RIVERSIDE COLLEGE
1951-1953

VOLUME XXXI
RIVERSIDE, CALIFORNIA
OFFICERS OF ADMINISTRATION

THE BOARD OF EDUCATION

Lewis P. Alabaster
Mrs. Willard G. Babcock
Gordon F. Banker
Mrs. E. M. Bonnett, Jr.
George C. Pooley, Jr.
3564 Ramona Drive
2501 Prince Albert Drive
2900 Rumsey Drive
7515 Victoria Avenue
3979 Chapman Place

GORDON F. BANKER
Mrs. E. M. Bonnett, Jr.
George C. Pooley, Jr.
3564 Ramona Drive
2501 Prince Albert Drive
2900 Rumsey Drive
7515 Victoria Avenue
3979 Chapman Place

OFFICERS OF THE BOARD

President: Lewis P. Alabaster
Vice-President: George C. Pooley
Clerk: Mrs. Willard G. Babcock

SUPERINTENDENT OF SCHOOLS

Ira C. Landis
School Administration Building
Bruce Miller, Superintendent Elect

ASSISTANT SUPERINTENDENT OF SCHOOLS

Carl C. Cress
School Administration Building

EXECUTIVE OFFICERS

President: Orland W. Noble
Registrar: Earl A. McDermont
Dean of Women: Frances M. Fraser
Dean of Men: Ralph H. Bradshaw
Director of Adult Division: John C. Ohmen
Acting Librarian: James A. Riddles
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</table>

**First Semester**

1951

September 17, Monday—Instruction begins
November 22, 23, Thursday, Friday—Thanksgiving recess
December 18, 1951, Tuesday, to January 2, 1952, Wednesday—Christmas recess

1952

February 1—End of first semester

**Second Semester**

February 4, Monday—Instruction begins
February 11, 12, Monday, Tuesday—Lincoln’s birthday recess
February 22, Friday—Washington’s birthday, Holiday
May 30, Friday—Memorial Day, Holiday
June 18, Wednesday—Commencement exercises

5 school days
RIVERSIDE COLLEGE – RIVERSIDE, CALIFORNIA
3608 Terracina Drive – Telephone 4310

DIRECTORY

NORTH CORRIDOR:
West of Terracina archway
Administration Offices
President
Registrar
Dean of Women
Secretary to the President
Recorder
Veterans Information
Auditorium
East of Terracina archway
Guidance and Counseling Offices
Dean of Men
Director of Physical Education Department
Guidance Office
Library
Office—Librarian, Assistant Librarian
Reference and reading room

SOUTH CORRIDOR:
Home Economics Department
Commercial Department
Music Department
Bookstore
Cafeteria
Student Lounge
Auditor’s Office

EAST CORRIDOR:
Office of Adult Division–Room 500
Director of Adult Division
Secretary to the Director
Women’s Lounge–Room 116

WEST CORRIDOR:
Auditorium stage
Cosmetology Department
Aeronautics Building—Terracina Drive at Saunders Street

DEPARTMENTS OF INSTRUCTION

Rooms are numbered consecutively beginning at the archway turning east.

FIRST LEVEL
Student Body Office 114
Geological Sciences 20, 25
Physics, Photographic Laboratory 23, 24
Architecture, Art 30, 31
Journalism, Student Publications 28
Audio-Visual 29
Cafeteria
Student Lounge
Bookstore

SECOND LEVEL
French, German 102
Physics, Engineering, Mathematics 103-107
Physiology 109
Commerce 116-119
Spanish 210
Botany 109
Bacteriology 111
English 112-115, 28
English: Public Speaking, Dramatic Art 112

THIRD LEVEL
Chemistry 201, 205
Zoology, Biology 206, 207
History, Sociology 208-211
Economics, Political Science 209-211
Cosmetology 120, 220
Household Arts and Science 211-213
Music 214-216
Effective from the beginning of the school year, 1950-51, Riverside College has been on the Semester Basis. Since 1923 this College has operated on the Quarter Plan but, for a number of reasons, it seemed wise for us to adopt the Semester Basis.

ADMISION TO THE COLLEGE

IN FIRST-YEAR STANDING

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. Admission may be granted provisionally to the student whose application without credentials is received on or after the appointed registration days in the Fall or Spring Semester, but matriculation will be officially recognized as completed only when all credentials have been received and accepted.

IN ADVANCE STANDING

Admission in advance 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 fewer than 10 units.

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.

MATRICULATION

PRE-REGISTRATION TESTS

A battery of tests is given all students who apply for admission to the College. The purpose is not to determine what applicants shall be admitted, but to obtain information which will enable counselors to give the educational and vocational guidance best suited to each student's need. The tests therefore are an integral part of registration procedure and as such are required for full matriculation. The tests are given the week preceding the opening of classes.

REGISTRATION

On the appointed days at the beginning of each college year, all students are expected to present themselves at the College for registration.

Registration includes filling out the information card, the selection of a program of study, and payment of the student membership fee. Each student is assigned to a counselor (preferably in the field of the student's major interest), who will aid him in the selection of his course of study and give him advice at intervals throughout the year when social or 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 requires.

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.

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 is possible, for a full year.
MATRICULATION

Physical Education or "Military Science 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 56 also.

No one may enroll for less than 10 units or more than 17 units (including physical education or military training) 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 18 units in the following semester. The student who has made an A grade in 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.

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.

*Offered provided enough students enroll.

MATRICULATION

CHANGE OF PROGRAM

Programs may be changed at any time within the first week of any semester; that is, a course or courses may be dropped, or others added provided that all changes are submitted to and approved by the Registrar.

During the second week of the Fall and Spring Semesters, a course or courses may be dropped as provided above, but no course may be added without the written approval of the instructor whose class the student desires to enter. Approval forms may be obtained at the Office.

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 eighth 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 textbooks 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 3469 Main Street, Telephone 5540.
GRADUATION

DEGREE OF ASSOCIATE IN ARTS

Riverside College is a two year institution.

The degree of Associate of Arts will be conferred upon the student duly accredited as a high school graduate who completes satisfactorily a two year curriculum of 60 semester units*, 20 units of which must be taken in residence. A student must be in residence the quarter preceding his graduation and satisfy the following specific requirements:

I. English 1 or English 50.

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

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

(1) History 3
(2) History 6
(3) Examination, without unit credit. On written approval of the Registrar, ONLY.

VI. 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.

* 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.

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 will become a candidate for graduation.

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.

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 directly 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 is furnished free upon request.

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 will receive the departmental certificate.
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 3A, 3B, 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.

Courses numbered 1-49 are accepted for full credit at most colleges and universities. Courses numbered 50-99 are essentially terminal in nature although there are a few exceptions. Consult the catalogue of the college or university of your choice for these exceptions.

GENERAL INFORMATION

All of the courses offered by the College, except a few which are noted as they appear in this section of the Catalogue, are accepted by the University, either toward fulfillment of the lower division requirements or in preparation for a chosen major, or as electives:

Courses marked with an asterisk (*) are not open to first-year students; those marked with a dagger (†) require the approval of the instructor.

A unit of work 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.

Listed below are the organized programs in majors and curricula offered at Riverside College. They are typical of the four-year colleges and universities especially the University of California for the first and second years.

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
Industrial Design
Interior Decoration & Costume Design

Astronomy

Bacteriology

Botany

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

Chemistry

Pre-Chiropractic

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
Clothing
Dietetics
Major for Teachers
Promotional Work
COURSES OF INSTRUCTION

Industry
International Relations
Journalism
Laboratory Technician: Medical Technician
Pre-Landscape Design
Pre-Legal
Office Management
Mathematics
Pre-Medicine
Pre-Metallurgy
Meteorology
Music (Teachers)
Nursing
  Pre-Nursing
  Public Health Nursing
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)

COURSES OF INSTRUCTION

Zoology
  Fish and Game
  Genetics: Museum work: Park Management: Teaching
  Physiology

SPECIALIZED CURRICULA

Accounting
Aeronautics
Aircraft and Engine Mechanics
Business, General
Clerical, General
Cosmetology
Education, General
Journalism and Newspaper Work
Merchandising and Salesmanship
Secretarial

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.

PRE-AGRICULTURAL EDUCATION

FRESHMAN YEAR

First Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<td>Botany 1</td>
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<td>Chemistry 1A</td>
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</tr>
<tr>
<td>English 1A</td>
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<tr>
<td>History 3A</td>
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| Total                | 16    |

Second Semester

<table>
<thead>
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<tbody>
<tr>
<td>Physical Education</td>
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</tr>
<tr>
<td>Hygiene 1</td>
<td>2</td>
</tr>
<tr>
<td>Chemistry 1B</td>
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<td>English 1B</td>
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<tr>
<td>History 3B</td>
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| Total                | 16    |

SOPHOMORE YEAR

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Physical Education</td>
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</tr>
<tr>
<td>Bacteriology</td>
<td>3</td>
</tr>
<tr>
<td>Physics 2A</td>
<td>4</td>
</tr>
<tr>
<td>Economics 1A</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 1A</td>
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<tr>
<td>Biology</td>
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| Total                | 17    |

<table>
<thead>
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<th>Course</th>
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<td>Chemistry 13</td>
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<tr>
<td>Physics 2B</td>
<td>4</td>
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<tr>
<td>Economics 1B</td>
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| Total                | 16    |
### APPAREL MERCHANDISING

**Freshman Year**

<table>
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<tr>
<th>First Semester</th>
<th>Units</th>
<th>Second Semester</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>Physical Education</td>
<td>1</td>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>English 1A</td>
<td>3</td>
<td>English 1B</td>
<td>3</td>
</tr>
<tr>
<td>History 3A</td>
<td>2</td>
<td>History 3B</td>
<td>2</td>
</tr>
<tr>
<td>Foreign language or natural science</td>
<td>4</td>
<td>Foreign language or natural science</td>
<td>4</td>
</tr>
<tr>
<td>Art 4A</td>
<td>3</td>
<td>Art 4B</td>
<td>2</td>
</tr>
<tr>
<td>History 4A</td>
<td>2</td>
<td>History 4B</td>
<td>3</td>
</tr>
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<td><strong>Total</strong></td>
<td><strong>15</strong></td>
<td><strong>Total</strong></td>
<td><strong>17</strong></td>
</tr>
</tbody>
</table>

**Sophomore Year**

| Physical Education | 1 | Physical Education | 1 |
| Foreign language or natural science | 4 | Foreign language or natural science | 4 |
| Art 5 | 2 | Art 5 | 2 |
| Economics 1A | 3 | Economics 1B | 3 |
| Psychology 1A | 3 | Psychology 1B | 3 |
| Household Arts 2A | 3 | Household Arts 2B | 3 |
| Business 1A | 4 | | |
| **Total** | **20** | **Total** | **16** |

### ARCHITECTURAL DRAFTING

**Freshman Year**

<table>
<thead>
<tr>
<th>First Semester</th>
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<th>Second Semester</th>
<th>Units</th>
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<tbody>
<tr>
<td>Arch. 50A Res. Arch.</td>
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<td>Arch. 50B Res. Arch.</td>
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</tr>
<tr>
<td>Arch. 52 Arch. Survey</td>
<td>2</td>
<td>Arch. 53 Building Codes</td>
<td>2</td>
</tr>
<tr>
<td>Arch. 54 Mat'l. Constr.</td>
<td>3</td>
<td>Arch. 56 Building Methods</td>
<td>2</td>
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<tr>
<td>Art 4A Form</td>
<td>2</td>
<td>Art 4B Form</td>
<td>2</td>
</tr>
<tr>
<td>Engl. 1A Comp.</td>
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<td>Engl. 1B Comp</td>
<td>3</td>
</tr>
<tr>
<td>Math. F Slide Rule</td>
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<td>Engr. 23 Descrip. Geometry</td>
<td>3</td>
</tr>
<tr>
<td>PE</td>
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<td>PE</td>
<td>1</td>
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<tr>
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<td><strong>15</strong></td>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

**Sophomore Year**

| Arch. 60A Com'l. Arch. | 3 | Arch. 60B Com'l. Arch. | 3 |
| Art 24 Present Techniques | 2 | Arch. 64 Shop Practice | 3 |
| Bus. 18 Bus. Law | 3 | Arch. 55 Applied Constr. | 3 |
| History 3 | 2 | Hygiene | 2 |
| Psych. 1A Gen. Psych. | 3 | Phil. 6B Intro. Phil. | 3 |
| Elective | 2 | | |
| PE | 1 | PE | 1 |
| **Total** | **16** | **Total** | **15** |

### BACTERIOLOGY

**Freshman Year**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Units</th>
<th>Second Semester</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Education</td>
<td>1</td>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>English 1A</td>
<td>3</td>
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<tr>
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<td><strong>Total</strong></td>
<td><strong>18</strong></td>
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</table>

**Sophomore Year**

| Physical Education | 1 | Physical Education | 1 |
| German or French | 4 | Humanities | 2-3 |
| Humanities | 2-3 | Social Science | 3 |
| Social Science | 3 | Chemistry 13 and 14 | 6 |
| Bacteriology 1A | 3 | History 3B | 2 |
| History 3A | 2 | Hygiene 1 | 2 |
| **Total** | **15-16** | **Total** | **16-17** |

