basic course for majors and minors in music. Fundamentals of reading and
notating music. Sight-reading of melodies and part songs. Rhythmic, melodic,
and harmonic dictation.

4-A, 4-B. Elementary Harmony (3-3) Yr.
Mr. Stone
Prerequisite: To be taken with 2-A, 2-B concurrently.
Intervals, tonality, chords, inversion, progression, cadence, modulation, non-
harmonic tones, analysis. Harmonization of melodies and basses in four
voices and for keyboard.

5. Advanced Harmony (3) I Mr. Stone
Prerequisite: Music 4-A, 4-B.
Chromatic alterations of harmonies and scale-tones. Modulation by various
composition in smaller forms.

6. Analysis and Form (2) I Mr. Stone
Prerequisite: Music 4-A, 4-B.
Tonality, nonharmonic tones, modulation. Units of musical form and cad-
ences. Analysis of regular and irregular form in music literature.

Musical Culture

20-A, 20-B. History and Appreciation of Music (3-3) Yr. Dr. Sayre
Music 20-A or consent of instructor is prerequisite to 20-B.
Designed primarily for the general college student. Music in the general
culture, appreciation and enjoyment of musical masterworks. Assigned readings and term papers. Reviews of concerts.

21-A, 21-B. Survey of Music History and Literature (3-3) Yr. Dr. Sayre
Designed for music majors and minors. Historical, analytical and aesthetic
approach to the music of great composers. Assigned readings and term papers. Reviews of concerts.

Music 48. Survey of Jazz (2) I, II Mr. Vail
The development of jazz from its origins to the present day. Ragtime, dixie-
land, blues, swing, boogie-woogie, be-bop, cool, progressive, and current
trends in jazz will be examined. Popular songs, influential instrumentalists,
singers, and the effect of jazz upon symphonic composers will be discussed.
Lectures and recordings. Open to all students.

Musical Performance

Music majors are required to participate in a performance organization each
semester (choir, concert band, dance band, opera workshop, vocal or
instrumental ensemble.)

Because of lack of uniformity in amounts of credit granted in colleges for
performance courses, the student is advised to investigate accreditation in
the college to which he or she may wish to transfer.

30-A, 30-B. Elementary Class Voice (2-2) Yr. Dr. Sayre
Group work in voice production, diction and interpretation. Opportunity
provided for individual attention and performance.

31-A, 31-B. Advanced Class Voice (2-2) Yr. Dr. Sayre
Prerequisite: Music 30-A, 30-B or its equivalent.
Continuation of Music 30-A, 30-B, with emphasis on solo performances and
the building of repertoire. Recital performance required. Either half may be
taken independently.

32-A, B, C, D. Elementary Class Piano (1-1-1-1) Yr. Mr. Stone
Development of keyboard facility and sight-reading. Repertory of simple
piano material. Either half may be taken independently.
33-A, B, C, D. Secondary Class Piano (2-2) Yr. 
Mr. Stone
Prerequisite: Consent of instructor.
Fundamentals of serious piano technique. Scales, dexterity, sightreading, ensemble, memory. Either half may be taken independently.

35-A, 35-B. Elementary Class Organ (2-2) Yr. 
Mr. Stone
Prerequisite: Ability in piano; consent of instructor.
Fundamentals of organ technique, pedalling, registration, hymn playing. Either half may be taken independently.

36-A, B, C, D. Secondary Class Organ (2-2) Yr. 
Mr. Stone
Prerequisite: Consent of instructor.
Simple compositions of Bach and others, fundamentals of church organ playing. Repertory, technique, registration, improvisation. Either half may be taken independently.

38-A, 38-B. Class Stringed Instruments 
Mr. Vail
Elementary instruction in the techniques and principles of playing stringed instruments. Limited number of school instruments available for use in this class. Recommended for students planning to teach instrumental music in the public schools and for students studying to be professional or semi-professional musicians, as it offers the opportunity to learn instrumental "doubles."

40-A, B, C, D. Choir (1 or 2) Yr. 
Dr. Sayre
Study and performance of sacred and unaccompanied and unaccompanied choral music. Two rehearsals per unit of credit. Either half may be taken independently.

41-A, B, C, D. Vocal Ensemble (1-1) Yr. 
Dr. Sayre
Performance of music particularly adapted to small vocal ensembles. Two rehearsals weekly. Admission with consent of instructor.

42-A, B, C, D. Band (2-2) Yr. 
Mr. Vail
Study and performance of standard band literature. Appearances at college functions are made throughout the year.

43-A, B, C, D. Dance Band (1-1) Yr. 
Mr. Vail
Practical dance band experience. Admission with consent of director. Two hours rehearsal weekly.

44-A, B, C, D. Instrumental Ensemble (1-1) Yr. 
Mr. Vail
Performance of chamber music by small instrumental ensembles. Admission with consent of director. Two hours rehearsal weekly. Either half may be taken independently.

47-A, B, C, D. Opera Workshop 
Dr. Sayre
Technique of singing and acting in opera, leading to a full-scale operatic production. For advanced students. Enrollment by audition only.

64 COURSES OF INSTRUCTION

NURSING
The course in professional nursing for prospective registered nurses is being reestablished in the Fall of 1957.
In addition, the College offers a 12 months program designed to prepare students as licensed vocational nurses.
See page 77 for descriptions of these programs.

PHILOSOPHY
6-A, 6-B. Introductory Philosophy (6-A, 6-B, U.C.) (3-3) Yr. Mr. Gladden
In this course philosophy is presented as an attempt to think reflectively and critically upon the problems of everyday experience. Emphasis is placed upon philosophical questions which arise in discussions concerning education, the arts, religion, and the social and natural sciences. Lectures, discussions, collateral reading, and reports on special topics.

PHOTOGRAPHY
63-A, B, C, D. Photography (1-1) Yr.
Techniques of photography with emphasis on learning to operate the camera; practice in picture taking, developing, and printing. Course is intended to be of assistance to those wishing to make use of photography either professionally or as a hobby. Some experience recommended but not required. Students will supply their own film and printing paper; school cameras and darkroom available for practice.

PHYSICAL EDUCATION
Physical education is required of all men and women under 25 years of age. Choice of activity is permitted. In addition to the 2-hour section of physical education for which a student registers he is required to choose one other different physical education activity which meets at another hour during the week. For example, if a student selects tennis as his two-hour physical education assignment, then he must also register for a third hour in a different activity.

A student who has reason to believe that he will be excused from physical education because of physical disability must register and report to a physical education class until he has had a conference with the head of the department and the College physician.

Preparation for the Major, University of California, Berkeley: Required: Chemistry; Biology 1; Physiology 2; Psychology 1; Physical Education (3 semester units); and training in the various athletic activities. Recommended: English 12; Health Education 1; Bacteriology 1.

Preparation for the Major, University of California, Los Angeles: Required: Chemistry 2; Physiology 2; Biology 1; Health Ed. 1; Physical Education (2 semester units) and training in the various athletic activities.
The physical education course for men comprises activities for groups and individuals. Group activities include bowling, handball, football, playground ball, basketball, and volleyball. Individual activities include golf, swimming, badminton, tennis, social dancing, square dancing, modern dancing, fencing, boxing, wrestling, and gymnastics.

A broad intramural program gives the student who is unable to make the varsity team a chance to participate in his favorite game. The activities in which he may engage are touch football, softball, basketball, tennis, bowling, handball, and track and field. The intramural program is open to any man who has not earned a varsity letter in that particular sport and who is a regularly enrolled student.

After registering in the physical education class assigned by the counsellor, men students may substitute practice and participation in the major sport after they have been accepted by the coach and excused by their physical education instructor. However, they must report back to a physical education class within one week after the close of the season. Athletic candidates failing to register at the beginning of a semester, or to return at the close of an athletic season, will not be given a grade for the semester's work.

**UNIFORMS**

A regular uniform has been adopted to be worn by participants in physical education activities. Students are requested to supply themselves with the equipment described below before the opening of school.

Uniforms for men at Riverside College: White gymnasium shirt, orange shorts, and rubber soled athletic shoes.

**LOCKERS**

A lock, locker and towels, for which he will be responsible, will be issued to each student.

**General Course Requirements**

1-A, 1-B. Freshman Physical Education for Men

Mr. Anderson, Mr. De Francisco, Mr. Gilkeson, Mr. Matulich, Mr. Steponovich

Meet the California requirement for physical education, and includes the two hour section of physical education for which a student registers plus the additional different single hour activity.

Physical education for freshmen is divided into eight sessions of approximately four weeks in length. During these weeks students receive instruction in the rules and techniques of eight different activities. Opportunity is provided for participation in order that students may improve their ability and receive an added degree of enjoyment and pleasure.

This program assumes that each student will gain not only a knowledge of the activities, but will at the same time afford him the opportunity to improve physically, and add to his general good health. The carry-over value, sportsmanship, and general sports ethics are explained and emphasized.

The activities offered to each freshman are: tennis, handball, gymnastics, touch football, basketball, boxing, and wrestling.

2-A, 2-B. Physical Education for Sophomore Men

Meet the California requirement for physical education, and includes the two hour section of physical education for which a student registers plus the different single hour activity.