### PRE-BUSINESS

**Freshman Year**

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<tbody>
<tr>
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<td>1</td>
<td>Physical Education</td>
<td>1</td>
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<tr>
<td>English 1A</td>
<td>3</td>
<td>English 1B</td>
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<tr>
<td>Science</td>
<td>5</td>
<td>Math 32 or 3B</td>
<td>3</td>
</tr>
<tr>
<td>Hygiene 1</td>
<td>3</td>
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<td><strong>16</strong></td>
<td><strong>Total</strong></td>
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**Sophomore Year**

| Physical Education | 1 | Physical Education | 1 |
| Business 1A | 3 | Business 1B | 3 |
| Business 2A | 1 | Business 2B | 1 |
| Economics 1A | 3 | Economics 1B | 3 |
| Humanities | 2-3 | Humanities | 2-3 |
| **Total** | **16-17** | **Total** | **16-17** |
### COMMERCIAL ART
#### Freshman Year

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<tbody>
<tr>
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<td>2</td>
<td>Art Appreciation</td>
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<tr>
<td>Form and Color</td>
<td>2</td>
<td>Form and Color</td>
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<tr>
<td>Decorative Design</td>
<td>2</td>
<td>Elective</td>
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<td>Graphic Arts</td>
<td>2</td>
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<tr>
<td>Business Course</td>
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<td>Business Course</td>
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<tr>
<td>Architecture Course</td>
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<tr>
<td></td>
<td>14</td>
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#### Sophomore Year

| Intermediate Form and Color | 2 | Intermediate Form and Color | 2 |
| Lettering and Typography   | 2 | Advertising Layout          | 2 |
| Advanced Problems in Art   | 2 | Advanced Problems in Art    | 2 |
| Architecture Course        | 3 | Architecture Course         | 3 |
| English                   | 3 | English                     | 3 |
| Psychology                | 3 | Psychology                  | 3 |
| Elective                  | 2 | Elective                    | 2 |
|                          | 17  |                             | 17   |

### CONSTRUCTION TECHNOLOGY
#### Freshman Year

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<tbody>
<tr>
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<td>3</td>
<td>Arch. 50B Res. Arch.</td>
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</tr>
<tr>
<td>Arch. 52 Arch. Survey</td>
<td>2</td>
<td>Arch. 55 Applied Constr.</td>
<td>3</td>
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<tr>
<td>Arch. 54 Mat'l of Constr.</td>
<td>2</td>
<td>Arch. 56 Bldg. Methods</td>
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<td>Arch. 4A Form</td>
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<td>Arch. 4B Form</td>
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<td>Arch. 1A</td>
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<td>English 1B</td>
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<td>Psych. 1A Gen. Psych.</td>
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<td>Math C Trig</td>
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<td>PE</td>
<td>1</td>
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</tr>
<tr>
<td></td>
<td>16</td>
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<td>17</td>
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#### Sophomore Year

| Arch. 60A Com'l Arch. | 3 | Arch. 60B Com'l Arch. | 3 |
| Arch. 64 Shop Practice | 3 | Arch. 63 Constr. Estimating | 2 |
| Bus. 50A Applied Acct. | 3 | Arch. 53 Building Codes | 2 |
| Bus. 18A Business Law | 3 | Engr. 23 Plane Surveying | 3 |
| History 3             | 2 | Hygiene            | 2     |
| Math F Slide Rule     | 1 | Bus. 97B Small Bus. | 3     |
| PE                   | 1 | PE                | 1     |
|                      | 16  |                   | 16   |

### PRE-DENTAL
#### Freshman Year

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<td>Physical Education</td>
<td>1</td>
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<td>English 1A</td>
<td>3</td>
<td>English 1B</td>
<td>3</td>
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<td>Chemistry 1A</td>
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<td>5</td>
</tr>
<tr>
<td>Zoology 1A</td>
<td>5</td>
<td>Zoology 1B</td>
<td>5</td>
</tr>
<tr>
<td>History 4A</td>
<td>3</td>
<td>History 4B</td>
<td>3</td>
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<tr>
<td></td>
<td>17</td>
<td></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 13 and 14 | 4 |
| Psychology 1A        | 3 | Psychology 1B      | 3 |
| English 14A or 6A    | 2-3 | English 14B or 6B | 2-3 |
| Hygiene 1            | 2 |                   | 2    |
|                      | 17-18 |                  | 16-17 |

### DISPLAY ADVERTISING
#### Freshman Year

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<th>Units</th>
<th>Second Semester</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>Arch. 61A Appl. Int. Dec.</td>
<td>3</td>
<td>Arch. 61B Appl. Int. Dec.</td>
<td>3</td>
</tr>
<tr>
<td>Art 4A Form</td>
<td>2</td>
<td>Art 4B Form</td>
<td>2</td>
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<tr>
<td>Art 51A Art Apprec.</td>
<td>2</td>
<td>Art 51B Art Apprec.</td>
<td>2</td>
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<tr>
<td>English 1A</td>
<td>3</td>
<td>English 1B</td>
<td>3</td>
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<tr>
<td>HA 54 Textiles</td>
<td>2</td>
<td>History 3B</td>
<td>2</td>
</tr>
<tr>
<td>PE</td>
<td>1</td>
<td>PE</td>
<td>1</td>
</tr>
<tr>
<td>History 3A</td>
<td>2</td>
<td>Hygiene</td>
<td>2</td>
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<tr>
<td></td>
<td>15</td>
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#### Sophomore Year

| Arch. 50A Res. Arch. | 3 | Arch. 50B Res. Arch. | 3 |
| Arch. 65A Pract. Display | 2 | Arch. 65B Pract. Display | 2 |
| Art 24 Present. Techniques | 2 | Art 54 B Graphic Arts | 2 |
| Bus. 99A Retail Mdse. | 3 | Bus. 99B Retail Mdse. | 3 |
| English 59A Stagecraft | 2-3 | English 59A | 2-3 |
| Psych. 1A Gen. Psych. | 3 | Bus. 98B Salesmanship | 3 |
| PE                   | 1   | PE               | 1    |
|                      | 16-17 |                | 16-17 |
### COURSES OF INSTRUCTION

#### FINE ARTS

**FRESHMAN YEAR**

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<th>Units</th>
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</thead>
<tbody>
<tr>
<td>Appreciation of Art</td>
<td>3</td>
<td>Form and Color</td>
<td>2</td>
</tr>
<tr>
<td>English 1A</td>
<td>3</td>
<td>History 3A</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>5</td>
<td>Physical Education</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>17</strong></td>
<td><strong>Total</strong></td>
<td><strong>17</strong></td>
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**Sophomore Year**

| Intermediate Form and Color | 2     | Intermediate Form and Color | 2     |
| Anthropology or Psychology | 3     | Anthropology or Psychology | 3     |
| Music Appreciation | 3     | Music Appreciation | 3     |
| Selected Art Course | 2     | Selected Art Course | 2     |
| Laboratory Science | 3     | Laboratory Science | 3     |
| English Literature | 3     | English Literature | 3     |
| Physical Education | 1     | Physical Education | 1     |
| **Total** | **17** | **Total** | **17** |

#### MECHANICAL ENGINEERING

**FRESHMAN YEAR**

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<th>Second Semester</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
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<td>1</td>
<td>History 3A</td>
<td>2</td>
</tr>
<tr>
<td>Physics 1A</td>
<td>4</td>
<td>Math 3A</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry 1A</td>
<td>5</td>
<td>Engineering 22</td>
<td>3</td>
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<td><strong>19</strong></td>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
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</tbody>
</table>

**Sophomore Year**

| Physical Education | 1     | English 1A | 3     |
| Engineering 1A | 3     | Engineering 13 | 3     |
| Math 4A | 3     | Math 4B | 3     |
| Physics 1C | 3     | Physics 1D | 3     |
| Engineering 35 | 3     | Engineering 24 | 3     |
| Hygiene 1 | 2     | **Total** | **15** |

#### HOME ECONOMICS: GENERAL

**FRESHMAN YEAR**

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<tr>
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<th>Second Semester</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>Physical Education</td>
<td>1</td>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>English 1A</td>
<td>3</td>
<td>Chemistry 3A</td>
<td>4</td>
</tr>
<tr>
<td>Household Arts 2A</td>
<td>3</td>
<td>Art 1A</td>
<td>3</td>
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<tr>
<td>History 6A</td>
<td>3</td>
<td><strong>Total</strong></td>
<td><strong>17</strong></td>
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</tbody>
</table>

**Sophomore Year**

| Physical Education | 1     | Household Science 2A | 4     |
| Zoology 1A | 5     | Household Science 3A | 2     |
| *Fine Arts | 3     | Psychology 1A | 3     |
| **Total** | **18** | **Total** | **18** |

#### INTERIOR DECORATION

**FRESHMAN YEAR**

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<th>Units</th>
<th>Second Semester</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>Arch. 51A Furn. Design</td>
<td>3</td>
<td>Arch. 51B Furn. Design</td>
<td>3</td>
</tr>
<tr>
<td>Arch. 52 Arch. Survey</td>
<td>2</td>
<td>Art 51B Art Apprec.</td>
<td>2</td>
</tr>
<tr>
<td>Art 4A Form</td>
<td>2</td>
<td>Art 4B Form</td>
<td>2</td>
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<tr>
<td>Bus. 50A Applied Acct.</td>
<td>3</td>
<td>Art 21 Watercolor</td>
<td>2</td>
</tr>
<tr>
<td>English 1A</td>
<td>3</td>
<td>English 1B</td>
<td>3</td>
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<tr>
<td>History 3A</td>
<td>2</td>
<td>History 3B</td>
<td>2</td>
</tr>
<tr>
<td>PE</td>
<td>1</td>
<td>PE</td>
<td>1</td>
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<td><strong>16</strong></td>
<td><strong>Total</strong></td>
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**Sophomore Year**

| Arch. 61A Applied Int. Dec. | 3     | Arch. 61B Applied Int. Dec. | 3     |
| Arch. 62A Pract. Decoration | 2     | Arch. 62B Practical Dec. | 2     |
| Art 22 Decorative Design | 2     | Bus. 28 Bus. Corresp. | 3     |
| HA 54 Textiles | 2     | Hygiene | 2     |
| Bus. 99A Retail Mdse. | 3     | Bus. 99B Retail Mdse. | 3     |
| Psych. 1A Gen. Psych. | 3     | Bus. 98B Salesmanship | 3     |
| PE | 1     | PE | 1 |
### JOURNALISM

#### Freshman Year

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<tr>
<td>English 1A</td>
<td>English 1B</td>
</tr>
<tr>
<td>Foreign language</td>
<td>Same language</td>
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<tr>
<td>English 3A</td>
<td>English 3B</td>
</tr>
<tr>
<td>History 3A</td>
<td>History 3B</td>
</tr>
<tr>
<td>Geography 1A</td>
<td>Geography 1B</td>
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#### Sophomore Year

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<td>Science</td>
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<tr>
<td>History 4A</td>
<td>History 4B</td>
</tr>
<tr>
<td>Philosophy 6A</td>
<td>Philosophy 6B</td>
</tr>
<tr>
<td>English 13</td>
<td>English 13</td>
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<tr>
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<td>Hygiene</td>
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### LABORATORY TECHNICIAN: MEDICAL TECHNICIAN

#### Freshman Year

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<td>English 1A</td>
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<tr>
<td>Language (Modern)</td>
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<tr>
<td>Chemistry 1A</td>
<td>Chemistry 1B</td>
</tr>
<tr>
<td>Physics 2A</td>
<td>Physics 2B</td>
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<tr>
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#### Sophomore Year

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<tbody>
<tr>
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</tr>
<tr>
<td>Zoology 1A</td>
<td>Zoology 1B</td>
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<tr>
<td>Philosophy 6A</td>
<td>Philosophy 6B</td>
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<td>History 3B</td>
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### PRE-MEDICINE

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<td>English 1B</td>
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<td>Chemistry 1A</td>
<td>Chemistry 1B</td>
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<td>Physics 2A</td>
<td>Physics 2B</td>
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#### Sophomore Year

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<td>Chemistry 10 and 11</td>
<td>Chemistry 13 and 14</td>
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<td>Zoology 1A</td>
<td>Zoology 1B</td>
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<td>History 3A</td>
<td>History 3B</td>
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### PRE-LEGAL

#### Freshman Year

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<td>English 1B</td>
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<td>History 3A</td>
<td>History 3B</td>
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#### Sophomore Year

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<td>Economics 1B</td>
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<td>Science</td>
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<td>Philosophy 6A</td>
<td>Philosophy 6B</td>
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### COURSES OF INSTRUCTION

#### MUSIC AND SPECIAL SECONDARY TEACHING CREDENTIAL

**Freshman Year**

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<th>Units</th>
<th>Second Semester</th>
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<td>Physical Education</td>
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<td>English 1B</td>
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<td>Music 3A</td>
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<td>Music 3B</td>
<td>2</td>
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<td>Foreign language</td>
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**Sophomore Year**

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<th>Second Semester</th>
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<td>4</td>
<td>Hygiene 1</td>
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<tr>
<td>Music 1A</td>
<td>3</td>
<td>Music 1B</td>
<td>3</td>
</tr>
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<td>3</td>
<td>Psychology 1B</td>
<td>3</td>
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*Philosophy 6, English 6, Art 1

#### PRE-NURSING – PUBLIC HEALTH NURSING

**Freshman Year**

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<td>3</td>
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**Sophomore Year**

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<td>Physiology 2A</td>
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#### PHYSICS

**Freshman Year**

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<td>English 1B</td>
<td>3</td>
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<tr>
<td>Physics 1A</td>
<td>4</td>
<td>Physics 1B</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics 3A</td>
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<td>4</td>
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<tr>
<td>*Foreign language</td>
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<td>Same language</td>
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<td>History 3B</td>
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*French or German

Upon completion of the following specialized courses, students are awarded the Associate in Arts degree. Courses are not designed for transfer to institutions of higher learning.