Sophomores have the opportunity to register for physical education classes which include individual and team sports, or to enroll in handball, golf, tennis, swimming, self defense activities, or gymnastics.

Any activity may not be taken for more than one semester.

Sophomores are required to follow the same regulations as freshmen if they participate in an inter-collegiate sport. See page 100.

**Professional Courses**

27. Games for the Elementary School (1) I (Men and Women) Mrs. Huntley

Offers participation in physical education activities which are designed for the elementary school child; develops an understanding of principles of movement in fundamental skills and their application. Three meetings weekly.

28. Rhythmic Activities for the Elementary School (1) II (Men and Women) Mrs. Huntley

Offers participation in creative and free rhythms, fundamentals of rhythmic activities designed for the elementary school child. Three meetings weekly.

30. First Aid (2) I (Men and Women) Mr. Steponovich

The standard Red Cross course. Designed to teach the individual how to prevent accidents; to furnish him with sufficient knowledge to determine the nature and extent of an injury; and to train him as a first aider and to do the right thing at the right time. Students completing the course will have an opportunity to pass the tests for the Red Cross First Aid certificate.

32. Introduction to Physical Education (1) I (Men and Women) Mr. Gilkeson

An orientation course on the nature of physical education and the qualifications demanded of successful workers in this field. Opportunities for placement and methods of securing positions, as well as degree and credential requirements. Students wishing to pursue professional training in physical education will be assisted in formulating a program of study. Students planning to enter the field of physical education should take this course in their freshman year.
44. **Principles of Healthful Living** (3) (Men and Women) Mr. Matulich
Provides the prospective elementary teacher with the fundamentals of healthful living by presenting scientific health information, promoting desirable attitudes and practices. Three lectures weekly.

**Physical Education for Women**

**Physical Education 1-A, 1-B (1-1) Yr.** Mrs. Huntley, Mrs. Howell

**Physical Education 2-A, 2-B (1-1) Yr.** Mrs. Huntley, Mrs. Howell

The following courses are offered women in the Physical Education Department. Any individual sport may not be taken for more than two semesters:

- Archery
- Badminton
- Bowling
- Modern Dance
- Tennis
- Golf
- Swimming
- W.A.A.

Though women may not participate in the same two hour sport for more than two semesters, they may, if they wish, elect a different sport each semester.

In addition to the two hour section of physical education for which a student registers, she is required to choose one different single hour activity. The single hour offerings may be chosen from the following: Archery, badminton, bowling, fencing, golf, posture, recreational games, social dance, square dance, tennis and Tigerettes. One unit of credit in physical education is given for the three hour program.

In addition to the individual sports offered in physical education, a more intensive training is given in team sports preparatory to interclass games, sports days and events sponsored by the Women's Athletic Association. Three hours weekly.

**Tigerettes**

Drill and dance group organized to perform at athletic events and parades. Try-outs open to all women on campus, with enrollment limited to forty-eight. Class meets one evening a week. Single hour credit given in physical education. May be taken as third hour elective.

**UNIFORMS**

Uniforms for women at Riverside College: White cotton shorts, blouse, anklets and all white tennis shoes. Black leotards are required for Modern Dance.

**LOCKERS**

A lock, locker and towels, for which she will be responsible, will be issued to each student.

**PHYSICS**


**2-A, 2-B. General (2-A, 2-B, U.C.L.A.) (4-4) Yr.** Mr. Duncan

Prerequisite: Mathematics A, B, C, D, or high school equivalent. Mathematics C may be taken concurrently.

Properties of matter, mechanics, heat, wave motion, and sound are covered in the first semester. Light, electricity and magnetism are covered in the second semester. Meets the requirements for pre-medical or pre-dental students. Three one-hour lectures and one three-hour laboratory period weekly.

**4-A. General (4-A, U.C.) (4) II** Mr. Denham

Prerequisites: Math 3-A plus high school physics or chemistry. Both high school physics and chemistry are recommended.

Mechanics and sound. Primarily for students who expect to major in physics, and for students in engineering, physics, chemistry, and architecture. Three lectures and one laboratory period weekly.

**4-B, 4-C. General (4-B, 4-C, U.C.) (4-4) Yr.** Mr. Denham

Prerequisite: Physics 4-A.

Electricity and magnetism are covered during the first semester. Heat, light, and modern physics are studied in the second semester. Primarily for students who expect to major in physics, and for students in engineering, physics, chemistry, and architecture. Continuation of physics 4-A. Three lectures and one laboratory period weekly.

**10-A, 10-B. (U.C. Berkeley Physics 10) (3) I, II**

A presentation of some of the important phenomena in Physics with experimental demonstrations. No laboratory and requires a minimum of mathematics. Prerequisites: Elementary Algebra and Geometry.

**50. (3) II** Mr. Duncan

Designed for the student who is majoring in technical courses and who desires an overview of the principles and methods of physics. Properties of matter, mechanics, heat, sound, wave motion, light, electricity and magnetism will be discussed and practical application will be stressed. Not open to students having credit for high school or college physics.

**PHYSIOLOGY**

Preparation for the Major: Required: Physiology 1; Physics 2; Chemistry 1, 8. Recommended: Zoology 1; Chemistry 5; a reading knowledge of French and German.

Physiology 1 or 2 is accepted in satisfaction of the requirement in hygiene for the degree of Associate in Arts.

**1-A, 1-B. General (1-A, 1-C, U.C.) (3-3) Yr.** Mr. Roby

Prerequisite: High school chemistry. Recommended: A high school biological science course, or chemistry 2, concurrently.

A study of the physiological processes in man. The relating of such functions to the muscular, circulatory, respiratory, digestive, nervous, excretory, reproductive and endocrine systems of the body. Two lectures and one laboratory period weekly.

**2-A, 2-B. Physiology and Anatomy (4-4) Yr.** Mr. Roby

Same as Physiology 1, but with an additional laboratory period each week devoted to anatomy. Designed especially for majors in nursing, physical education, or dietetics. Two lectures and two laboratory periods weekly.
POLITICAL SCIENCE

1-A, 1-B. Political Science (1 and 2, U.C.) (3-3) Mr. Mackenzie
The first half of the course deals with the principles and problems of government, with emphasis on national government in the United States; the second half is a comparative study of the governments of Great Britain, France, Germany, Russia and Japan.
Either half may be taken independently.
Political Science 1-A may be taken in place of History 3-A.

PSYCHOLOGY

Preparation for the Major: Required: Psychology 1, and either Physiology 1 or Zoology 1. Recommended: French, German, Chemistry, Physics.

1-A, 1-B. General Psychology (1-A, 1-B, U.C.) (3-3) Mr. Johnson, Mr. Gladden
The scientific study of human behavior and mental processes. Topics covered include a survey of the elements of intelligence and personality such as motivation, perception, learning, thought and emotion; and the relations of the psychological processes to the nervous, muscular, and glandular aspects of the organism, including the structure and functions of the sense organs.

2-A, 2-B. Psychology (3-3) Yr. Mr. Cooper, Mr. Gladden
This course is designed to provide the general student with a non-technical introduction to selected problems in the field of applied psychology. Topics covered include personality, mental health, marriage and family, school, vocation, and large scale social problems as those involving human adjustment. Lectures, discussion, reports on special topics, and collateral readings.

6-A, 6-B. Psychology (23, U.C.L.A.) (2-2) Yr. Mr. Gladden
A practical introduction to the general theory of personality structure and development. Special emphasis is given to the use of psychological tests as a means of improving self-evaluation and personality growth.

49. Psychology (1) I, II Mr. Black, Mr. Bradshaw, Mr. Bucknell, Mr. Duncan, Mr. Haslam, Mr. Roby, Mr. Vail, Mrs. Wallace, Mr. Metcalf, Mr. Matulich, Mrs. Neel
A study of problems involved in adjustment to college; vocational selection, study techniques, personal and social development. All students are required to register in this course in their first semester at Riverside College.

60-A, 60-B. Leadership (1-1) Yr. Mr. Bradshaw
A study of principles of democratic group action and techniques of group activity. The course includes parliamentary procedure, student government, committee procedure, group dynamics. Opportunity is afforded for frequent practice sessions.

SOCIOLOGY

1-A, 1-B. Introduction to Sociology (1-A, 1-B, U.C.L.A.) (3-3) Yr. Mr. Stalder
Deals with group behavior, the relationship among men, and the factors entering into and ensuing from these relationships. Through field trips the community and surrounding facilities are used as a laboratory. Outside speakers are used also. The study assists the individual to understand himself, his resources and limitations, his potentialities and his role in society.

2. Marriage and Family Relations (3) I, II Mr. Haslam, Mrs. Wallace
No Prerequisite.
This course offers a brief history of the family and seeks to develop a wholesome approach to marriage and family relations. Discussion develops the principles of courtship, engagement, marriage, and the first few years of married life. Problems relating to the economic and social status of the family will be discussed.

3. Marriage and Family Relations (3) I, II Mr. Haslam
Prerequisite: Sociology 2.
This course deals more specifically with problems relating to the individual adjustments in marriage in the areas of economics, religion, health, social living, and sex.

SPANISH

Preparation for the Major: Required: Spanish 1, 2, 10 (each course with not less than a C average); a minimum of two years of high school Latin, or Latin 1. Recommended: Spanish 11, French, Italian, and additional Latin.
Prognostic tests are given to all students registering for a foreign language.

1-A, 1-B. Elementary Spanish (1 and 2, U.C.) (4-4) Yr. Mr. Faber, Miss Kincell
The essentials of Spanish grammar with careful drill on pronunciation, reading, and writing, dictating and memorizing; translation of short stories and plays, with conversation based on Spanish texts. Collateral reading, with discussion in Spanish by the class. Open to students who have had no Spanish, or only one year of high school Spanish. An additional one-hour period for laboratory work is required weekly.

2-A, 2-B. Intermediate Spanish (3 and 4, U.C.) (4-4) Yr. Miss Kincell
Prerequisite: Spanish I, or two or three years of high school Spanish with grade of at least B.
Reading of Spanish novels, plays, short stories, periodicals with oral and written exercises based upon class work. Reports on collateral reading. Further study of Spanish grammar and syntax. Course is conducted largely in Spanish.

10-A, 10-B. Advanced Spanish (25-A, 25-B, U.C.) (3-3) Yr. Miss Kincell
Prerequisite: Spanish 2, or four years of high school Spanish.
The modern and contemporary Spanish novel and drama. The first semester is devoted to a study of the novel; the second semester to the drama. Selections...
tions from the works of important novelists and dramatists are read and discussed in class and as collateral work, with reports in Spanish. History of the Spanish novel and drama. Advanced theme writing upon selections read.

**11-A, 11-B. Advanced Spanish Composition and Conversation (2-2) Yr. Miss Kincell**

Prerequisite: Spanish 2, four years of high school Spanish, or approval of instructor.

A review of grammar, composition, and conversational practices. Individual projects. This course is designed to meet the requirements of two classes of students: (1) those desiring further preparation for courses in the university; (2) those desiring greater facility in the practical use of the language. Spanish majors are advised to take this course concurrently with Spanish 10.

**12-A, 12-B. Advanced Spanish (1-1) or (2-2) Yr. Miss Kincell**

Prerequisite: Spanish 10 or permission of instructor.

Directed reading in Spanish literature. Oral and written reports submitted at weekly conferences.

**14-A, 14-B. Advanced Spanish (1-1) or (2-2) Yr. Miss Kincell**

Prerequisite: Spanish 10 or permission of instructor.


**50-A, 50-B. Conversational Spanish (2-2) Yr.**

A non-grammatical approach to reading and speaking Spanish with emphasis on conversation. A beginning course.

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**SPEECH-DRAMA**

**1-A, 1-B. Public Speaking (Speech 1-A, 1-B, U.C.) (3-3) Yr. Mr. Black, Mr. Hess, Mr. MacCuish**

Prerequisite: English 1-A, or 50-A. Speech 1-A is a prerequisite to Speech 1-B.

The study of the general principles of voice and diction; the acquiring of correct posture, gesture and platform manner; and the development of the particular speech skill of each student. Throughout the year attention is given to the preparation of speeches for delivery in class and in public. The course is a second-year subject, but is also open to qualified first-year students who are specializing in public speaking.

**2. Introduction to Drama (2) II Mr. Hess, Mr. MacCuish**

Offered alternate years. Offered 1957-58.

Lectures and discussions presenting the basic philosophy underlying the various areas of drama. Required of all drama majors or minors.

**7-A, 7-B. Oral Interpretation (3-3) Yr. Mr. Hess**

Offered alternate years. Offered 1957-58.

Performance training in the oral reading of prose, poetry, and drama. Practice in speaking and reading with training in principles for effective delivery.

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**10-A, 10-B. Principles and Theory of Acting (10-A, 10-B, U.C.L.A.) (2-2) Yr. Mr. Hess, Mr. MacCuish**

Offered alternate years. Not offered 1957-58.

This course includes exercises in pantomime, characterization, interpretation, movement, and voice for the stage.

**13. Radio Speech (2) II Mr. Hess, Mr. MacCuish**

Offered alternate years. Not offered 1957-58.

Fundamentals of studio broadcasting including voice training and placement, proper breathing, diction, pronunciation, interpretation of materials, and microphone work.

**59-A, B, C, D. Stagecraft (2-2) Yr. Mr. Hess, Mr. MacCuish**

Theory of stage design, set construction, and stage lighting. Practical work in connection with college dramatic productions.

**60-A, B, C, D. Play Production (1) I, II Mr. Hess, Mr. MacCuish**

Practical experience in stage productions, acting, make-up, costumes, and lighting. One unit credit for 36 hours class work.

**62-A, B, C, D, E, F, G. Tutorial Courses in Drama (1) I, II Mr. Hess, Mr. MacCuish, Mrs. Howell**

A. Playwriting
B. Direction
C. Make-up
D. Little Theater Management

These courses may be selected by a student planning individual study on a tutorial basis. One unit for 18 hours of class work.
ZOOLOGY


1-A. General Zoology (4) I Mr. Johnson
An introduction to the principles of Biology with special reference to the structure, classification and evolution of invertebrates. Two lectures and two laboratory periods weekly.

1-B. General Zoology (4) II Mr. Johnson
An introduction to vertebrate zoology. The structure and function of vertebrates with special emphasis upon the early development stages. Two lectures and two laboratory periods weekly.

*12. Entomology (4) II
Prerequisite: Biology 1 or Zoology 1, or equivalent. Open to students with the approval of the instructor.
Anatomy, physiology, and life history studies of insects, with special reference to insects of economic importance. Lectures, conferences, laboratory, and field work.

VOCATIONAL COURSES

Students wishing to enroll in vocational courses should confer with the Registrar. Units received for work completed in shop courses will be counted in partial satisfaction of the requirements for the Associate in Arts title, but the evaluation of such units for transfer will be left to the institution to which transfer is made.

AUTO MECHANICS

1-A, 1-B. Auto Mechanics (7) Yr. Mr. Morris
Prerequisites: Satisfactory score on mechanical aptitude test and consent of instructor.
A vocational class for students who plan to enter the field of automotive maintenance and allied vocations. Students are required to become familiar with all units of the automotive chassis and their repair.
Practical experience is supplemented by a study of the principles involved through lectures, the use of pictures, slide films, demonstrations and occasional field trips. Three lectures and five laboratory periods weekly.

2-A, 2-B. Auto Mechanics (4) Yr. Mr. Morris
Prerequisite: Auto Mechanics 1-A-B, or special permission of instructor.
This course is a continuation of Auto Mechanics 1-A-B. Students will be encouraged to concentrate their efforts on a particular phase of maintenance such as engine overhaul, tune-up, automatic transmissions, etc. Two lectures and three laboratory periods weekly.

COSMETOLOGY

Mrs. Hager, Mrs. Hanenberger, Mrs. Neal
The course in cosmetology trains students for positions as licensed operators in beauty shops. Those students who complete the course are eligible to take the state board examination in cosmetology. The regular course extends over a period of 1600 hours as required by the State Board of Cosmetology and includes such branches of the profession as permanent waving, hair styling and cutting, pedicuring, creative hair styling, hair tinting, facial work and manicuring. Consideration is also given to such related subjects as personal hygiene, public health, physiology, bacteriology, psychology, shop ethics and salesmanship.
ELECTRONICS

1-A, 1-B. Electronics (8) Yr. Mr. Titus
Elementary electrical theory, both DC and AC, including Ohm's law, series and parallel circuits, inductive, capacitative reactance and resonant circuits. Properties and functions of vacuum tubes. T.R.F. and superheterodyne receivers, theory, and servicing techniques. Test equipment, including multimeters, tube checkers, signal generators, oscilloscopes. Generation of radio frequency power. Five lectures and ten laboratory periods weekly.

Electronics 2A. (I) 6 units
Black and White Television.
Prerequisites: Electronics 1AB, Math 52.
Principles and Servicing techniques for black and white television. Three lectures, three laboratory periods per week.

Electronics 3. (I) 4 units
Frequency Modulation.
Prerequisites: Electronics 1AB, Math 52.
Principles of frequency modulation. Servicing and alignment procedures for broadcast FM receivers, two-way FM transmitting and receiving equipment, fixed and mobile. Two lectures, two laboratory periods per week. May be taken concurrently with Electronics 2A.

Electronics 2-B. (II) 6 units
Color Television.
Prerequisites: Electronics 2A, 3.
Principles, servicing techniques, and alignment procedures for color television. Three lectures, three laboratory periods per week.

Electronics 4. (II) 4 units
Industrial Electronics.
Prerequisites: Electronics 1AB, Math 52.
Industrial control systems, electronic calculators, special circuits. Two lectures, two laboratory periods per week.

Electronics 52. (I) 3 units
Electronics Math.
Recommended for all Electronics majors. This is not a substitute for Math 50, but may be taken concurrently. Practical applications of Ohm's Law, resonance and impedance formulae, vectors, vacuum tube constants and other related math will constitute content of course.

Electronics 7. (II) 3 units
Communications.
Prerequisite: Electronics 1A.
Will cover material necessary for obtaining Second Class Commercial radiotelephone license. No laboratory.

ENGINEERING

51. Blueprint Reading (I) I, II
A beginning course in the study of blueprints and their interpretation. Types of projection, symbols and abbreviations.