#### AIRCRAFT AND ENGINE MECHANICS

**Freshman Year**

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<td>Engineering A</td>
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**Sophomore Year**

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<td>Mathematics 1A</td>
<td>2</td>
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<td>Physics 50A</td>
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<td>Physics 50B</td>
<td>3</td>
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<td>2</td>
<td>History 3B</td>
<td>2</td>
</tr>
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## COURSES OF INSTRUCTION

### Accounting

**Freshman Year**

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<th>Second Semester</th>
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<td>English 1A or 50A</td>
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<td>English 1B or 50B</td>
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<td>4</td>
<td>Business 1A and 2A</td>
<td>4</td>
<td>Business 1B and 2B</td>
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<tr>
<td>(3)</td>
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<td>(3)</td>
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</tr>
<tr>
<td>3</td>
<td>Business 62A</td>
<td>3</td>
<td>Business 62B</td>
</tr>
<tr>
<td>3</td>
<td>Business 97A</td>
<td>3</td>
<td>Business 97B</td>
</tr>
<tr>
<td>3</td>
<td>Business 81A</td>
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**Sophomore Year**

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*Recommended: Psychology 6, English 12, Economics 2*

### General Clerical

**Freshman Year**

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</tr>
<tr>
<td>3</td>
<td>Business 81A (math.)</td>
<td>3</td>
<td>Business 70</td>
</tr>
<tr>
<td>3</td>
<td>Business 68A (mach.)</td>
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<td>Business 68B</td>
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**Sophomore Year**

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<td>2</td>
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<td>3</td>
<td>Business 61A (Adv. Typ.)</td>
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<td>Business 61B</td>
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*Recommended: PBX; Economics 2; Business 18 AB (Bus. Law); Psychology 6; Home Economics; Music; Payroll & Income Tax Accounting; English 12.*

## Journalism and Newspaper Work

### Freshman Year

<table>
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<th>Second Semester</th>
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<td>English 3B</td>
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<td>Typing</td>
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<tr>
<td>3</td>
<td>English 60A</td>
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### Sophomore Year

<table>
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<td>English 6B</td>
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<td>English 11A</td>
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<td>English 11B</td>
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<td>Physics 50A</td>
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<td>Physics 50B</td>
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<tr>
<td>2</td>
<td>Hygiene 1</td>
<td>2</td>
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Special emphasis is placed on participation in school publications and in the news service program at the college.

## Merchandising and Salesmanship

### Freshman Year

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### Sophomore Year

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**SECRETARIAL**

**FRESHMAN YEAR**

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**SOPHOMORE YEAR**

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<tr>
<td>Business 61A</td>
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</table>

**AERONAUTICS**

(See also page 69)

3-A, 3-B. **Meteorology** (Meteorology 3 and Geography 3, U.C.L.A.) [3-3] Yr. Mr. Rohrer

*Prerequisites:* Algebra and Physics.

A study of the earth's atmosphere, the weather elements, air mass and frontal characteristics, a survey of regional distribution of weather and climate. Practice in making weather observations and interpreting weather maps and teletype sequence reports. Two lectures and one laboratory period weekly.

5-A, 5-B. **Weather Observation** (Meteorology 5, U.C.L.A.) [3-3] Yr. Mr. Rohrer

*Prerequisite:* Meteorology 3.

Weather observations, care and calibration of weather instruments, weather map analysis, local and short range forecasting, climatic studies. One lecture and two laboratory periods weekly.

4. **Celestial Navigation** (See Astronomy 10)

*Prerequisites:* Mathematics 3 and Physics 1.

Physical properties of the air, air flow, air foil characteristics, life and drag computation, propeller theory, compressibility, performance, equilibrium and stability, elementary design factors. Three lectures weekly.

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**ANTHROPOLOGY**

1-A, 1-B. **Introductory Anthropology: Cultural Anthropology** (2-A, 2-B, U.C.) [3-3] Yr. Mr. Peck, Mr. Gladden, Mr. Cooper

1-A. **Introductory Anthropology I** Mr. Peck

A survey of the development of primitive man previous to recorded history. Theories on the origin and antiquity of man. Criteria for subdividing mankind into various stocks. The geographical distribution of primitive peoples. Growth of earliest cultures.

1-B. **Cultural Anthropology II** Mr. Cooper, Mr. Peck, Mr. Gladden

A survey of the range of cultural phenomena of primitive peoples, including material culture, social organization, religion, language, and other topics. Attention will be given to the story of the Indians of the American Southwest. Either half of the course may be taken independently.

---

**ART AND ARCHITECTURE**

50-A, 50-B. **Residential Design** [3-3] Yr. Mr. Shepard

Technical drafting for the building trades using original designs, including plans, elevations, plot plans, presentation drawings, study models, and theory.

51-A, 51-B. **Furniture Design** [3-3] Yr. Mr. Shepard

Original designs of leg and rail and case furniture presented by scale details, presentation drawings, models, simple to complex backgrounds, structure, and theory.
52. Architectural Survey (2) Mr. Shepard
Illustrated lectures and field trips covering the trends in present day architecture and its relation to the past in the United States, California, and in local areas.

53. Building Codes (2) Mr. Shepard
The examination of the California and the City of Riverside's building codes.

54. Materials of Construction (3) Mr. Shepard
An appraisal of all materials used in residential and small commercial structures, including masonry, wood, glass and other synthetics, plumbing, wiring, paints, etc.

55. Applied Construction (3) Mr. Shepard
The practical application of building materials through actual construction or by simulated models at an enlarged scale.

56. Building Methods (2) Mr. Shepard
The how and why of fabricating building materials.

60-A, 60-B. Commercial Structures (3-3) Yr. Mr. Shepard
Original designs for small commercial shops and offices, both interiors and exteriors, including structural and mill shop details presented in drawings and models.

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

62-A, 62-B. Practical Decoration (2-2) Yr.
The commercial decorator's viewpoint, how and what to buy, budget buying, etc., through lecture, field trips and demonstrations.

63. Construction Estimating (2) Mr. Shepard
Methods for cost estimating on building materials based upon current prices, allowances for profit and loss, determining waste, etc.

64. Mill Shop Practices (3) Mr. Shepard
Professional experience in the building fields through actual working conditions as set forth by the Building Trade Council.

65-A, 65-B. Practical Display (2-2) Yr.
Trade training experience in setting up displays for commercial retail establishments, exhibitions, style shows, supervised by the instructor or the professional display representative.

ART

Preparation for the Major: Art 1, 4, 5, 21.

1-A, 1-B. Appreciation of Art (1-A, 1-B, U.C.) (3-3) Yr. Mr. Cooper
Introductory survey of the history and appreciation of painting, architecture, sculpture and the minor arts. Illustrated lectures, research projects.

51-A. 51-B. Appreciation of Art (2-2) Yr. Mr. Cooper
Two illustrated lectures each week. For students not planning to transfer to upper division.

3-A, 3-B. Beginning Drawing and Painting (2-2) Yr. Mr. Cooper
Creative experience in composition of pictures, decorative design, representation of natural objects. For education majors and others not majoring in art.

53-A, 53-B. Beginning Art (2-2) Yr. Mr. Cooper
A terminal course offered simultaneously with 3-A, 3-B. For beginning students not majoring in art and not planning to transfer to upper division.

4-A, 4-B. Form and Color (2-2) Yr. Mr. Cooper
Basic studies of form, space organization, representation, color and composition. Required of art and architecture majors.

21-A, 21-B. Intermediate Form and Color (3-3) Yr. Mr. Cooper
Prerequisite: Art 3 or 4.
Various techniques of drawing and painting. Studies of light and shadows, perspective, composition and color.

22. Decorative Design (16-A) (2) Mr. Cooper
Decoration on paper and cloth by means of blocks, silk screen and free brush work.

54-A, 54-B. Graphic Arts (2-2) Yr. Mr. Cooper
Prerequisite: Art 3 or 4 or equivalent.
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) Mr. Cooper
Analysis and design of letters and type faces of various styles. Practice in lettering for signs and posters.

60. Advertising Layout (2) Mr. Cooper
Recommended Prerequisite: Art 4 and 9.
Rough and abstract layouts. Presentation layouts. Finished copy for the photo-engraver. Study of style in advertising, pictures and letters.

66-A, 66-B. Art Studio (1-1) Yr. Mr. Cooper
Individual assistance given to those who are working on various art projects.

67. Figure Drawing
Drawing and painting from the model. Studies of style in figure drawing by means of colored lantern slides.

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.

(See, also, Adult Division, page 71)
ASTRONOMY

Preparation for the Major: Required: Astronomy 2, 7, Physics 1, 10, Mathematics 3, 4. Recommended: Chemistry 1, Aeronautics 3, English 12 and reading knowledge of German or French.

A non-mathematical study of the solar and stellar systems. The principles of construction and operation of astronomical instruments, celestial coordinate systems, celestial navigation, the planets, stars, and nebulae. The course includes occasional observation period and two or three field trips. Two lectures weekly.

Prerequisites: Astronomy 1 or Astronomy 7 (May be taken concurrently). Laboratory problems in solar and stellar motions, stellar spectroscopy, eclipses, determinations of time, latitude, and longitude. One laboratory period weekly.

Prerequisites: Trigonometry and Astronomy 1 or 7.
Spherical trigonometry, the celestial sphere, refraction, planetary motions, time, aberration, parallax, proper motion, binary star orbits, and determination of time, longitude, and latitude. Two lectures and one laboratory period weekly.

7-A, 7-B. General Astronomy (7-A, 7-B, U.C., U.C.L.A.) [3-3] Yr. Mr. Rohrer
Prerequisites: Mathematics 3 and Physics.
A study of the solar and stellar systems, including the study of eclipses, celestial coordinate systems, sunspots, comets and meteor, novae, and nebulae. Study of planetary and stellar motions, spectroscopy, laws of motion, gravity, parallax and elementary astrophysics. Three lectures weekly and occasional observation periods and field trips.

Prerequisites: Mathematics through Trigonometry and either Astronomy 1 or Aeronautics 73.
Motions of the earth and planets, coordinate systems, the astronomical triangle, instruments, time, the nautical and air almanacs, tables of computation, lines of position and fixes, and typical navigation problems. Two lectures and one laboratory period weekly.

170-A, 70-B. Astronomical Photography [2-2] Yr. Mr. Rohrer
Astronomical applications of photography, including planetary, stellar, meteor and spectroscopic photography. The use of special films and plates, guiding for long period time exposures, and principles of construction of special astronomical cameras. One lecture and laboratory period weekly.

BACTERIOLOGY

Preparation for the Major: Required: Bacteriology 1; Botany 1; Chemistry 1; Physics 1; Zoology 1; French or German. Recommended: Chemistry 10, 11, 13, 14; Physiology 1; Economics 1.

1-A, 1-B. General Bacteriology [2 and 4, U.C.] [3-3] Yr. *Dr. Kneucker, Mr. Parker
Recommended prerequisites: High school chemistry or chemistry 3, 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. Two lectures and one laboratory period weekly.

BIOLOGY

1-A, 1-B. General Biology [3-3] Yr. Mr. Jaeger
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. Two lectures and one laboratory period weekly.

52-A, 52-B. Natural History of Southern California [2-2] Yr. Mr. Jaeger
A brief history of the native animals and plants, together with a consideration of the geological and physiographical background. Of special value to students preparing for teaching or biological field work. Lectures, readings, special reports, and field work.

*Resigned February 8, 1951.

BOTANY

Preparation for the Major, U.C. (Berkeley) Required: Botany 1, 15; Chemistry 1, 13. Recommended: French, German, and elementary courses in other biological sciences.

Preparation for the Major, U.C.L.A. Required: Botany 1, 15; Chemistry 1; Certain phases of botanical work require Geology 1, Physics 2, Bacteriology 1, Zoology 1.

Prerequisite: None; High school chemistry recommended.
A first-hand study of plants as an introduction to the basic knowledge of the organization of plant structures and the nature of the processes inherent in them. A presentation of scientific inferences and points of view about the plant portion of our environment. Frequent field trips. Three lectures and two laboratory periods weekly.

An introduction to the form, habit, and classification of native and ornamental plants. Frequent field trips. Two laboratory periods weekly.

15-A, 15-B. Plant Morphology and Anatomy [2, 6, U.C.L.A.] [4-4]
Miss Cooper

Prerequisite: Botany 1.

Comparative morphology of the plant groups, and study of the structure and development of higher plants. Two lecture periods and two laboratory periods weekly.

BUSINESS


Concurrent requirements: Business 2-A, 2-B.

A course in accounting principles. 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, balance sheets and profit and loss statements.

2-A, 2-B. Accounting Laboratory [2-A, 2-B, U.C.L.A.] [1-1] Yr Mr. Hislop

Concurrent requirement: Business 1-A, 1-B.

A course in supplementary laboratory problems.


The principles of law which are essential to business men; contracts, agency, partnerships, corporations, negotiable instruments, bailments, surety-ship and bankruptcy. Special emphasis is placed on real estate law, including mortgages, trust deeds and leases. Open to second year students only.


A review of the mechanics of English as used in the writing of business letters, including study of the spelling of difficult words. A study of various types of business letters, such as sales letters, application letters, collection letters; and the correct method of writing these letters.

29. Economic Institutions and Problems [2-2] Yr Mr. Mackenzie

(See page 47 also)
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-A, 61-B. Advanced Typewriting [3-3] Yr. Mr. Hislop
Prerequisite: Business 60-A, 60-B or its equivalent.

Business letters, statistical typing, manuscripts, legal typing.

62. Personal Typewriting [3] I or II
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.

A basic course. A speed of 80 words a minute in five-minute dictation is developed.

66. Advanced Shorthand (Gregg System) [3] I Mrs. Hamilton, Mr. Hislop
Prerequisite: Business 65-A, 65-B or its equivalent.