MACHINE SHOP

1-A, 1-B. Beginning Machine Shop (I) I, II Mr. Hicks
Instruction in the basic operations of the lathe, shaper, surface grinder and milling machine. Along with the machine operation students will perform bench work, tool grinding and elementary heat treating.

2-A, 2-B. Advanced Machine Shop (I) I, II Mr. Hicks
During the second year the student will perfect the operation of the above machines and do additional work on the horizontal and vertical milling machine.

PROFESSIONAL NURSING

The program in professional nursing enables a student to complete all of the requirements set up by the California State Board of Nurse Examiners and qualifies the graduate to write the examination to become a Registered Nurse. At the same time she will qualify for the Associate in Arts degree from Riverside College.

This course is college centered, thereby enabling the student to be an integral part of the student body.

The college has affiliation with Riverside Community Hospital, Riverside County General Hospital, and Brentwood Veterans' Hospital.

Requirements
1. Applicant must be between 18 and 35 years of age.
2. Recommendations as to character and general ability must be submitted.
3. Applicant must be a graduate of an accredited high school.
4. A medical examination is required.
Expenses
1. The student furnishes her own uniforms, and the cost is $50.00.
2. The cost of books, supplies, and student body dues will approximate $50.00 a year.

VOCATIONAL NURSING

The Vocational Nursing Program is a 12 months course designed for qualified women to prepare themselves to become licensed vocational nurses. The first semester is spent on the college campus studying courses in Personal and Vocational Relationships, Related Sciences, Nursing Care, Nursing Communications, Nutrition, and Home Management. During this period basic nursing principles and skills are learned. Of the remaining seven months, six are spent at the Riverside Community Hospital and one at the Riverside County General Hospital in supervised nursing practice. Here the student continues to develop her nursing skills and through classroom conferences to gain further knowledge necessary to the Vocational Nurse in the care of the sick.

Students who graduate from this program of Vocational Nursing are eligible to write the State Board examination. Successful completion of this examination leads to licensure.

Nursing Care (9-6) Miss McFadden
A study of the nursing principles and skills necessary for a Vocational Nurse and their application in actual nursing situation. The course includes nursing procedures, Home Nursing, care of well and sick children, care of mothers and infants, care of the aging, care of diseases, and diversional and rehabilitative activities. Four lectures and three laboratory periods weekly during the first semester, and six lectures and approximately 52 hours in nursing experience weekly in the Riverside Community Hospital and Riverside County General Hospital facilities during the remaining seven months of the course.

Personal and Vocational Relationships (2) Miss McFadden
A course stressing vocational adjustment problems and their solutions, psychology of the sick, personality development, and interpersonal relationships.

Related Sciences (2)
A course which includes theory in the structure and function of the human body, and essential knowledge of physical, chemical, and bacteriological principles which promote better understanding of nursing principles and disease conditions.

Nursing Communications (2) Mrs. Neal, Mr. Faber, Miss McFadden
A course designed to help the vocational student communicate more effectively in speech, writing, and social relationships.

Home Management (1) Mrs. Peterson
A study of modern home management methods. One lecture a week.

Nutrition Mrs. Peterson
A basic study of nutrition. In addition, simple and therapeutic diet planning and preparation are included. Two lectures weekly.

VOCATIONAL PRINTING

1-A, 1-B. Printing (7) Yr. Mr. Epp
Prerequisite: High School Printing.
Vocational Printing endeavors to develop skills, knowledges, and attitudes used in holding positions in the printing industry. The individual training enables the student to advance as quickly as his ability affords. The class is conducted as nearly like a printing establishment as possible.
Vocational Printing includes lectures and instruction on the use of platen presses, vertical and newspaper cylinder presses; composing room saws; proof presses, and linotype type casting machines; lock-up for presses; bindery operations; power paper cutter; perforator; paper drill; stapler and padding press. Three lectures and five laboratory periods weekly.

RADIO AND TELEVISION

50-A, 50-B. Fundamentals of Radio (1) I, II
Elementary radio and vacuum tube theory supplemented by laboratory work on the construction of a simple radio receiver.

51-A, 51-B. Television Repair, Elementary (1) I, II Mr. Martynec
The fundamentals of television receiver theory and operation. Particular attention is paid to the proper use of test equipment and the correction of receiver faults.
52-A, 52-B. Television Repair, Advanced (1) I, II
Mr. Martynec
A continuation of 51-A-B planned for the person who is engaged in the servicing of television receivers or who wishes to get into this field.

WOODSHOP

1-A, 1-B. Elementary Woodshop (1) I, II
Mr. Bronstrup
A beginning class in cabinetmaking. Safe and efficient operation of hand and power tools in the construction of simple cabinets and furniture. Operation of the lathe is also stressed.

2-A, 2-B. Advanced Woodshop (1) I, II
Mr. Bronstrup
A continuation of 1-A-B with emphasis on the construction of better quality projects.

APPRENTICESHIP CLASSES

50-A, 50-B. Carpenter Apprenticeship (1-1) Yr.
An eight semester course in related carpentry for indentured apprentices.

51-A, 51-B. Electrician Apprenticeship (1-1) Yr.
An eight semester course in related electricity for indentured apprentices.

THE SOUTHERN CALIFORNIA PEACE OFFICERS' TRAINING SCHOOL

This school was established in Riverside under the administration of Riverside College in the spring of 1953. It is a cooperative venture with the following three agencies participating: (1) Riverside College, (2) California State Department of Education, (3) Riverside County Sheriff's Department.

College credit is granted for the 218 hour course. A Certificate of Completion is awarded when a student finishes the course. Transcripts of record are issued under the same conditions as described elsewhere in the catalogue.

The Sheriff’s Department furnishes facilities which include a barracks, dining hall, classrooms, rifle and pistol range. The state department acts as consultant, furnishes a supervisor of the school, some of the instructors, and classroom supplies.

The course is offered twice each year for a five week period, once in the fall and again in the spring. This school serves eleven counties in Southern California.

The following individuals may enroll:
1. Officers of less than three years experience;
2. Officers of more than three years experience who have not completed training at a basic school;
3. Eligibles who have a letter of recommendation from their prospective chief or sheriff;
4. Experienced officers who are to conduct training programs in their own departments.

For full information regarding the Riverside College Southern California Peace Officers' Training School, address communications to the Registrar.

HONORS AND AWARDS

Riverside College had its own honor society from 1921 until 1953. In the spring of that year the college applied for membership in Alpha Gamma Sigma, the California Junior College Honor Society. Gamma Sigma chapter of Riverside College was granted its charter by Alpha Gamma Sigma on May 8, 1953.

Temporary Membership. Temporary membership in Alpha Gamma Sigma, California Junior College Honor Society, is awarded at the close of each semester to all students who have for that semester not less than twelve quantity units, and a grade point ratio of at least 3.0 (all exclusive of Physical Education) in courses of recognized Junior College standing, having no grade lower than C, and who are, in all other respects, recommended by the faculty of Riverside College. Not more than 10% of the students, based on average daily attendance, shall be elected to temporary membership.

Permanent Membership. Any student who has completed the number of quantity units (exclusive of Physical Education) required for graduation, or which are transferable to any recognized four-year college, and who has fulfilled the requirements for temporary membership during any three of four, or four out of five semesters, and who has a grade point ratio for all junior college work (exclusive of Physical Education) of 3.3 or above, or who has a grade point ratio of 3.5 or above for all junior college work (exclusive of Physical Education) regardless of the number of semesters of temporary membership, may become eligible for election to permanent membership. The final selection shall be made by a faculty committee who shall consider the eligible students from the standpoint of three qualities: First, character as shown by conduct and general behavior; second, service as shown by loyalty and service to the school; third, leadership as shown by activity in student affairs.

Junior Lions Cup
The Junior Lions Cup has been presented each year since 1928 to the man of the graduating class who in the judgment of the Committee has rendered the greatest service to the College during the year. A similar cup is given to the woman of the graduating class who has been adjudged worthy of like honor.

Jack B. Crawford Memorial Award
The Jack B. Crawford Memorial Award was established in 1946 in memory of Jack B. Crawford who gave his life in the service of his country. This award is given annually to the man student who, in the judgment of the Committee, displays outstanding sportsmanship in the field of athletics. His attitude toward his fellow students and academic work will also be taken into consideration. The man so recognized receives an award to keep in his possession. His name is also engraved on a perpetual trophy which remains in the College trophy room. Awarded to Claude Ragsdale in 1956.

HONOR SOCIETY
Women's Athletic Association Scholarship

The Women's Athletic Association Scholarship of the annual value of $25 has been awarded annually since 1933 to the woman student who in the judgment of the Committee is the outstanding leader in athletics and sportsmanship for the year. The scholarship must be of at least C grade. The award is available only when the student who has been chosen enrolls for the succeeding autumn semester at the College.

Kiwanis Scholarship Fund

The Kiwanis Scholarship Fund was established in 1924. It is a revolving educational loan fund, administered in the interest of graduates of the College, who desire to continue their education at a senior college or university. In the selection of candidates emphasis is placed upon scholarship, character, and personal need. The following students were designated beneficiaries in 1956: Robert Garrett and Wallace Barnett.