A review of fundamental theory with advanced vocabulary development. A skill of 120 to 140 words a minute is developed.

Prerequisite: May follow or be taken concurrently with Business 66-A, 66-B.

Practice in the techniques of efficient shorthand transcription. Mailable letters transcribed from dictation at speeds up to 160 words per minute.

68-A. Calculating Machines [3] I or II Mr. Haas, Mr. Smith
A laboratory course designed to acquaint secretarial and clerical students with the calculating machines used in modern offices. The student learns to operate comptometers and Burroughs Key-Drive calculators, Marchant and Monroe rotary calculators, Monroe, Burroughs and Clary full-keyboard adding listing machines, and Sundstrand, Remington, and Victor 10-key keyboard adding listing machines. Practice is given in the figuring and use of discounts, net amount, chain discounts and decimal equivalents. 5 hours weekly.

68-B. Duplicating Machines [3] I or II
Prerequisite: Net typing speed of 25 words per minute.

A laboratory course to acquaint secretarial and clerical students with the duplicating machines used in business and industry. Preparation of stencils on the Vari-typer and electric typewriter, effective operation of the mimeograph, mimeoscope, standard liquid duplicator, multilith, and multigraph duplicators. Preparation of a variety of stencils including bulletins, forms, outlines, greeting cards and letters. 5 hours weekly.

69. Office Practice [3] II
Prerequisite: Business 68-A, 68-B.

An intensive finishing course for secretarial and clerical students. Instruction is given under simulated office conditions. The course provides additional practice in the use of office appliances. Emphasizes the development of the personal qualities of appearance and expression of secretarial performances and of behavior traits helpful in office work.

Fifty percent of the time in this course will be devoted to the use of filing equipment. The Remington Rand Library Bureau 40-period course offers instruction and practice in Alphabetic, Numeric, Triple Check, Varidex filing and follow-up methods. Stresses the basic rules and procedures common to all systems of filing. Required of all secretarial and office clerical students.

71. P.B.X. (Switchboard Operation) [1 or 2] 1, II Mr. Hislop
A study of cord PBX board and the necessary training to develop dexterity in operation.

72. Machine Bookkeeping [3] I or II
Prerequisite: Business 1-A, 50-A, or 59-A, or enrollment in one of these.

Designed to train students in the use of Burroughs bank-posting machines, and Burroughs and Sundstrand commercial posting machines, Burroughs, Monroe and Sundstrand adding listing machines and Marchant and Monroe rotary calculators. 5 hours weekly.

73. Comptometry [3] I or II

A laboratory course to develop speed and accuracy in addition, multiplication, subtraction and division on the comptometer and Burroughs key-drive calculating machines. Practice is given in figuring discount, interest, prorating, chain discounts, reciprocals and other applications of calculation to business procedures. 5 hours weekly.

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 denominate numbers.

82. Personal Finance and Consumer Education [3] II
A non-technical course for those students who desire a working knowledge of financial problems which directly concern the individual in his private life. The objective is for the better management of money income and expenditures for necessities, savings, and protection through a practical knowledge of current purchasing and investment procedures. The aim is to develop a foundation for the control of individual financial responsibilities involving effective use
of family income which includes savings for investment and retirement, intelligent buying, an evaluation of consumer research and product testing organization, taxes, insurance, household budget, banking, renting and buying a home. Recommended as fundamental to general education.

Mrs. Hamilton
A review in the fundamentals of grammar and sentence structure, punctuation, capitalization and vocabulary building which apply directly to the effective business message. Practice in preparation of oral and written reports, minutes, legal and commercial documents and research.

85. Elements of Business [3] I
Mr. Haas
A survey course designed to present an understanding of our business environment. Provides an overview of our business system as a whole and of its various divisions. A survey of business principles, problems, and practices valuable to all business students and to others not majoring in this field. Included are discussions of the nature of business, ownership forms, physical factors, personal, marketing, finance, managerial control and government.

89. Business Career Methods [1] 9 weeks I or II
An intensive short-term laboratory course. Practice in meeting the special human relationship problems that confront young business people: entertaining business guests, clothes for business, home at 5:45—meal ready at 6:15, lunch with the boss, manners that make or break, relationship with fellow employees, and mixing marriage with business. Recommended for business majors. Unit load to be carried in addition to full academic schedule.

96-A, 96-B. Cooperative Retail Trades [5-5] Yr.
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. Content includes a series of units on various phases of distribution and the correlation of this material with work experience. Store procedures, selling, techniques, color, line, and design for merchandise display; commodities, their manufacture, quality, and selling factors stressed. Development of personality and appearance; manner, dress, speech.

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, partnership, corporations, contracts, legal relations, organization charts prepared, field trips to selected small businesses. Intensive case studies of selected small businesses.

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 two 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.

Fundamentals of retail salesmanship, display and demonstration of merchandise, opportunities in the retail selling field, personality analysis, use of individual rating sheets, techniques for getting along with fellow employees and customers. Sales talks are written and demonstration sales are made. The literature is studied to obtain information on current business trends.

Conferences on sales problems encountered in the field. Topics will be those brought in by the group and related directly to their experiences. Practice and drill in problem saving.

Recruiting, selecting, training, activating, compensating, maintaining morale of sales organizations.

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.

Mr. Bucknell
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 procuring 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 buyer's 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 I, and one or more of 10, 11, 13, 14; Physics I, 10; Mathematics I; and a reading knowledge of German. This work may be completed, in part, in the upper division.

 Mr. Brauti, Miss Cooper, Mr. Haslam

Prerequisites: High school chemistry or physics with not less than a C grade or Chemistry 3; 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 II A continuation of chemistry 1-A with special emphasis on the theory and techniques of qualitative analysis.

 Mr. Brauti, Miss Cooper, Mr. Haslam

An introductory course in the principles of inorganic chemistry with a brief introduction to organic and physiological chemistry. This course meets the chemistry requirements for nurses, for majors in physical education, and for majors in home economics. Three lectures and one laboratory period weekly.

Prerequisite: Chemistry 1-A, 1-B.
The principles and methods of volumetric and gravimetric analysis and their applications to simple methods of commercial analysis. Two lectures weekly. Recommended for students of chemistry, engineering, medicine, and dentistry.

To be taken in conjunction with Chemistry 10. Three laboratory periods weekly.

Prerequisite: Chemistry 1-A, 1-B.
The compounds of carbon, both aliphatic and aromatic. Three lecture periods weekly.

*14. Organic Chemistry: Laboratory [1 or 2 or 3] II Mr. Haslam
To be taken in conjunction with, or to follow Chemistry 13. The course covers the preparation, properties, and reactions of typical organic compounds. One, two, or three laboratory periods weekly.

ECONOMICS

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

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.

A more elementary course than Economics 1 with greater relative emphasis upon economic institutions and current economic problems.

EDUCATION

1. Introduction to Education [57, Santa Barbara] [3] Mr. Gladden, Mr. Peck
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. 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 observational period weekly.

ENGINEERING

Preparation for the Major: Instruction in engineering is based upon high school chemistry and physics, and three years of high school mathematics, including trigonometry. Only those who have attained an average grade of A or B in all these subjects are qualified as engineering students of college rank. Those not meeting the above requirements may take college courses of less difficulty to make up the deficiencies before beginning regular engineering courses.

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.

Prerequisite: Open to second year engineering majors, only.
Study of materials of engineering and processes of manufacturing and fabri-
cipation. Elementary heat treatment of metals. Elementary physical testing of metals, woods, fabrics. Two lectures, one laboratory period weekly and occasional field trips.

22. Engineering Drawing [29 U.C.] [3] I or II

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.


Prerequisites: Engineering 22 and Mathematics 3. Open only to engineering majors whose grade point average is 1.5 or higher for the first semester. The fundamental principles and application to the solution of space problems arising in engineering. Two laboratory periods weekly.


Prerequisites: Engineering 22 and 23.

Detail drawings of machine parts, gears and cams, complete working drawings of fairly complex layouts; production illustration.


Prerequisites: Mathematics 4-A and Physics 1. Open to second-year engineering majors only.

Force and equilibrium problems, displacement, velocity and acceleration relations and their applications to engineering; algebraic and graphical methods. Three lectures weekly.

50. Mechanical Drawing [2] I or II

Prerequisites: Engineering 22, 23, 24.

Fundamentals of mechanical drawing. Open to students who have had less than one year of mechanical drawing in high school.

51. Aircraft Drawing [3] I or II

Prerequisites: Engineering 22, 23, 24.

Aircraft dimensioning; details and assembling; production illustrations; standard parts and fasteners; dash numbers; A.N. standards; lofting. For majors in aeronautics only.

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 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.


Mr. Black, Mr. Bradshaw, Mr. Hess, Mr. Knopf, Mr. Mackenzie, Mr. Patton, Mr. Stickney

The chief forms of composition, oral and written, with outside reading and written reports. Theme writing and individual conferences.


Mr. Knopf

Prerequisite: English 1, or may be taken concurrently.

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. Hess, Mr. Stickney

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.


Mr. Hess

Prerequisite: English 1, or may be taken concurrently.

Drama appreciation through a study of the principles of dramatic art. Readings in classical and modern drama from the point of view of production. Consideration of the problems of lighting, setting, make-up, and other phases of stagecraft. Lectures, oral and written reports, rehearsals.


Studies in descriptive and narrative writing, with special reference to the technique of the short story, fall semester. Expository writing, with relation to the presentation of facts, the familiar essay, and imagination in the service of thought, spring semester. Literary models are studied and the constant writing of themes required. Open to a limited number of students who have completed English 1 or its equivalent.


Mr. Black, Mr. Hess

Prerequisite: English 1.

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.

Either half of the course may be taken independently.
### COURSES OF INSTRUCTION

#### 50 COURSES OF INSTRUCTION

**14-A, 14-B. American Literature (30-A, 30-B, U.C.) (2-2) Yr.** Mr. Stalder  
*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.

**50-A, 50-B. English Composition (3-3) Yr.** Mr. Black, Mr. Hess, Mr. Bradshaw  
*Principles of effective communication applied to problems of students completing their college work in two years or less. Practice in reading, writing, speaking, and listening, with emphasis on contemporary affairs and some study of contemporary literature.*

**52. Improvement of Reading (2) I, II**  
*Mr. Bradshaw*  
Practice in reading for increased speed and comprehension. Speed reading films, reading problems and exercises.

**53-A, 53-B. Publications Practice (2-2) Yr.** Mr. Patton  
*Prerequisites:* English 1 and consent of the instructor.  
Open to second year students who plan to continue affiliation with College publications and to a limited number of other students who show special interest in a particular publications field. Emphasis is placed on production of the College Yearbook.

**59-A, 59-B. Stagecraft (2-2) Yr.** Mr. Shepard  
*Theory of stage design, set construction, and stage lighting. Practical work in connection with college dramatic productions.*

**GEOGRAPHY**

**1-A, 1-B. Introductory Geography (1, 2, U.C.) (3-3)** Mr. Peck, Mr. Brand  
**1-A. Introductory Physical Geography (1, U.C.) I and II** 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.) I and II** Mr. Brand  
A study of the basic cultural elements of geography (population distribution, general land use patterns and trade), 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.

**5-A, 5-B. Economic Geography (5-A, 5-B, U.C.) (3-3) Yr.** Mr. Brand  
A world survey of the interrelationship of man with his economic activities and the factors of his natural environment. The products and industries of the world are stressed. An economic description of the world by regions is given. Sufficient geography is studied for one to understand how great an influence is environment upon man. (Primarily for students who need a year course in Economic Geography for specified degree requirements.)

**GEOLOGY**

**1-A, 1-B. Introductory Geology (1, 2, U.C.) (4-4) Yr.** Mr. Peck  
**1-A. Introductory Physical Geology**  
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. Brand
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.

Mr. Peck
The scientific study of scenery. The development of the surface features of the landscape. Use of colored slides of various national parks. Two lectures weekly.

Mr. Peck
Prerequisite: Geology 1-A, or Geology 3, or Geology 5-A, or Geography 1-A.
A regional survey of the geology and geography of the United States. Detailed analysis of the surface features and rock structures of the larger national parks. Influence of geology upon human activity. Two lectures weekly.

5-A, 5-B. General Geology [2, 3, U.C.L.A.] [3-3]
Mr. Peck
5-A. General Physical Geology
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
Identical to Geology 1-B, with the exception that laboratory work is omitted. Three lectures weekly. Occasional field trips.

53-A, 53-B. History of the United States (2-2) Yr.
Mr. Bradshaw, Mr. Brand, Mr. Stalder, Mr. Stickney
The course meets the State requirements of American History and Institutions for the Associate in Arts title only.

GERMAN
1-A, 1-B. Elementary German (1, 2, U.C.) [4-4] Yr.
Mr. Richards
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.

Mr. Richards
Prerequisite: German 1-A, 1-B.
Further study of correct grammatical and idiomatic usage of German; reading of fairly difficult German literature. Students are advised to take German 3-A, 3-B also.

Mr. Richards
Prerequisite: German 1-A, 1-B, or its equivalent.
Conversation and composition in German on subjects of everyday life and on contemporary German reading material. Students are advised to take German 2 also.

2-A. 2-B. Clothing Construction and Selection (3-3) Yr.
Mrs. Wilson
Garment construction and selection. Materials, color and styles, with consideration of individual needs and clothing wardrobe. One lecture and two laboratories weekly.
50-A, 50-B. Advanced Clothing (3-3) Yr. Mrs. Wilson
Prerequisite: Household Arts 2 or consent of instructor.
Continuation of work and application of principles of clothing construction given in first year, with special emphasis placed on pattern alteration, fitting, and tailoring.

51-A, 51-B. Household Management (2-2) Yr. Mrs. Wilson
Either half may be taken independently.

52. The Hope Chest (1) II Mrs. Wilson
An intensive study of silver, linens, glassware, china, and various kitchen utensils. Differences in quality, cost, durability and practical purposes are considered. Objective is to compile a list of minimum essentials for setting up a home and to estimate costs. Includes field trips based upon listings to allow for inspection of merchandise.

53. Infant Care and Child Training (1) II Mrs. Wilson
Includes pre-natal care, preparations for birth; specifics of care and training of the child during the formative years; emphasis on feeding, detection of common ailments, rest and play. Of practical value to all who have children under supervision in addition to those confronting parental problems.

54. Textiles (2-2) I or II Mrs. Wilson
A study of draperies and window arrangements, wall coverings, upholstery materials, and floor coverings for use and application in the home and business.

55. Foods for Two (2-2) I or II Mrs. Wilson
A class arranged in couples, limited to six men and six women, to plan meals, purchase and prepare foods, with consideration of cost and time elements. Includes study of food essentials in well balanced diet. Full facilities for food preparation with materials supplied. Meets four hours weekly.

HYGIENE

1. General Hygiene (2) I or II Mr. Gilkeson, Mr. Steponovich
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.

LATIN

Preparation for the Major: Required: Four years of high school Latin or Latin 1, 2.
1-A, 1-B. Elementary Latin and Caesar (4-4) I or II (1, 2, U.C.) Mr. Richards
An introductory study, equivalent to the first two years of high school Latin.

2-A, 2-B. Cicero and Virgil (4-4) Yr.
Prerequisite: Two years of high school Latin or Latin 1.
Selected orations of Cicero, and Aeneid of Virgil.

MATHMATICS

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 (3-3) Yr. Mr. Larson
The equivalent of high school algebra, designed for those students who do not receive credit for algebra in high school.

B. Plane Geometry (2-2) Yr. Mr. Larson
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) II Mr. Keyser
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 Mr. Keyser
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.
COURSES OF INSTRUCTION

E. Commercial Algebra (E, U.C.L.A.) (3) I Mr. Keyser

Prerequisite: High school algebra or mathematics A with a grade of C or better. Fundamental operations, simple equations, ratio and proportion, applications to commercial problems, exponents and radicals, quadratic equations, series, functions and graphs, logarithms, and elementary statistics.

F. Slide Rule (2) I or II Mr. Rohrer

Theory of the slide rule, use of the slide rule for problems of multiplication, division, squares, cubes, square roots, cube roots, trigonometric functions, logarithms, and exponentials. The course is designed primarily for students of science, mathematics and engineering.


1. College Algebra (1, U.C.L.A.) (3) I Mr. Larson

The usual topics in college, and review of trigonometry. It gives a thorough foundation for calculus, and is intended for majors in mathematics and the physical sciences.

3-A, 3-B. Analytic Geometry and Calculus (3-A, 3-B, U.C.) (4-4) Yr. Mr. Larson

Prerequisite: Four years of high school mathematics with over-all average grade of B or better. Open to all students; required of those taking Physics 1.

S-A, S-B. Mathematics of Finance (2, U.C.) (3) " Mr. Keyser

Prerequisite: Mathematics E or 1.

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.

*MILITARY SCIENCE AND TACTICS—R. O. T. C.

An act of Congress, passed in June, 1916, provided for military training in certain educational institutions in the United States. This was an enlargement of the Morrill Act of 1863, which requires that a course in military training be given at all state colleges which are receiving federal aid. The government furnishes a competent corps of instructors and all uniforms and equipment necessary for students.

The primary object of Reserve Officers Training Corps is to qualify college students for commissions in the Officers Reserve Corps, a corps from which the country would be able to obtain officers in the subordinate grades in case of emergency. Enrollment in the R.O.T.C. does not obligate students to enter the Officers Reserve Corps; it simply qualifies them for a commission if they desire one. Members of the R.O.T.C. are not subject to call for strike duty or any service in the army, and are in no sense soldiers.

Graduates of junior colleges who have completed satisfactorily two years in the R.O.T.C. units may, upon entering an institution maintaining a senior R.O.T.C. unit, enroll in the advanced course in Military Science and Tactics, subject to the approval of the P. M. S. and T. of that institution.

*Offered provided enough students enroll.

MILITARY SCIENCE AND TACTICS: Theoretical (1-1) Yr.

Prerequisite: Two years of high school R.O.T.C.; or one year junior college basic R.O.T.C.; or attendance at one Civilian Military Training Camp. The year course satisfies the requirement in hygiene for the degree of Associate in Arts.

Organization, defense act, interior guard duty, musketry, map reading, sand table exercises, company administration and supply, mechanization, defense against chemical warfare, mechanization and airplane attack, historical examples, camp sanitation, and camp expedients. Two one-hour periods weekly.

MUSIC

Structure of Music

1-A, 1-B. Rudiments of Music (2-2) Yr. Mr. Vail


2-A, 2-B. Elementary Music Reading and Ear-Training (2-2) Yr. Mr. Stone


3-A, 3-B. Advanced Music Reading and Ear-Training (2-2) Yr. Mr. Sayre

Prerequisite: To be taken concurrently with Music 3-A, 3-B.

Continuation of Music 2-A and 2-B on a higher level.

4-A, 4-B. Elementary Harmony (3-3) Yr. Mr. Stone

Prerequisite: To be taken with 2-A, 2-B concurrently.


5-A, 5-B. Advanced Harmony (3-3) Yr. Mr. Stone

Prerequisite: To be taken concurrently with Music 3-A, 3-B.
<table>
<thead>
<tr>
<th>COURSES OF INSTRUCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>6. Form and Analysis (2) I</strong></td>
</tr>
<tr>
<td><strong>Prerequisite:</strong> Music 4-A, 4-B.</td>
</tr>
<tr>
<td>Tonalities, nonharmonic tones, modulation. Units of musical form and cadences. Analysis of regular and irregular form in music literature. The composer's approach.</td>
</tr>
<tr>
<td><strong>7. Counterpoint (2) II</strong></td>
</tr>
<tr>
<td><strong>Prerequisite:</strong> Music 4-A, 4-B.</td>
</tr>
<tr>
<td>Two-, three-, and four-part counterpoint in all species. Analysis works of sixteenth century contrapuntalists. Keyboard work.</td>
</tr>
<tr>
<td><strong>8-A, 8-B. Instrumentation (2-2) Yr.</strong></td>
</tr>
<tr>
<td><strong>Prerequisite:</strong> Music 4-A, 4-B.</td>
</tr>
<tr>
<td>Techniques of scoring for orchestra, band, and instrumental ensembles.</td>
</tr>
<tr>
<td><strong>MUSICAL CULTURE</strong></td>
</tr>
<tr>
<td><strong>20-A, 20-B. History and Appreciation of Music (3-3) Yr.</strong></td>
</tr>
<tr>
<td><strong>Prerequisite:</strong> Consent of instructor.</td>
</tr>
<tr>
<td>The appreciation and enjoyment of good music through intelligent listening. The evolution of music from ancient times to the present. The development of musical form. The lives of great composers and analysis of their works, illustrated by recordings. Three lectures weekly, assigned readings, term papers.</td>
</tr>
<tr>
<td><strong>63-A, 63-B. Broadcast Musical Programs (2-2)</strong></td>
</tr>
<tr>
<td><strong>Prerequisite:</strong> Music 20-A, 20-B.</td>
</tr>
<tr>
<td>Planning, script writing, and broadcasting of both recorded and “live” programs over Station KPRO. Admission with consent of instructor.</td>
</tr>
<tr>
<td><strong>MUSICAL PERFORMANCE</strong></td>
</tr>
<tr>
<td><strong>30-A, 30-B. Elementary Class Voice (2-2) Yr.</strong></td>
</tr>
<tr>
<td><strong>Prerequisite:</strong> Consent of instructor.</td>
</tr>
<tr>
<td>Group work in voice production, diction and interpretation. Opportunity provided for individual attention and performance.</td>
</tr>
<tr>
<td><strong>31-A, 31-B. Advanced Class Voice (2-2) Yr.</strong></td>
</tr>
<tr>
<td><strong>Prerequisite:</strong> Music 30-A, 30-B or its equivalent.</td>
</tr>
<tr>
<td>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.</td>
</tr>
<tr>
<td><strong>61-A, 61-B. Elementary Class Piano (2-2) Yr.</strong></td>
</tr>
<tr>
<td><strong>Prerequisite:</strong> Music 4-A, 4-B.</td>
</tr>
<tr>
<td>Development of keyboard facility and sightreading. Repertory of simple piano material. Either half may be taken independently.</td>
</tr>
<tr>
<td><strong>32-A, 32-B. Intermediate Class Piano (2-2) Yr.</strong></td>
</tr>
<tr>
<td><strong>Prerequisite:</strong> Consent of Instructor.</td>
</tr>
<tr>
<td>Fundamentals of classical piano technique. Dexterity. Either half may be taken independently.</td>
</tr>
<tr>
<td><strong>33-A, 33-B. Advanced Class Piano (2-2) Yr.</strong></td>
</tr>
<tr>
<td><strong>Prerequisite:</strong> Music 32-A, 32-B or consent of instructor.</td>
</tr>
<tr>
<td>Continuation of Music 32-A, 32-B on a higher level; keyboard harmony and improvisation. Either half may be taken independently.</td>
</tr>
<tr>
<td><strong>34-A, 34-B. Advanced Class Piano (2-2) Yr.</strong></td>
</tr>
<tr>
<td><strong>Prerequisite:</strong> Consent of Instructor.</td>
</tr>
<tr>
<td>Repertory, memory, sightreading, technique, recitals. Either half may be taken independently.</td>
</tr>
<tr>
<td><strong>35-A, 35-B. Elementary Class Organ (2-2) Yr.</strong></td>
</tr>
<tr>
<td><strong>Prerequisite:</strong> Ability in piano: consent of instructor.</td>
</tr>
<tr>
<td>Fundamentals of organ technique, pedalling, registration, hymn playing. Either half may be taken independently.</td>
</tr>
<tr>
<td><strong>37-A, 37-B. Advanced Class Organ (2-2) Yr.</strong></td>
</tr>
<tr>
<td><strong>Prerequisite:</strong> Consent of Instructor.</td>
</tr>
<tr>
<td>Repertory, technique, registration, memory, improvisation, recitals. Either half may be taken independently.</td>
</tr>
<tr>
<td><strong>38-A, 38-B. String and Percussion Instruments (2-2) Yr.</strong></td>
</tr>
<tr>
<td><strong>Prerequisite:</strong> Consent of instructor.</td>
</tr>
<tr>
<td>Technique of playing string and percussion instruments.</td>
</tr>
<tr>
<td><strong>39-A, 39-B. Woodwind and Brass Instruments (2-2) Yr.</strong></td>
</tr>
<tr>
<td><strong>Prerequisite:</strong> Consent of instructor.</td>
</tr>
<tr>
<td>Technique of playing woodwind and brass instruments.</td>
</tr>
<tr>
<td><strong>40-A, 40-B. Choir (2-2) Yr.</strong></td>
</tr>
<tr>
<td><strong>Prerequisite:</strong> Consent of instructor.</td>
</tr>
<tr>
<td>Admission by private audition. Study and performance of secular and sacred unaccompanied choral music. Three hours ensemble and one hour sectional rehearsals per week. Student may rehearse three hours weekly for one unit of credit. Either half may be taken independently.</td>
</tr>
<tr>
<td><strong>41-A, 41-B. Vocal Ensemble (1-1) Yr.</strong></td>
</tr>
<tr>
<td><strong>Prerequisite:</strong> Consent of instructor.</td>
</tr>
<tr>
<td>Performance of choral music adapted to small vocal ensembles. Admission by consent of instructor. Two hours of rehearsal weekly. Either half may be taken independently.</td>
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</tbody>
</table>
COURSES OF INSTRUCTIONS

42-A, 42-B. Symphonic Band (2-2) Yr. Mr. Vail
Performance of symphonic band material. Admission with consent of director. Three hours ensemble and one hour sectional rehearsals per week. Student may rehearse three hours weekly for one unit of credit.

62-A, 62-B. Dance Band (1-1) Yr. Mr. Vail
Practice dance band experience. Admission with consent of director. Three hours of rehearsal weekly. Either half may be taken independently.

43-A, 43-B. Orchestra (1-1) Yr. Mr. Vail
Study and performance of symphonic orchestral material. Admission with consent of director. Two hours rehearsal weekly. Either half may be taken independently.

44-A, 44-B. 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.

45-A, 45-B. Conducting (2-2) Yr. Mr. Sayre, Mr. Vail
Principles and techniques of conducting; repertoire and program building. Practice with choral and instrumental groups. Fall semester (45-A) devoted to choral conducting and Spring semester (45-B) to instrumental conducting. Either half may be taken independently.

46-A, 46-B. Opera Workshop (2-2) Yr. Mr. Sayre
Technique of singing and acting in opera, leading to a full-scale operatic production. For advanced students. Enrollment by audition only. Either half may be taken independently.

NURSING

The College offers two programs in nursing. The one-year course enables the student to meet the requirements of some hospitals for entrance into their nurses training school. The student should enroll for Anatomy and Physiology, Bacteriology, Chemistry, Personal Hygiene and Elements of Nutrition.

The two-year course satisfies the requirements for pre-nursing, for the degree of Associate in Arts, and may satisfy the lower division requirements in the College of Letters and Science.

PHILOSOPHY

Preparation for the Major: Philosophy 1, 6.