Alpha Gamma Sigma Scholarship Fund

Several cash awards plus a dozen or more scholarships to four year colleges and universities are available to members of the honor society. Inquiries may be addressed to Miss Rosa McKusick, Riverside College.

Riverside College Loan Fund

This fund was established first in 1922 by Mrs. Genevieve Aberdien in memory of her nephew Donald Porteous, who was a student at Riverside College in 1920-22. Since that time small sums have been added to the fund. Specifically, money in memory of Miss Julia Campbell, for many years a teacher in the Glen Avon school district, was added to the fund in 1954. Both of these memorial funds are so noted in student body accounts, but are kept in one general loan fund.

Riverside City Teachers Association Loan Fund

This educational loan fund was established in 1947. In order to be eligible for a loan from this fund a student must be preparing to become a teacher, and, except in rare instances, must be a graduate of Riverside College. Scholarship and good character are emphasized. Application must be made by letter to the Riverside City Teachers Association.

Delta Kappa Gamma Scholarship Fund

A scholarship loan not to exceed $300.00 in any one year may be granted to a student who is preparing for the teaching profession upon completion of two successful years of college. All applications must be reviewed by the scholarship committee of Mu Chapter and presented to the organization by June 1st.

Joan Thursby Memorial

This award in memory of Joan Thursby, Riverside College student of 1948, is to be given annually to a second year woman student, who, in the judgment of a faculty and student committee, best exemplifies the attributes of womanhood, participates actively in campus organizations, and who has a "B" average. The name of the student winning the trophy will be engraved on a cup which will remain in the trophy room. A smaller replica of the trophy will be given to her to keep permanently. Awarded to Carole Yohnn in 1956.

Robert Vanderzyl Memorial Tennis Award

This award is made annually to a member of the Riverside College Tennis Team who displays outstanding sportsmanship, good citizenship, and acceptable scholarship. The man so honored has his name inscribed upon a perpetual trophy which remains at the college, and he is also given an individual trophy to keep in his possession. Awarded to Larry Nelson in 1956.

RIVERSIDE COLLEGE AWARDS

These are grants of money made to Riverside College students and prospective students. They are awarded on the basis of need, character, and scholarship and are made possible by the following individuals and organizations:

Associated Student Body of Riverside College
Two awards of $50.00 each are given to deserving students.

Ian Fleming Memorial Award
In memory of this former student, the Circle K Club makes $50.00 available to the awards committee to be given to a deserving sophomore student who is majoring in science or engineering.

A. C. Brown, Sr.
An award of $50.00 is made available to a deserving student.

A. C. Brown, Jr.
An award of $50.00 is made available to a deserving student.

Bourns Laboratories
Two awards of $50 are made available to deserving students.

Riverside Exchange Club
An award of $100.00 is made available to a deserving student or students.

George Reade Foundation
Four awards in the amount of $50.00 each are made to deserving students: two in the field of Auto Mechanics and two in the field of Secretarial Science.

Perez Hayden
An award of $50.00 is made available to a deserving student.
Jones & Fisher
Two $50.00 awards each are made available to deserving students.

Joseph Hunter Foundation
An award of $100.00 is made available to a deserving student.

Junior Chamber of Commerce (Roy Cunningham Memorial)
An award of $50.00 is made available to a deserving student.

Kiwanis Club of Riverside
Two awards of $50.00 each are made available to deserving students.

Magnolia Center Business & Professional Women’s Club
An award of $50.00 is made available to a deserving student.

Magnolia Lions Club
An award of $50.00 is made available to a deserving student.

Pro-America
An award of $50.00 is made available to a deserving student.

Riverside Press and Enterprise
Two awards of $50.00 each are made available. One to a student majoring in printing and the other to a student majoring in journalism.

Riverside Lions Club (Roy C. Hunt Memorial)
Two awards of $50.00 are made available to deserving students.

Rubidoux Motors
An award of $50.00 is made available to a deserving student.

Wednesday Club
An award of $50.00 is made to a graduating senior at Polytechnic High School who plans to attend Riverside College.

Zonta Club
An award of $50.00 is made available to a deserving student.
FACULTY

Cooper, Ruth 6770 Palm Avenue - OV 3-5887
Botany, Chemistry Laboratory
A.B., University of California. Graduate student, University of California, University of Wyoming, and Harvard University. At Riverside College since 1931.

De Francisco, Nathan 3425 Fairmount Boulevard - OV 3-0128
Physical Education, Football
A.B., University of California at Los Angeles; graduate work University of California at Los Angeles. At Riverside College since 1950.

Denham, Philip R. 4274 Oakwood Place - OV 6-6159
Physics, Engineering, Mathematics
B.S., M.S., University of Colorado. At Riverside College since 1956.

Duncan, James K. 1957 Blenheim Street - OV 4-0746
Mathematics, Physics
B.A., Hastings College; M.Ed., Marquette University. Graduate work, Claremont Graduate School. At Riverside College since 1953.

Faber, Lehman B. 6658 Clifford Avenue - OV 3-0281
Spanish, German, English

Gilkeson, Glenn 4423 Maplewood - OV 3-3637
Director of Athletics, Basketball, Hygiene, Physical Education
A.B., Nebraska State Teachers College; M.A., Teachers College, Columbia University. Graduate student, University of Southern California, and University of Wisconsin. At Riverside College since 1939.

Gladden, Garnett Lee 3638 8th Street - OV 6-6440
Philosophy, Psychology
A.B., University of California; M.A., Claremont Colleges; graduate student, University of California. At Riverside College since 1946.

Hager, Bergit S. 9844 Magnolia Avenue
Cosmetology
Cosmetology course, Abraham Lincoln High School; Graduate work at Frank Wiggins, Los Angeles; Comer and Doran; University of California at Los Angeles. At Riverside College since 1955.

Hallock, Robert J. 5869 Grand Avenue - OV 6-0828
Physical Education
B.S., Springfield College. Graduate work, University of Southern California. At Riverside College since 1946.

Hanenberger, Susan 3452 Fifth Street - OV 4-6028
Cosmetology
Cosmetology course, California College of Cosmetology; Graduate work at Marinello's Los Angeles; Comer and Tate Course in Hair Styling; Comer and Doran; Al Tate; Roberta Tate; University of California at Los Angeles. At Riverside College since 1956.

Haslam, James H. Rt. 1, B. 288, Colton - OV 3-4278
Chemistry
B.S., Rhode Island State College. Graduate student Claremont Colleges. At Riverside College since 1946.

Hess, Chester E. 4670 Beatty Drive - OV 3-1653
English, Dramatics
A.B., San Jose State College; M.A., University of Redlands. Graduate work, University of California at Los Angeles, University of Southern California. At Riverside College since 1950.

Horstman, Rudolph W. 3668 Castle Reagh Place - OV 3-2050
Mathematics, Engineering, Construction Technology
B.S., M.S., University of Southern California. At Riverside College since 1954.

Horton, John R. 4268 Via San Jose - OV 9-1567
History
B.A. (Magna cum Laude) Long Beach State College; M.A., Long Beach State College. At Riverside College since 1956.

Howell, Jeanelle R. 5989 Grand Avenue - OV 3-8465
Physical Education
B.S., North Texas State College. Graduate work at East Texas State Teachers College. At Riverside College since 1955.

Huntley, Catharine S. 3668 Beechwood Place - OV 6-4958
Physical Education
A.B., University of Nevada; M.A., Columbia University. At Riverside College since 1926.

Johnson, Cecil E. 5006 Cimarron Road - OV 3-8609
Zoology, Biology
B.S., University of Southern California. Graduate work, University of Southern California and Los Angeles State College. At Riverside College since 1952.

Kincell, Dorothy M. 3811 Mt. Rubidoux Drive - OV 6-4305
Spanish
A.B. (Cum Laude), Pomona College; M.A., Columbia University. Graduate student, University of California at Los Angeles, Pomona College, Stanford University, Columbia University, University of Mexico, L'alliance Francaise, University of Paris. France, Centro de Estudios Historicos, University of Madrid, Spain, Claremont Colleges. At Riverside College since 1942.

Knopf, Arthur G. 4056 Bandini Avenue - OV 4-4546
English, History, Advisor to student newspaper staff, Publicity
A.B., Carleton College; M.S., University of Southern California; graduate work at University of California at Los Angeles, University of Minnesota, and Claremont Colleges. At Riverside College since 1950.
Larson, Lawrence 4830 Riverside Avenue - OV 3-0869
Engineering, Mathematics
Graduate work at the University of Southern California. At Riverside College since 1949.

Long, Bennett A. 4475 Bandini Avenue - OV 4-7870
Engineering, Mathematics
B.S., University of Southern California. Graduate work University of Southern California and Long Beach State College. At Riverside College since 1956.

Loye, Norma L 3484 Skylane Drive - OV 3-5806
Commerce
B.S., Western Michigan College, Kalamazoo, Michigan. At Riverside College since 1955.

MacCush, David E. 5181 Wroxton Drive - OV 4-5581
English, Drama
A.B., New Mexico; M.A., Claremont Colleges; graduate work, University of Pennsylvania. At Riverside College since 1954.