1-A, 1-B. Logic: Deductive and Inductive (12-14 U.C.) (3-3) Yr. Mr. Gladden
A systematic study of the formal elements of logic and its use in science and practical life. The nature of argument, fallacy, definition, propositional relations, syllogisms and dilemma. The theory of indirect evidence, canons, generalization, hypothesis, probability, and statistical method.

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.

PHYSICAL EDUCATION

Physical education is required of all men and women under 25 years of age. Choice of activity is allowed.

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; Hygiene 1; Bacteriology 1.

Preparation for the Major, University of California, Los Angeles: Required: Chemistry 3; Physiology 2; Biology 1; Hygiene 1; Physical Education (2 semester units) and training in the various athletic activities.

For Men

The physical education course for men comprises activities for groups and individuals. Group activities include bowling, touch football, playground ball, basketball, and volleyball. Individual activities include golf, swimming, badminton, and tennis.

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, 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 counselor, men students may substitute practice and participation in a 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.

Uniform 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

Mr. Steponovich, Mr. De Francisco, Mr. Hucklebridge
Meets the California requirement for physical education. General Physical Education classes are offered for students who enjoy team activities. Opportunity is given for competition between squads in games which provide fun and activity. Instruction is given in the rules and techniques of each activity, and opportunity is provided to participate in order to improve the skill and ability of each student and to play the game with some degree of enjoyment and pleasure. This method assures each student of gaining the knowledge of physical activities while developing himself physically and improving his general health. The rules, sportsmanship and sports ethics are discussed and taught in class and on the athletic field. Two hours weekly.

Mr. Vanderzyl
Instruction in fundamental rules of tennis, such as ground strokes, service, volley, and smash. Students are classified as beginners, intermediate and advanced and given instruction accordingly. Two hours weekly.

4-A, 4-B. Swimming [1-1] Yr.  
Mr. Hallock
Fundamental instruction in all swimming strokes, crawl, elementary back, side, free style, and breast; realization of natural buoyancy, ability to float and dive.

5-A, 5-B. Badminton [1-1] Yr.  
Mr. Hucklebridge
Fundamentals, techniques, strategy and rules of the game. Students must be able to demonstrate a competent serve, forehand and backhand drives, a "kill shot" and the placement of these shots on the court.

6-A, 6-B. Bowling [1-1] Yr.  
Mr. De Francisco
Bowling is a game that makes possible the development of a skill that can be enjoyed for a lifetime because it does not demand brawn. It teaches timing, balance, and coordination. Rules, bowling etiquette, and how to keep score; instruction on the techniques of footwork and handling the ball. Student pays for his own bowling at a reasonable student rate and provides his own transportation.

7-A, 7-B. Apparatus and Tumbling [1-1] Yr.  
Mr. Steponovich
Includes exercises and stunts on apparatus. Offered to all men students interested in developing neuro-muscular control and skills that contribute to a more healthful and enjoyable period of exercises. Recommended for all Physical Education majors. Includes opportunities to exercise on parallel bars, side horse, weight lifting, horizontal bar, rope climbing and tumbling. The value of the course is expressed by the accomplishment of individual feats and muscular control along with personal development that is satisfying to the individual interested in his own physical well-being.

Intercollegiate Sports

Mr. De Francisco, Mr. Rowland, Mr. Fahrnbruch
Team candidates only.
Includes instruction and preparation for participation on the football team. 5-8 hours weekly.

Mr. Gilkeson
Team candidates only.
Instruction and preparation for participation on basketball team. 5-8 hours weekly.

18-A, 18-B. Advanced Track [1-1] Yr.  
Mr. Hucklebridge
Team candidates only.
Instruction and preparation for participation on the field teams. 5-8 hours weekly.

19. Advanced Baseball [1-1] II  
Mr. Rowland
Team candidates only.
Instruction and preparation for participation on the baseball team. 5-8 hours weekly.

Mr. Hucklebridge
Team candidates only.
Instruction and preparation for participation on the cross country team. 5-8 hours weekly.

Mr. Gilkeson
Team candidates only.
Instruction and preparation for participation on the golf team. 5-8 hours weekly.

Mr. Vanderzyl
Team candidates only.
Instruction and preparation for participation on the tennis team. 5-8 hours weekly.
COURSES OF INSTRUCTION

23-A, 23-B. Advanced Swimming (1-1) Yr.  Mr. Hallock
Teach candidates only.
Instruction and preparation for participation on the swimming team. 5-8 hours weekly.

Academic Courses

Hygiene: See page 55.
30-A. First Aid (2)  Mr. Hucklebridge
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.
31-A. Life Saving and Water Safety (2)  Mr. Hallock
Prerequisite: Ability to pass American Red Cross, intermediate or swimmers test.
The American Red Cross standard courses in water safety. Offered especially for the student majoring or minoring in physical education. Certificates granted to each student who completes the requirements. Study, demonstration, and practice of emergency treatment.
32-A. Introduction to Physical Education (1)  Mr. Hucklebridge
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.
33-A, 33-B. Fundamental Activities (2-2) Yr.  Mr. Hucklebridge
Prerequisite: 32-A, or may be taken concurrently.
Designed for major and minor students in physical education in their freshman year only. Fundamental knowledge, skills, and rules of the following major sports: Badminton, bowling, tennis, skiing, handball, golf, volleyball, boxing, and track. 6 hours weekly.
Either half may be taken independently.
34-A, 34-B. Advanced Fundamental Activities (2-2) Yr.  Mr. Hucklebridge
Prerequisite: 32-A.
Designed for major and minor students in physical education in their sophomore year only. Fundamental knowledge, skills, and rules of the following major sports: Football, speedball, basketball, wrestling, apparatus and gymnastics, baseball, softball, archery, square dancing and social dancing. Six hours weekly.

35. Community Recreation (2)  Mr. Hucklebridge
For those who wish to specialize in physical education, recreation, teaching, or related occupations. Theory and practical applications of public recreation and its problems. Play movement, the recreational needs of various age and occupational groups, the qualifications for recreational leadership, and the organization and direction of community recreational activities with special reference to the local school and municipal playgrounds. A term project is required of all students. 2 hours weekly.

Physical Education for Women
The following courses are offered women in the Physical Education Department. Any individual sport may not be taken for more than one year.
1-A, 1-B. Archery (1-1) Yr. Two hours weekly  Mrs. Huntley
3-A, 3-B. Badminton (1-1) Yr. Two hours weekly  Mrs. Huntley
5-A, 5-B. Bowling (1-1) Yr. Two hours weekly  Mrs. Huntley
7-A, 7-B. Golf (1-1) Yr. Two hours weekly  Mrs. Huntley
9-A, 9-B. Swimming (1-1) Yr. Two hours weekly  Mr. Hallock
11-A, 11-B. Tennis (1-1) Yr. Two hours weekly  Mrs. Huntley
13-A, 13-B. W. A. A. Sports (1-1) Yr.  Mrs. Huntley
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. Two hours weekly.

PHYSICS

Preparation for the Major: Required: Physics 1-A, 1-B, 1-C, 1-D; Chemistry 1-A, 1-B; Mathematics 3-A, 3-B, 4-A, 4-B. Recommended: A reading knowledge of French and German. Physics 1-A, 1-B, 1-C, 1-D are equivalent to 4-A, 4-B, 4-C, U.C.
1-A, 1-B. General (1-A, 1-B, U.C.L.A.) (4-4) Yr.  Mr. Twogood
Prerequisite: High school physics and high school mathematics including trigonometry with average grade of B or better in both fields.
Mechanics, properties of matter, heat and sound. Primarily for students who expect to major in physics, and for students in engineering, chemistry, and architecture. Mathematics 3-A must be taken concurrently with Physics 1-A. Three lectures and one laboratory period weekly.
1-C, 1-D. General (1-C, 1-D, U.C.L.A.) (3-3) Yr.  Mr. Twogood
Prerequisite: Physics 1-A, 1-B.
Magnetism, electricity, and light presented as a continuation of Physics 1. Primarily for engineering students and for those who expect to major in physics. Two lectures and one laboratory period weekly.
2-A, 2-B. General (2-A, 2-B, U.C.L.A.) (4-4) Yr.  Mr. Keyser
Prerequisite: Mathematics B and Mathematics D or consent of instructor.
Properties of matter, mechanics, heat, wave motion, and sound are covered the
first semester. Light, electricity and magnetism are covered the second semester. Meets the requirements for pre-medical or pre-dental students. Three one hour lectures and one three hour laboratory period weekly.

**PHYSICAL SCIENCE**

25-A, 25-B. Physical Science Survey (3-3) Yr. Mr. Keyser
A course in the sciences of astronomy, chemistry, geology, and physics, for the student whose major is not in science or related fields but who desires an understanding of physical science. It will stress the development of scientific thinking and an appreciation of the contribution of all fields of physical science to our society. Three lectures weekly with frequent demonstrations and occasional field trips.

50-A, 50-B. Physical Science for Everybody (3-3) Yr. Mr. Keyser
A course which combines geology, chemistry, physics, and astronomy and presents them as a unified whole. It will stress the methods of science and its contributions to civilization. Three lectures weekly with frequent demonstrations and occasional field trips.

**PHYSIOLOGY**

Preparation for the Major: Required: Physiology 1; Physics 2; Chemistry 1, 13. Recommended: Zoology 1; Chemistry 10, 11; 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.

Prerequisite: High school chemistry. Recommended: A high school biological science course, or chemistry 3, 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. Dr. Brentford, *Dr. Kneucker
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, Russia, and Japan.

Either half may be taken independently.

**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) Yr. Mr. Gladden
Recommended Prerequisite: Biology 1, or Zoology 1, or Physiology 1 or 2, or Psychology 6.

The scientific study of mental processes and human behavior. Required for upper division courses in psychology and education.

6-A, 6-B. Psychology [23, U.C.L.A.] (2-2) Yr. Mr. Gladden
A practical course emphasizing the development of balanced personality. For students interested in studying the interplay of emotional and intellectual factors in the development of personality. Includes practice in study techniques.

**RUSSIAN**

1. Elementary Russian Mr. Richards
Prerequisite: Two years of foreign language in high school or one year in college with a grade of B or better.

Study of Russian grammar; drill in pronunciation; mastery of a basic vocabulary; reading of simple prose and poetry.

Four units, each semester.

**SOCIOLGY**

1-A, 1-B. Sociology [1-A, 1-B, U.C.L.A.] (3-3) Miss Fraser, Mr. Stalder
A survey of social science. A description of man's life with particular emphasis on life in America which includes the study of social institutions and social problems.

**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; History 8.

1-A, 1-B. Elementary Spanish [1 and 2, U.C.] (4-4) Yr. 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.

*Resigned February 8, 1951*
2-A, 2-B. Intermediate Spanish (3 and 4, U.C.) (4-4) Yr. Miss Kincell

Prerequisites: Spanish 1, or two or three years of high school Spanish with grade of at least B.

Reading of Spanish novel, 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

Prerequisites: 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 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

Prerequisites: Spanish 10 or permission of instructor


14. Advanced Spanish (1-1) or (2-2) Yr. Miss Kincell

Prerequisite: Spanish 10 or permission of instructor


50-A, 50-B. Beginning Conversational Spanish (2-2) Yr. Miss Kincell

Open to students who have never had Spanish or only one year of high school Spanish. (Is not equivalent to Spanish 1.)

A supplementary course, with oral approach, designed for the student who requires review and oral drill upon the work he has previously taken, as well as for the beginner. Emphasis upon spoken Spanish and the early reading of easy stories and newspaper articles relative to Spanish and Spanish-American cultural materials. Attention to high frequency idioms and vocabulary building.

51-A, 51-B. Intermediate Conversational Spanish (2-2) Yr. Miss Kincell

Open to students who have had Spanish 1 or two years of high school Spanish. Same type of Course as Spanish 5.

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.

ZOOLOGY

Preparation for the Major, U. C. (Berkeley): Required: Zoology 1, and high school chemistry or Chemistry 1. Recommended. Chemistry 13, 14; French or German; elementary courses in other biological subjects.


1-A, 1-B. General Zoology (1-A, 1-B, U.C.) (5-5) Yr. Mr. Jaeger

A study of the structure, classification, and the life histories of animal organisms. The essentials of animal embryology are covered. Lectures, discussions, and field trips. The principal animal types are studied in the laboratory. Three lectures and two laboratory periods weekly.

*12. Entomology (4) II Mr. Jaeger

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.

DEPARTMENT OF AERONAUTICS
RIVERSIDE COLLEGE

The Department of Aeronautics of Riverside College owns shop and laboratory equipment and audio-visual training materials valued at approximately $20,000. Most of this material was purchased through the War Assets Administration at a fraction of the $200,000 original cost. The Department of Aeronautics also has a U. S. Weather Bureau license for a teletype drop on the C. A. A. Weather Circuit A series 8009 and a C. A. A. Air Agency Certificate with ratings for Basic Ground School and Advanced Ground School.

The Department of Aeronautics offers pre-engineering (aeronautical) courses as well as several two-year courses leading to the Associate in Arts degree with a major in aeronautics. Additional courses in aeronautics will be added to the department from time to time when there is sufficient demand for them.
COURSES OF INSTRUCTION

Students must be at least seventeen years of age to enter the department. Not required, but recommended as prerequisites are: chemistry, physics, and life science. Good health is also a requisite.

Students in the Riverside College Cosmetology Department find three types of learning stressed: (1) individual instruction in all departments; (2) class work; (3) Shop experience. Upon the satisfactory completion of the course, all students are graduated from the department. Those students who wish to receive the Associate in Arts title must also complete the following courses: English 1 and History 3. The State requirement in physical education must be met by all students, whether they wish to obtain a degree or not.