Mackenzie, Maurice Russell 4579 Ninth Street - OV 4-1144
Economics, Political Science
B.S. (Cum Laude) Harvard University; Ed.M., Harvard University. Graduate student, University of California, Columbia University. At Riverside College since 1928.

Matulich, John M. 3560 Gay Way - OV 9-3675
Physical Education, Basketball, Tennis
B.S., University of California at Los Angeles. Graduate work at University of California at Los Angeles. At Riverside College since 1955.

May, David A. 3026 Bautista Drive - OV 3-8503
Law Enforcement
Counter Intelligence School, Harrisburg, Pa. Graduate work at University of Washington and University of California at Los Angeles. At Riverside College since 1956.

McCulloch, Lucille M. 2307 Prince Albert Drive - OV 4-2699
College Nurse
R.N., St. Helena Hospital, San Francisco; P.H.N., University of California at Los Angeles. At Riverside College since 1951.

McDermont, Earl Alexander 3709 Washington Street - OV 3-7140
Vice President, Registrar
A.B., Occidental College; M.A., Columbia University. Graduate student, University of California and University of Montpellier, France. At Riverside College since 1921.

McFadden, Mary 7440 Garden Street - OV 3-4753
Vocational Nursing
B.S., St. Francis Xavier College, Chicago; diploma in nursing, Mercy Hospital School of Nursing, Chicago; graduate work, New York University, St. John's University, Brooklyn, N.Y. At Riverside College since 1954.

McGovern, Helen Elizabeth 7328 Westwood Drive - OV 4-6824
Commerce
B.S., M.S., Iowa State College. Graduate work at Iowa State and Claremont Graduate College. At Riverside College since 1952.

McKusick, Rosa A. 5244 Magnolia Avenue - OV 3-2289
Assistant College Librarian
A.B., Whittier College; M.A., Columbia University; Certificate in Librarianship, University of California. At Riverside College since 1951.

Metcalf, Leonard C. 7321 Limonite Avenue - OV 5-5821
English, Guidance
B.A., Houghton College; M.S., Syracuse University. Graduate work at University of California at Berkeley and Redlands University. At Riverside College since 1956.

Morris, Herbert M. 7491 Potomac Street - OV 3-7892
Auto Mechanics
A.B., University of California at Santa Barbara. At Riverside College since 1951.

Neal, Alice K. 8425 California Street - OV 9-6209
Cosmetology
Graduate of Johnson's School of Cosmetology. Graduate work Frank Wiggins School, Los Angeles. Hair Styling, Roberta Tate. Registered cosmetologist, Vocational graduate, University of California at Los Angeles. At Riverside College since 1947.

Neel, Barbara L. 1627 Via Vista Drive, Redlands - PY 3-1760
History, Guidance

Newstead, John E. 4592 Granada - OV 4-5216
Director of Student Business, Commerce
B.S., State University of New York. Graduate work at Syracuse University. At Riverside College since 1947.

Noble, Orland W. 1765 Prince Albert Drive - OV 6-4712
President
B.P.E., George Williams College; B.S., M.S., University of Southern California. Graduate work Whittier College, Redlands University, University of Southern California, University of California. At Riverside College since 1943.

Ohmen, John C. 1738 Gratton Street - OV 9-6867
Dean of Extended Day
A.B., University of California. Graduate student, University of California, Claremont Colleges, University of Southern California, and University of Redlands. At Riverside College since 1946.
Patton, Robert L. 4070 Jurupa Avenue - OV 3-1928
Consultant in Journalism, City Schools Director of Information Services
A.B. (Cum Laude) Stanford University. At Riverside College since 1931.

Peck, Elmer W. 453 E. Highland Avenue, Redlands - PY 3-5763
Geology, Geography, Anthropology
A.B., Yale University. Graduate work University of California, University of Redlands and Claremont Graduate School. At Riverside College since 1946.

Peterson, Louise M. 1580 Main Street - OV 4-6342
Home Economics
B.S., Brigham Young University, Provo, Utah. Graduate study University of California at Los Angeles, Berkeley, and Redlands University. At Riverside College since 1956.

Rich, Bettie R. 5062 Greenleaf - OV 9-6204
Vocational Nursing
B.S., Pacific Union College. Diploma in nursing, Glendale Sanitarium and Hospital, Glendale, California. California R.N. since 1943. At Riverside College since 1954.

Roby, Paul J. 5445 Sierra Street - OV 4-4391
Anatomy, Physiology, Bacteriology, Hygiene, Baseball, Football
B.S., East Stroudsburg Pennsylvania State Teachers College. M.S., University of Pennsylvania. Doctoral Candidate, University of Southern California. At Riverside College since 1951.

Sayre, Edwin D. 2976 Las Flores, Arlington - OV 9-3274
Music
A.B., DePauw University; Mus.B., DePauw University School of Music; M.A., Teachers College, Columbia University. Ed.D., Teachers College, Columbia University, Westminster Choir College. Vocal training: Karleton Hackett, Robert Elwyn, Percy Rector Stephens, Dr. John Finley Williamson. Choral training: Dr. Harry Robert Wilson, Dr. John Finley Williamson, Dr. T. Frederick H. Candler, Robert Shaw. At Riverside College since 1946.

Smith, Fleming L. 1911 Sepulveda Avenue, San Bernardino - 81-7489
Commerce
B.S., B.E., University of Cincinnati; M.Ed., University of Pittsburgh, Graduate student, New York University, University of Pittsburgh, University of Southern California, and Claremont Colleges. At Riverside College since 1947.

Stalder, Cecil E. 3709 Larchwood Place - OV 6-1827
History, English
A.B., University of California; graduate work, University of California, Claremont Colleges, and University of Southern California. At Riverside College since 1946.

Steponovich, Anthony 5186 Monterey Road - OV 4-5283
Physical Education, Hygiene
B.S., University of Southern California; graduate work at University of Southern California; Coaching School, Stanford. At Riverside College since 1946.

Stone, Don P. 5869 Clifton Boulevard - OV 4-1630
Music, French
A.B., Occidental College; graduate student, Occidental College, University of Redlands, and University of Southern California. At Riverside College since 1948.

Titus, Denton 4467 Rubidoux Avenue - OV 4-0359
Electronics
A.B., San Jose State College. Graduate work, University of Southern California. At Riverside College since 1952.

Toy, Ernest W., Jr. 5456 Wayman Avenue - OV 4-0517
Librarian
B.A. (magna cum laude) College of St. Thomas; M.S., University of Southern California; M.A., University of California at Los Angeles; graduate work, University of California at Los Angeles. At Riverside College since 1954.

Vail, Evan 6589 Mt. Diablo - OV 3-3077
Music, Education
A.B., University of California at Los Angeles; M.A., Occidental College. At Riverside College since 1950.

Wallace, Mary E. 4250 Glenwood Drive - OV 4-5701
Dean of Women, History, Sociology
B.A., University of California at Los Angeles; M.A., University of California at Berkeley; Graduate study Mills College, Stanford University, University of Chicago, Columbia University, Claremont Graduate School. At Riverside College since 1954.

Wiley, William B. 4736 Dewey Avenue - OV 6-5255
English, History
A.B., Wabash College, M.A., University of California at Los Angeles. Graduate work at Claremont Graduate School and University of California at Los Angeles. At Riverside College since 1958.

Mr. Harry Dangerfield College Bookstore
Mrs. Freda Gunn Clerk, Cosmetology
Mrs. Olene Gurley Accounting Clerk
Mrs. Johnnie Palevac Switchboard
Mrs. Marjorie Rosenberg Attendance Clerk
Mrs. Dorothy Summers Library Assistant
ORGANIZATION

Foundation

Riverside College was founded March 13, 1916, when, in response to a general petition of electors, the City Board of Education authorized the introduction of junior college courses in the Polytechnic High School. At the opening of the fall term, September 25, 1916, twenty-four such courses were offered in fifteen departments of study. The enrollment for the first academic year was one hundred ten.

Circumstances were favorable to the development of a junior college at Riverside. The Polytechnic High School had been recently built, and its equipment was suited to advanced work. Many of the faculty had taught in college. For the period from 1916 to 1921 the new institution functioned successfully as a department of the high school.

On May 27, 1921, the California State Legislature passed the Junior College Act which authorized the formation of junior college districts.

In accordance with this act, and by authority of the State Board of Education, the Riverside Junior College District was founded in 1921, and the institution became thereby a district junior college. As now constituted, the district embraces, in addition to the City of Riverside, the communities of Alvord, Ferndale, Glen Avon, Jurupa, Midland, Mira Loma, Moreno, Union Joint, and West Riverside. The City Board of Education constitutes the governing board. The College receives its financial support from the State of California on an A.D. basis, supplemented by a district tax. The College is therefore part of a state-wide system of regional colleges designated to popularize education in cooperation with the State University and under the advisory supervision of the State Board of Education.

The formation of the district suggested the advisability of erecting a separate group of buildings for the use of the College. Accordingly, property was purchased on Terracina Drive and Riverside Avenue as a site for the new campus. Two residences, which stood on the site (Gage Hall fronting on Terracina and the Collier cottage on Riverside Avenue), were used as temporary quarters. Bonds were voted on in 1922, 1927, and again in 1949, which have given the College its present physical plant on a separate campus, with its own library and laboratories, and its own faculty. Since 1927, certain other units have been added, the cost being defrayed by direct tax.

Management and Control

The management and control of the College are vested in a Board of Trustees of five members. These are chosen at the biennial city elections and hold office for four years.

Aims and Functions

The College has a two-fold aim and function:

1. To provide two-year college curricula complete in themselves which, so far as possible, shall meet the needs and objectives of the individual student without reference to preparation for upper division work in a senior college or university.

2. To provide courses corresponding to lower division university courses which will enable students who wish to continue their studies elsewhere to transfer without loss of time or credit. As an integral part of the state system of education, the College aims specifically to satisfy the requirements of the University of California for admission to its upper division. Fulfilling the lower division requirements of the University of California is equivalent to fulfilling the lower division requirements of most standard colleges and universities.

The College Year

The College year begins in September and continues through two terms of eighteen weeks each.

Summer Session

A summer session of six weeks is held each year immediately following the spring semester. This session enables students to do additional academic work and to make up deficiencies. Both college and high school subjects are offered. A total of six semester units may be earned.

Location and Climate

The College is located at Riverside in the heart of the citrus belt—sixty miles east of Los Angeles. Riverside has an elevation of 871 feet and a population of more than 70,000. It is on the lines of the Union Pacific, Santa Fe, Southern Pacific, and Pacific Electric Railways. A seasonal rainfall of approximately 11 inches and a mean temperature of 59.3 degrees for the college year (September 15 to June 15) ensure climatic conditions which are exceptionally favorable for intensive study.

The main campus occupies a site at the junction of Terracina Drive and Riverside Avenue. It is about a mile from the business district. The academic buildings stand at the edge of a broad mesa overlooking an ancient water-course, which was known to the Indians as Tequesquite arroyo from the tequesquite or "soap soil" once found there in abundance. In this natural stadium the physical activities are centered. At the eastern end of the arroyo lies a five acre tract which is also part of the College campus. Half of this property was deeded to the College in 1932 by Mr. and Mrs. A. C. Lovekin. The other half was acquired by purchase in 1935. The land which is set with olive, walnut, and ornamental trees, has a frontage of 700 feet on Saunders Street.

Buildings and Equipment

The central group of academic buildings consists of one-and-two-story structures. The different units are grouped about an open court and are connected by a continuous single or double-decked arcade except on the west side of the quadrangle. At this point the covered arcade of the upper tier gives place to an open deck with wrought iron balustrade. In style the buildings represent the best period of the Italian Renaissance. The gray walls of reinforced concrete with red tile roofing are reminiscent of Spanish missions.

On the north side of the quadrangle are grouped the Administration Offices and the Library; on the east and south most of the departments of
letters and science; the commerce department, the home economics department, and the College cafeteria, student lounge, and bookstore; on the west the auditorium and the department of cosmetology.

**Library**

The library is a well-lighted, friendly place, conveniently located in the central group of academic buildings. It features a growing and thoroughly up-to-date collection of over nineteen thousand books, regular displays of more than 150 current periodicals, and a spacious and comfortably furnished reading room which will accommodate about one hundred readers. The library staff, which consists of two professional librarians, a library clerk, and student assistants, is adequate and competent to offer students frequent individual assistance in the use of library aids and facilities. During the school year, the library is open from 7:45 a.m. to 4:30 p.m. every day that school is in session, and from 6:00 p.m. to 9:00 p.m. Monday through Thursday.

**Art**

Special equipment in the art department includes a projection machine and 1000 lantern slides. Available also is a loan collection of 3000 additional slides, many of these in full color. In the ceramics division there is a large Deover kiln, a smaller kiln, and four potter’s wheels; in the glaze laboratory two ball mills for grinding ram glazes, and electric test kiln, scales, and incidental tools. In the fine art division are found many reproductions of paintings by masters. Special equipment for fine and commercial art includes etching and block printing presses, compressor, air brushes, and cutawl.

**Music**

The music department equipment includes a Steinway Grand piano, a Chickering Grand piano, upright practice pianos, custom built record players, recording machines to register progress of students throughout the year, a large library of choral music, operas, oratorios, cantatas, piano and vocal music, instrumental music, and a constantly increasing library of recordings.

The college has a pipe organ in the auditorium. Its two divisions include seven ranks (both flute and reed pipes) and tubular chimes. Both chambers are under expression. The organ console has two manuals and pedal. The organ can be made to serve the quadrangle through speakers. The instrument was rebuilt by Alfred G. Kilgen, Inc., and is electoneumatic throughout.

**Shop Equipment**

Two shop buildings with 8,500 feet of floor space located at the corner of Terracina Drive and Saunders Street were constructed in 1947. These buildings contain classrooms, electronics laboratory, auto mechanics laboratory, welding shop, study room, and audio-visual classroom.

**Auditorium and Stage**

The Auditorium, which is intended primarily as a student assembly hall, has a seating capacity of five hundred. The stage is unique in college architecture, opening, as occasion requires, either into the auditorium or upon the cloistered court, where open-air assemblies and commencement exercises are held. The indoor proscenium arch has a span of 20 feet 6 inches, the outdoor arch a span of 38 feet. The stage measures 41x44 feet.

**Memorial Chimes**

The automatic chimes are dedicated to former students who gave their lives in World War II. The Westminster chime signal is heard throughout the campus hourly. These chimes represent the culmination of a plan sponsored by the Associated Student Body, 1946-47. Businessmen and other citizens contributed generously to the first World War II memorial in the City of Riverside.

**Gymnasium**

The Gymnasium, completed in 1954, is located in the arroyo which forms a part of the campus. Construction is rigid steel frame and reinforced brick. The principal gym floor is 75x106 feet with shower and locker facilities for men adjacent to one end and for women at the other. In addition there are squad rooms, therapy, first aid, women’s special exercise room, and counseling and office facilities for athletic directors. The building faces the college play fields which include a football field, a quarter mile track with a 220 yard straightaway, five tennis courts, basketball and volleyball courts, and six out-of-doors handball courts.

**Bleachers**

In the fall of 1930 reinforced concrete bleachers were built to accommodate spectators attending pageants, football games, and track and field meets. To ensure safety, four main exits have been provided; one at each end of the bleachers, one at the lower center, and one at the rear, where a broad reinforced concrete bridge spans the gap between the bleachers and the hillside.

The front passageway is overhanging in design, and affords weather protection for contestants in track and field meets as well as for outdoor classes.

The space between the bleachers, which is divided by a tunnel into two equal parts, has been enclosed and furnished with offices and workrooms.

In 1952, steel bleachers were erected to bring the total seating capacity for the stadium to five thousand.

**Health Control and Health Service**

The College concerns itself with the maintenance of conditions favorable to the health of students and faculty, not only to safeguard the College community as a whole against epidemics, but also to guarantee to the
individual student or instructor who enjoys normal health and physical vigor
the opportunity to continue his college work under the most favorable
circumstances. To this end, Physical Education is required. Exemption may
be granted to the student who because of physical disability cannot engage
in active exercise, provided a physician's certificate stating the cause of dis-
ability and fixing the time limit for the exemption is properly filed. In
addition, a two-unit course in Health Education is required for each can-
didate for the degree of Associate in Arts.

The College also concerns itself with controlling the academic activities
of students whose health and strength do not admit of a normal curriculum,
and with giving such students advice and instruction in the hope that their
physical and mental health may be improved.

At the beginning of the Fall Semester the new student and the student
who plans to participate in any sport supervised by the College is given a
physical and medical examination by the College medical staff. Cases need-
ing professional attention are referred to the physician or medical service of
the student's choice.

Emergency treatment may be administered on the campus, but only
temporary and limited aid is given. The Bacteriology department renders
service in making tests and analysis. The Riverside County Tuberculosis
Association provides the service each year to take X-rays for all students
desiring them.

The College does not assume legal responsibility or obligation in the
case of students who suffer injury while in athletic training or competition.
Nevertheless, it is the policy of the College to pay, within certain limits, for
the treatment of injuries thus received. This expense is normally covered by
group insurance which is carried by the Associated Student Body, and paid
in part by the student himself.

Employment Service

Many students who wish to attend school find it necessary to earn part
or all of their expenses. The College cannot guarantee anyone employment,
but it does undertake to assist worthy students in finding work suited to
their abilities.

To this end (1) the Board of Education provides in its budget for the
employment of a limited number of laboratory, clerical, and janitor assistants.
(2) The College maintains a Placement Service Bureau, which attempts
to find part-time jobs for students while in college and permanent positions
after graduation.

Students are cautioned against trying to carry a heavy academic pro-
gram while under the necessity of self-support.
STUDENT ACTIVITIES

Associated Student Body

The Associated Student Body is the official organization of the students of Riverside College. The management of its affairs is vested in an executive board consisting of the following officers, who are elected annually: President; Vice President; Secretary; Treasurer; Athletic Commissioner; President, Associated Men Students; President, Associated Women Students; Representatives-at-large. Official acts of the executive board are subject to review by the President of the College.