THE ADULT DIVISION

The Board of Education of the Riverside City Schools, in May, 1945, placed all adult education activities under Riverside College. This division is administered by a director and is known as the Adult Division of Riverside College. Classes are held both during the day and in the evening. A wide range of subjects is offered and a constant attempt is made to arrange new classes as the needs of the community change.

Any adult eighteen years of age, or a graduate of an accredited high school, is eligible for admission to classes. No tuition is charged but students are expected to buy books and to pay for materials and supplies.

Many of the courses carry either high school or college credit. Those persons working for credit must comply with the following regulations:

1. Make a written application to the office within the first three weeks of the school quarter.

2. Provide an official transcript of previous schooling.

Under certain conditions it is possible for day school students to attend evening classes. The approval of the Registrar must be obtained in all cases. Grades and grade points are determined in the same manner as in regular day classes.

A student who wishes to complete work for the high school diploma must have his program of study approved by the Director of the Adult Division.

Another service offered is the administration and supervision of the General Educational Development Tests of the United States Armed Forces Institute, which if passed by a veteran of World War II, who has not completed his high school work, may fulfill the requirements for high school graduation.

At the beginning of each semester a bulletin listing the courses offered is published. In the past, classes in the following subjects have been held:
### EVENING CLASSES

#### COMMERCIAL
- Typing I and II
- Bookkeeping
- Shorthand I and II
- Business Law
- Banking
- Business Machines

#### SCIENCE AND MATHEMATICS
- Chemistry
- Physics
- Algebra
- Geometry
- Trigonometry
- Aeronautics
- Arithmetic
- Mineralogy

#### FOREIGN LANGUAGES
- Beginning Spanish
- Advanced Spanish
- French
- Russian

#### COMMUNITY AND HOME
- Sewing
- Flower Arrangement
- Agriculture for Veterans
- Psychology
- Philosophy
- Home Garden Planning
- First Aid
- Lip Reading

#### ARTS AND CRAFTS
- Plastics
- Handicrafts
- Figure Drawing
- Painting
- Music Appreciation
- Ceramics

#### TRADE AND INDUSTRY
- Machine Shop
- Wood Shop
- Auto Shop
- Radio Mechanics
- Welding
- Wiring Code
- Machinist Apprenticeship
- Carpenter Apprenticeship
- Electrician Apprenticeship

### PHYSICAL EDUCATION
- Swimming
- Badminton

### EXPENSES

#### STUDENT BODY MEMBERSHIP

The Student Body Membership is payable at the time of registration as follows: For students entering College September 17 or at any time during the first semester, $15.00. For students entering College February 4 or at any time during the second semester, $10.00. This amount will pay the Student Body fee 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. 17 through Feb. 4</td>
<td>Oct. 1 through Feb. 15</td>
<td>$5.00</td>
</tr>
<tr>
<td>Sept. 17 through March 15</td>
<td>Feb. 1 through March 31</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

No refunds will be made after March 31st.

A straight fee of $10.00 a semester will be charged for students attending on a semester basis.

The student fee for students 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. A straight $5.00 fee per semester will be charged for such students attending on a semester basis. Refunds to these students will be in the same proportion as those granted to full time students.

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

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 texts and materials required for all courses, together with costs, will be published in a separate bulletin in September 1951 and 1952.

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.

Towel Fee

Students must have a clean towel every day for Physical Education. The College will furnish towels for $1.00 per year, or students may bring a clean one from home each day they take Physical Education.

GENERAL REGULATIONS

GENERAL REGULATIONS

College Residence

No dormitories are maintained by the College but lists of rooms and boarding places are kept in 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. All students who drive cars to the College must register their license numbers with the College office.

Bookstore

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

Student Responsibilities

Conduct

It is assumed that students attending the College have a serious purpose, and that they will maintain a worthy standard of conduct. Offenses against good behavior or academic duty will be judged in the light of attendant circumstances and such action taken as necessary.

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 by the Deans when more than two unexcused absences have been accumulated. Request for leave to be absent from a class 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 relieve the student from completing all the work assigned in a given course.
Absence from class because of illness must be accounted for in the Registrar's office.

When a student has been absent from college without previous explanation for two consecutive weeks, his 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 eight weeks of a semester, a notation of "dropped" will be placed upon the student's record. If withdrawal takes place after the eighth week of a semester, a "WP" 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 the more 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, average; D, below average but passing; F, failed. C is the basic grade; A and B are marks of real distinction.

F, failed, necessitates a repetition of the course, if credit is to be received.

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.

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

WF, Withdrawn failing: This grade is recorded if a student withdraws from college after the eighth 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 whose record at the close of any semester shows him to be passing in fewer than ten units is placed on probation. If he fails to pass in ten units of work a second time, he is considered ineligible to enroll until a semester has elapsed. If a student enrolls following this period and again fails to pass in ten units he automatically disqualifies himself for further work at Riverside College.

A special student who is taking fewer than ten 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, 3 points per unit of credit; B, 2 points per unit of credit; C, 1 point per unit of credit; D, 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 for all courses completed in a junior college or he will not be admitted to the University.

*Courses repeated to raise the grade must be counted in the study-list total, even though additional units are not allowed for repetition.
HONORS AND AWARDS

THE HONOR SOCIETY

The Riverside College Honor Society was founded in February, 1921. Its purpose, as set forth in its constitution, is "the promotion of scholarship among the students," through public recognition of those who attain academic distinction.

The Honor Society is composed of active and associate members. Active members are those students who qualify for academic honors, and who upon the recommendation of the faculty are received into the Society. Associate members are members of the faculty and local community who, as representatives of other honorary scholarship fraternities, have affiliated with the College organization to encourage its ideals.

Eligibility to active membership is based solely upon scholarship attainment. Election is determined in accordance with the following regulations, which were adopted February 28, 1936:

1. The candidate for honors must have been awarded 120 or more grade points in three semesters of resident study. The candidate who has transferred from another college must have spent the last semester of the three at Riverside College.

2. Grade points shall be computed upon a maximum of 18 units of credit in any one semester, and upon a maximum of 54 units for the three semesters. If for any reason, the candidate has been permitted to undertake more than 18 units of work in any semester, a proportionate reduction in grade points shall be made.

3. Of the 120 or more grade points required, at least 60 shall represent the scholarship grade A on the permanent record. At least 45 additional grade points shall represent the scholarship grade A or B. The remaining 15 points may represent the scholarship grade A, B, or C. The scale is as follows:
   A, 3 grade points per unit of credit
   B, 2 grade points per unit of credit
   C, 1 grade point per unit of credit

4. The candidate must have elected a major (of at least 20 units) in subject group 1, 2, 3, 4 as required for the title of Associate of Arts. (See pages 16, 17.)

5. The candidate must have included in his two year program a year course (of at least 6 semester units) in each of the following fields of knowledge: English; foreign language; natural science or mathematics; social science.

6. Not more than 18 grade points may be awarded for achievement in physical educational courses.

Honor Society regulations are under revision at this time. An announcement concerning the changes will be made at the beginning of the 1951-1952 school year.

AWARDS AND SCHOLARSHIPS

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. Not awarded in 1950.

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. In 1950 it was awarded to Wilfred Weischedel.

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 average must be of at least C grade. The award is available only when the student who has been chosen enrolls for the succeeding autumn quarter at the College. In 1949 the scholarship was awarded to Lorna Withey Bush.

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 beneficiary in 1950: Philip Norris, Richard Smith.

RIVERSIDE COLLEGE HONOR SOCIETY

Riverside College Honor Society Scholarship Fund is available to Honor Society members. Application may be made by letter stating financial need, future educational plans, and references. This should be addressed to the secretary, Miss Dorothy Kincell, Riverside College.
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.

KIWANIS SCHOLARSHIP TROPHY

This trophy was given to the College in 1948 by the Riverside Kiwanis Club. Any organization on campus which has fifteen or more students in its membership is eligible to compete for the trophy. At the close of each College year, the organization having achieved the highest grade point average has its name engraved upon the plaque. In 1950 the trophy was awarded to the International Relations Club, with a grade point average of 2.232.

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. In 1949 the trophy was awarded to Leatrice Lowe.

FACULTY

EMERITUS LIST

BLISS, HOWARD H. 6898 Valencia
Physics, Engineering
B. S., University of California, Sigma Xi; M. S., University of California. At Riverside College since 1920.

BOARDMAN, HARRY L. Los Angeles, California
Philosophy, Sociology
A. B., Colfax College; D. D., McMinnville (now Linfield) College; M. A., University of California. At Riverside College, 1920-1938.

LINHART, GEORGE A. Glendale, California
Mathematics
B. S., University of Pennsylvania; M. A., Yale University; Ph. D., Yale University, Sigma Xi. Graduate student, Massachusetts Institute of Technology and University of California. At Riverside College since 1923. Retired: January 19, 1948.

PAUL, ARTHUR G. 1912 Pennsylvania Ave. 1655-J
President of the College, 1921-1950.
A. B., Occidental College, Phi Beta Kappa. Graduate student, University of California.

TEST, CHARLES DARWIN Laguna Beach, California
Chemistry
B. M. E., Purdue University; A. C., Purdue University. Graduate student, University of Chicago, Colorado School of Mines, University of Wisconsin, Koenigliche Bergakademie (Freiberg, Saxony), Technische Hochschule (Berlin). At Riverside College, 1924-1941.