Associated Student Body Officers, 1956-57

President—Richard Speck
Vice-President—Frank Adams
Secretary—Leslie Pinching
Treasurer—Joan Hostetter
Representatives-at-Large—Ron Thompson, Margaret Fisk
Editor, Tiger Tales—Anita Marcy
Editor, Tiger Times—Craig Beckheyer
Editor, Tequesquite—Paula Linrud
Assembly Chairman—Arthur Conn
Rally Committee Chairman—Jim Hester
Social Chairman—Rixton Rafter
Athletic Commissioner—James Townsend
Student Advisor—Leonard Metcalf

Associated Men Students
President—Bill Derryberry
Board Members—Stuart Kringer, Edmund Bereal, Gary Lamberson, Ronald Grable, Thomas Williams

Associated Women Students
President—Anita Marcy
Vice-President—Patricia Babcock
Secretary—Janet Troxel
Treasurer—Theresa Ellerd
Social Chairman—Kathryn Hollmen
Publicity Chairman—Sharon O'Barr

A.W.S. Service Club
Circle "K"
Cosmos
Delta Chi Delta
Engineers Club
Future Teachers of America
Gamma Iota Alpha
Gamma Nu
International Relations

Junior Lions
Kappa Upsilon
Pan-American
Sigma Phi Kappa
Sigma Rho Chi
The Egglestonites
Women's Athletic Association
Zeta Phi
Publications

The Tequesquite is the Riverside College annual. The editor and business manager are appointed by the outgoing editorial board of the Tequesquite.

The Tiger Times, which is published weekly contains current news of campus and college activities. The editors and manager are appointed by the outgoing editorial board of the Times.

Tiger Tales, which is published each fall, is the college student handbook. The editor is the President of the Associated Women Students.

Speech Activities

Riverside College is a member of the Eastern Conference Speech Activities Association.

Eastern Division: Chaffey, Fullerton, Mt. San Antonio, Orange Coast, Riverside, San Bernardino, Santa Ana.

Activities include debate, impromptu, extemporaneous, and panel discussions.

Dramatics

The interests of drama are served by the classes in dramatic art which sponsor the production of several three-act plays, and other dramatic programs during the year.

Music

Musical activities are given a large place in the life of the college. Operas, oratorios, choral programs, musical revues, and recitals are presented throughout the year. The various choral and instrumental groups and soloists are in demand throughout the year for engagements before social and professional organizations, for assemblies, and for commencement. Choral and instrumental groups represent the college at the annual Spring Festival of Music presented by combined Junior Colleges of Southern California.

Athletics for Men

The College is a member of the Southern California Junior College Association, Eastern Conference. Four Commissioners of Athletics, one for the Western Conference, one for the Eastern, one for the Metropolitan and one for the South Central Conference, are charged with the enforcement of all rules and regulations pertaining to the athletic activities of their respective sections.

The Association recognizes for intercollegiate competition the following activities: baseball, basketball, cross country running, football, golf, swimming, tennis, track and field, wrestling.

All institutions of the Association winning Conference championships through regularly arranged Conference schedules or play-off contests are awarded suitable trophies. No individual awards are made except in track and field.

Athletics for Women

Riverside College is also a member of the Southern California Women's Athletic Association of Junior Colleges. Basketball, volleyball, indoor baseball, hockey, and tennis constitute the program of intercollegiate sports. Three junior college play days are scheduled each year.

Eligibility for Athletics

To be eligible to represent the College in any intercollegiate activity, a student must be passing in at least ten and one-half units of work. In addition, all except first-year students enrolled in their first semester must have passed in at least ten and one-half units of work in their last previous semester. No student shall represent his institution in any athletic activity who registers later than the fourth Monday after the first day of instruction in the semester in which he desires to compete.
Riverside College Graduates

1956

Esther Barbara Ann Aguilar
Dean Thomas Alexander
Esther A. Alway
Arden R. Anderson
Marion Virgil Ashley
C. Eugene Baker
Paul C. Barkley
Wallace Robert Barnett
William Louis Bauer
Donald Edward Baumgartner
Ronald E. Bayly
Robert L. Beaven
Leeza Beitzakhar
Kathryn L. Benedict
Joseph Robert Benitez
Georgia Jean Bliss
Yvonne Cecile Bonsall
william T. Branton
Modene Marie Burns
Carolyn Annette Busch
Hugh Edward Butler
Patricia Karen Cass
Alejandro Ricardo Castillo
Marilyn Wray Cerda
Philip John Cicula
William Joseph Cullen
John Murray Cumming
Suzanne Cummings
Simon R. Daniels
Lorraine Davenport
Valerie Jean De Geus
Yolanda Ruth De la Hoya
Anthony Del Guzzo
Barry John De Mirlyn
Joseph E. Decker
Marilyn Ann Dill
Carrol D. Doolittle
Stephen Brooks Dowd
Gerald Charles Duckor
Evangeline Eveline Durr
John David Ewart
Elvine Regina Fentzelng
Peter F. Figueroa
Laura Janice Fowler
Robert R. Frazier
Donald Fruciano
Paul K. Funkhouser
Robert Harry Garrett
James B. Gilbert
Raymond Eugene Gladden
Edward V. Goad
Simon Gonzales
Donald Eugene Gray
Kirsten Cruger Hansen
Eugene Henry Heise
John Curtis Holland
Dorothy Ishey
William Sbrother James
Jane Sonoko Kajiyama
Joseph Kirk Kavanagh
Otto E. Kiln
Fleeta Mae Kinbrell
Sara Alice Kinnick
Barbara Irene Kuykendall
Eugene Lee Kuykendall
Lorna Diane Lackey
Bruce Theodore Lane
Richard Hilmer La Valley
R. C. Lasater
Gilbert O. Lockwood
Roberta Lee Long
Howard Fleming McCarroll
Jack Eugene McCoy
Robert L. McCulloch
Robert J. McGrady
Glenn Leroy McKenzie
Phillip D. McKimmon
Harold Briggs McKnight Jr.
Ann Christine Maccubbin
Ramona Madrigal
Loretta Jean Main
Charles J. Marabella Jr.
Bud Harold Marcevelt
Barbarto Lee Mason
Sarah J. Mayer
Anne Albers Miller
Robert David Moras
William Austin Morris
Edward J. Morrison
Orland W. Noble Jr.

Herbert R. Oliver
John David O’Donnell
Dannas Weller Osborne
Donna Joyce Owen
James Edwin Owen
Edward James Patterson Jr.
Patiicia Margaret Peters
Marylee Frances Phillips
Janama Marlene Phillip
Billy Frank Pierce
Darlene Seibert Pierce
Lawrence Pinching
Veronica A. Planeta
Fredric J. Pourroy Jr.
Arthur Van Pots
Shirley L. Pugh
Richard A. Radford
Claude Howard Rushdale Jr.
Carol Ratliff
Richard Reimbold
Gene Bartlett Renck
Owen Eugene Rogers
Earle B. Settlemyre
Janice Marlene Shackelford
Marguerite Sharpe
Ivyolene Maybelle Shearer
Gary G. Slaton
Richard H. W. Smith
George Ralph Snider

Raeburn Donald Solberg
Ida May Southard
William E. Speck
Ann Catherine Spikes
Sandra Kay Stalder
Floyd D. Sturtevant
Glenda Dale Sweeeten
Robert Le Roy Tanguary
Eugene Tauman
Robert J. Tehelski
Joseph Thibodeaux
William W. Thomasen
Constance B. Tillle
John E. Tochila
Patricia Louise Tracht
George A. Tucker
Evelyn M. Vander Heyden
David Lynn Ver Plank
Richard V. Volpi
George A. Wager
Paul S. Wakefield
Joseph Edward Waksh
Joe Calhoun Watson
Edward A. Weber
Earl Edmund White
Norma Marie Wiley
Bonnie Lee Williams
Sharla Jean Wright
Carole Lee Yohonn
**VOCATIONAL CERTIFICATE OF COMPLETION**  
**DEPARTMENT OF COSMETOLOGY**  
**1956**

- Gil Alvarez  
- Rita Mae Blanton  
- Ada E. Brown  
- Jeannine B. Brown  
- Juanita Faye Drinnon  
- Donna Jean Fickas  
- Ann Geneva Gann  
- Marilyn Janet Gorton  
- Rita A. Grimes  
- Shirley Joan Hackett  
- Leda Julene Hawker  
- Dorothy Mae Kern  
- Alice Lemon  
- William Sedall Lunsford  
- Beverly Isabelle Mott  
- Ernestine M. Perez  
- Paul David Robertson  
- Ellen Janett Stringer  
- Rosa Villa  

**VOCATIONAL CERTIFICATE OF COMPLETION**  
**DEPARTMENT OF VOCATIONAL NURSING**  
**September, 1956**

- Wilma Brice  
- Hazel Hanson  
- Gladys Hayes  
- Opal Jensen  
- Roberta Mills  
- Daisy Smith  
- Corrynne Threadgill  
- Mae Vander Laan  
- Eleanor Vasquez  
- Billie Westbrook  
- Ruth Wright  

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RIVERSIDE COLLEGE BULLETINS

College Register ........................................ March

Books and Materials required in Courses of Instruction .......... September

Riverside College Newsletter ................................ published occasionally during the year

Occasional Papers: Presenting the results of original research — at intervals

Copies of these publications may be obtained upon request

Address: Registrar, Riverside College
Riverside, California