ACTIVE LIST

AANSTAD, LLOYD A. 309A W. Emporia, Ontario
Aeronautics
A. B., St. Olaf College. Graduate work, U.C.L.A. At Riverside College since 1948.
<table>
<thead>
<tr>
<th>Name</th>
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<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLACK, PHILIP S.</td>
<td>2041 Arroyo Drive</td>
<td>601-W</td>
</tr>
<tr>
<td></td>
<td>English, Speech</td>
<td></td>
</tr>
<tr>
<td>A. B., M. A., University of Southern California.</td>
<td>At Riverside College since 1946.</td>
<td></td>
</tr>
<tr>
<td>BRADSHAW, RALPH H.</td>
<td>4069 Elmwood Court</td>
<td>6459-M</td>
</tr>
<tr>
<td></td>
<td>Dean of Men, English</td>
<td></td>
</tr>
<tr>
<td>A. B., M. A., Washington University, St. Louis, Mo.; graduate work at Claremont Colleges.</td>
<td>At Riverside College since 1946.</td>
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<tr>
<td>BRAND, RALPH E.</td>
<td>7166 Orchard</td>
<td>1-1074-M</td>
</tr>
<tr>
<td></td>
<td>History, Economic Geography</td>
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<td>A. B., M. A., University of Oklahoma; graduate work at University of Southern California.</td>
<td>At Riverside College since 1946.</td>
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<tr>
<td>BRENTFORD, HARRY E.</td>
<td>11113 Pierce Pl., Arlington</td>
<td>2980-W</td>
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<tr>
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<td>Anatomy, Physiology</td>
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<tr>
<td>B. S., University of Montana; M. S., University of Southern California; D. C., California Chiropractic College; Sc. D., McCormick Medical College; graduate work University of Montana.</td>
<td>At Riverside College since 1951.</td>
<td></td>
</tr>
<tr>
<td>BUCKNELL, LEROY</td>
<td>7232 Orchard</td>
<td>1-0370-R</td>
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<tr>
<td></td>
<td>Commerce</td>
<td></td>
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<tr>
<td>A. B., San Jose State College; M. S., University of Southern California; graduate work at University of California.</td>
<td></td>
<td></td>
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<tr>
<td>COOPER, LAWSON P.</td>
<td>2823 Prospect Ave.</td>
<td>1685-J</td>
</tr>
<tr>
<td></td>
<td>Art</td>
<td></td>
</tr>
<tr>
<td>A. B., Pomona College; M. A., Claremont Colleges. Graduate student, Bureau of University Travel, Harvard University.</td>
<td>At Riverside College since 1937.</td>
<td></td>
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<tr>
<td>COOPER, RUTH</td>
<td>6770 Palm Ave.</td>
<td>1894</td>
</tr>
<tr>
<td></td>
<td>Botany, Chemistry laboratory</td>
<td></td>
</tr>
<tr>
<td>A. B., University of California, University of Wyoming, and Harvard University.</td>
<td>At Riverside College since 1931.</td>
<td></td>
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<tr>
<td>CORR, DR. MAGDALENE H.</td>
<td>3945 Terracina Drive</td>
<td>6023</td>
</tr>
<tr>
<td></td>
<td>Examining Physician for Women</td>
<td></td>
</tr>
<tr>
<td>Haslam, James H.</td>
<td>Box 268-C, Colton</td>
<td>8756-W-3</td>
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<td></td>
<td>Chemistry</td>
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<tr>
<td>B. S., Rhode Island State College.</td>
<td>At Riverside College since 1946.</td>
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<tr>
<td>De FRANCISCO, NATHAN</td>
<td>3451 Corte</td>
<td>1-0112-W</td>
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<tr>
<td></td>
<td>Physical Education, Football</td>
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<tr>
<td>A. B., University of California at Los Angeles; graduate work University of California at Los Angeles.</td>
<td>At Riverside College since 1950.</td>
<td></td>
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<tr>
<td>FRASER, MISS FRANCES M.</td>
<td>4570 Rubidoux Dr., West</td>
<td>1020</td>
</tr>
<tr>
<td></td>
<td>Dean of Women, Sociology</td>
<td></td>
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<tr>
<td>A. B., Vassar College; M. A., Columbia University; diploma, Oxford University.</td>
<td>At Riverside College since 1923.</td>
<td></td>
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<tr>
<td>GILKESON, GLENN</td>
<td>4423 Maplewood</td>
<td>6087</td>
</tr>
<tr>
<td></td>
<td>Director of Athletics, Basketball, Hygiene, Physical Education</td>
<td></td>
</tr>
<tr>
<td>A. B., Nebraska State Teachers College; M. A., Teachers College, Columbia University. Graduate student, University of Southern California, and University of Wisconsin.</td>
<td>At Riverside College since 1939.</td>
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<tr>
<td>GLADDEN, GARNETT LEE</td>
<td>3442 Verde</td>
<td>3442</td>
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<td>Philosophy, Psychology</td>
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<tr>
<td>A. B., University of California; M. A., Claremont Colleges; Graduate student, University of California.</td>
<td>At Riverside since 1946.</td>
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<tr>
<td>HAAS, GARLAND A.</td>
<td>4254 Madrona Road</td>
<td>9-1047-M</td>
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<td>Commerce</td>
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<tr>
<td>B. S., M. A., Indiana University; Graduate student, University of California.</td>
<td>At Riverside College since 1948.</td>
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<tr>
<td>HALLOCK, ROBERT J.</td>
<td>4626 Gardena Dr.</td>
<td>0897-W</td>
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<td>Physical Education</td>
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<td>B. S., Springfield College. Graduate work, University of Southern California.</td>
<td>At Riverside College since 1946.</td>
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<tr>
<td>HAMILTON, ARLENE</td>
<td>4602 Pierce St., Arlington</td>
<td>91683-J-2</td>
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<td>Commerce</td>
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<tr>
<td>A. B., Atlantic Union College; Graduate of Tefft Business Institute; Gregg College, Shorthand Teachers' Course; Graduate student, Boston University.</td>
<td>At Riverside College since 1949.</td>
<td></td>
</tr>
<tr>
<td>HAUGHN, MYRTLE</td>
<td>4470 Seventh Street</td>
<td>1325-R</td>
</tr>
<tr>
<td></td>
<td>Assistant College Librarian</td>
<td></td>
</tr>
<tr>
<td>A. B., University of Kansas; B. S., in L. S., University of Denver School of Librarianship; Graduate work, University of Southern California.</td>
<td>At Riverside College since 1950.</td>
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<td>Hess, Chester E.</td>
<td>5141 Chase Drive</td>
<td>3910-W</td>
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<td></td>
<td>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.</td>
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<tr>
<td>Hislop, John Smith</td>
<td>5025 Olivewood</td>
<td>4084-W</td>
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<td></td>
<td>A. B. (Cum Laude); M. A., University of California. At Riverside College since 1945.</td>
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<tr>
<td>Hucklebridge, Theodore H.</td>
<td>4537 Mulberry Street</td>
<td>3415-J</td>
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<td>A. B., Stanford University; graduate work at Stanford University. At Riverside College since 1946.</td>
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<tr>
<td>Huntley, Catherine S.</td>
<td>3668 Beechwood Place</td>
<td>3179-W</td>
</tr>
<tr>
<td></td>
<td>A. B., University of Nevada; M. A., Columbia University. At Riverside College since 1926.</td>
<td></td>
</tr>
<tr>
<td>Jaeger, Edna C.</td>
<td>4462 Sixth Street</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B. S., Occidental College. Graduate student, University of California and University of Colorado. At Riverside College since 1922.</td>
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<tr>
<td>Judd, Irma S.</td>
<td>4325 Luther Street</td>
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<tr>
<td></td>
<td>Graduate of Excellis School of Beauty Culture, Salt Lake City, Utah. California Teacher Training, Sullivan Beauty College, Los Angeles. Roberta Tate Hairstyling. At Riverside College since 1949.</td>
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</tr>
<tr>
<td>Keyser, Doris P.</td>
<td>4323 Luther Street</td>
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<tr>
<td></td>
<td>B. A., M. S., University of California at Los Angeles. At Riverside College since 1950.</td>
<td></td>
</tr>
<tr>
<td>King, Dorothy M.</td>
<td>3811 Mt. Rubidoux Drive</td>
<td>4214</td>
</tr>
<tr>
<td></td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>Knopp, Arthur C.</td>
<td>4056 Bandini Avenue</td>
<td>4725-R</td>
</tr>
<tr>
<td></td>
<td>A. B., Carleton College; M. S., University of Southern California; Graduate work at University of California at Los Angeles and University of Minnesota. At Riverside College since 1950.</td>
<td></td>
</tr>
<tr>
<td>Larson, Lawrence</td>
<td>4830 Riverside Avenue</td>
<td>3649-R</td>
</tr>
<tr>
<td></td>
<td>A. B., Minst State College, Minst, N. Dak.; M. Ed., University of Montana. Graduate work at the University of Southern California. At Riverside College since 1949.</td>
<td></td>
</tr>
<tr>
<td>McDermont, Earl Alexander</td>
<td>3709 Washington Street</td>
<td>3926-R</td>
</tr>
<tr>
<td></td>
<td>A. B., Occidental College; M. A., Columbia University. Graduate student, University of California and University of Montpelier, France. At Riverside College since 1921.</td>
<td></td>
</tr>
<tr>
<td>Mackenzie, Maurice Russell</td>
<td>4579 Ninth Street</td>
<td>0887-W</td>
</tr>
<tr>
<td></td>
<td>B. S. (Cum Laude) Harvard University; Ed. M., Harvard University, Graduate student, University of Chicago, University of Southern California, Columbia University. At Riverside College, 1924-1925, and since 1926.</td>
<td></td>
</tr>
<tr>
<td>Neal, Alice K.</td>
<td>6361 Brockton</td>
<td>5565-M</td>
</tr>
<tr>
<td></td>
<td>Graduate of Johnson's School of Cosmetology. Graduate work, Frank Wiggins School, Los Angeles. Hair Styling, Roberta Tate. Registered cosmetologist. At Riverside College since 1947.</td>
<td></td>
</tr>
<tr>
<td>Newstead, John E.</td>
<td>4592 Granada</td>
<td>10605-W</td>
</tr>
<tr>
<td></td>
<td>B. S., State University of New York. Graduate work at Syracuse University. At Riverside College since 1947.</td>
<td></td>
</tr>
<tr>
<td>Noble, Orland W.</td>
<td>4158 Beatty Drive</td>
<td>1633-J</td>
</tr>
<tr>
<td></td>
<td>B. P. E., George Williams College; B. S., M. S., University of Southern California. At Riverside College since 1943.</td>
<td></td>
</tr>
<tr>
<td>Omen, John C.</td>
<td>3003 Central Avenue</td>
<td>5241-W</td>
</tr>
<tr>
<td></td>
<td>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.</td>
<td></td>
</tr>
</tbody>
</table>
FACULTY

PARKER, ARNOLD B. 6079 Nogales Street 5103-J
Bacteriology
B. S., Mansfield State College, Mansfield, Pa. Graduate work at Claremont Colleges and University of California at Los Angeles. At Riverside College since 1951.

PATTON, ROBERT L. 4070 Jurupa Avenue 2899
English, Journalism, City Schools' Reports Editor, Advisor to yearbook staff
A. B. (Cum Laude) Stanford University. At Riverside College since 1931.

PECK, ELMER W. 453 E. Highland Ave., Redlands 5763
Geology, Physical Geography, Mineralogy
A. B., Yale University. Graduate work University of California and University of Redlands. At Riverside College since 1946.

RICHARDS, JULIAN K. 1064 Pershing Ave., San Bernardino
French, German, Latin
A. B., M. A., Columbia University; Certificat d'Etudes Francaises, Universite de Grenoble. Graduate student, University of Chicago, Baylor University, and Stanford University. At Riverside College since 1922.

RIDDLES, JAMES A. 4904 Jurupa 1-0743-R
Acting College Librarian
A. B., Arizona State College; M. S. in L. S., University of Southern California. Graduate student at Garrett Biblical Institute and Pendle Hill. At Riverside College since 1948.

ROHRER, WILLIAM G. 4858 Howard Avenue 1843-J
Aeronautics, Astronomy, Mathematics
A. B., University of Redlands; graduate student, University of Redlands. At Riverside College since January, 1947.

ROWLAND, GENE V. 3458 Cortez Street 1781-M
Football, Baseball
B. S., University of California at Los Angeles. Graduate work at University of California at Los Angeles. At Riverside College since 1950.

SAYRE, EDWIN D. 3879 Third Street 868-W
Music

SHEPARD, WAYNE W. 5130 Sierra Street 5642-W
Architecture, Engineering Drawing
A. B., University of Washington; M. A., Claremont Colleges. At Riverside College since 1945.

SMITH, FLEMING L. 955 "F" St., San Bernardino 7-0443
Commerce
B. S., B. E., University of Cincinnati; M. Ed., University of Pittsburgh. Graduate student, New York University, University of Pittsburgh, and University of Southern California. At Riverside College since 1947.

STALDER, CECIL E. 3709 Larchwood Place 2677-R
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 1-0436-W
Physical Education, Hygiene
B. S., University of Southern California; graduate work at University of Southern California; Coaching School, Stanford. At Riverside College since 1946.

STICKNEY, CLIFFORD 919 Bussey St., San Bernardino 82-4210
English, History
A. B., M. A., University of Illinois. Graduate work at University of Redlands. At Riverside College since 1946.

STONE, DON P. 3568 Cortez Street 1-1232-R
Music
A. B., Occidental College; graduate student, Occidental College and University of Redlands. At Riverside College since 1948.

TWOGOOD, ARCHIE J. 2723 Iris Street 3104-W
Physics
B. S., University of California. Graduate student, General Electric Company, Schenectady, and University of California. At Riverside College since 1922.

VAIL, EVAN 4036 Locust Street 1-0032-W
Music
A. B., University of California at Los Angeles; M. A., Occidental College. At Riverside College since 1950.

VEITCH, DR. FREDERICK A. 3660 Fourteenth Street 5560
Examining Physician for Men
At Riverside College since 1942.
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 formed 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, Glenavon, Highgrove, 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. A. basis, supplemented by a district tax. The College is therefore part of a state-wide system of regional junior colleges designated to popularize education in cooperation with the State University and under 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, 1945, and again in 1949, which has 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 Education 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 is held each year immediately following the spring semester. This session is divided into a six weeks' session and a five weeks' session, depending upon the need and demands of students. These sessions enable the 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 is allowed for each session with the exception of the laboratory sciences where ten semester units are allowed for the eleven-week period.

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 about 50,000. 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, and may be reached by automobile or by the Pacific Electric Motor Transit Lines. The academic buildings stand at the edge of a broad mesa overlooking an ancient watercourse, 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 serves as an auxiliary 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; on the west the auditorium and the department of cosmetology.

The Aeronautics Buildings are located at the corner of Terracina Drive and Saunders Street.

LIBRARY

The Library consists of a well-lighted, friendly reading room, which comfortably seats about one hundred readers, and an office workroom. The collection has more than seventeen thousand well selected books and bound periodicals, and is designated to meet the cultural as well as the academic needs of the college community. Two professional librarians, a library clerk, and student assistants are on duty from 7:45 A. M. until 4:30 P. M. every weekday. Additional materials are available at the Riverside Public Library, with its collection of more than 250,000 titles, other neighboring colleges, and the California State Library.

LABORATORIES

Laboratories devoted solely to College work are maintained in bacteriology, botany, chemistry, engineering, geological sciences, physics, psychology, secretarial science and zoology. The value of apparatus and permanent equipment in the several departments is as follows: Aeronautics $20,000.00; astronomy, $4500.00; agriculture and botany, $5700.00; bacteriology, $6500.00; chemistry, $8500.00; cosmetology, $6000.00; engineering, $2250.00; geology, $4000.00; household science, $1500.00; physics, $13,000.00; physiology, $1000.00; psychology, $300.00; secretarial science, $5750.00; zoology, $4300.

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...
Denver kin, a smaller kin, 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, six upright practice pianos, two custom built record players, a recording machine to register progress of students throughout the year, a large library of choral music, operas, oratorios, cantatas, piano and vocal music, and a constantly increasing library of recordings.

Shop Equipment

Two buildings of Aeronautics 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, aerodynamics laboratory, compression engines laboratory, link trainer laboratory, machine shop, 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.

A two-manual Kilgen organ is equipped with a full set of Deagan Class A chimes. The action is electro-pneumatic throughout. Electrical amplification allows the music to be heard either in the quadrangle or in the auditorium.

Memorial Chimes

The Maas twenty-one bell automatic playing tower chimes are dedicated to former students who gave their lives in World War II. The Westminster chime signal is played each hour to dismiss class. By means of a keyboard, selected melodies can also be played. These chimes represent the culmination of a plan sponsored by the Associated Student Body, 1946-1947. Business men and other citizens contributed generously to the first World War II memorial in the city of Riverside.

Gymnasium

The Gymnasium is located in the arroyo below the mesa on which the academic buildings stand. It is of reinforced concrete. The main hall with a floor space of 85 x 106 feet is flanked by galleries which will accommodate sixteen hundred spectators. In the wings beneath these galleries are the shower and locker rooms. Auxiliary rooms for special exercises are also provided, as well as individual offices for the department staff. Adjacent to the gymnasium are the athletic grounds, with two football fields, two hockey fields, a quarter mile track and a 220 straightaway, six tennis courts, ten basketball courts, twelve volleyball courts, a baseball diamond, and an auxiliary baseball practice field.

Bleachers

In the fall of 1930 reinforced concrete bleachers were built to accommodate spectators attending pageants, football games, and track and field meets. The seating capacity is two thousand.

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. The western half serves as the headquarters of the Reserve Officers Training Corps.

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 disability and fixing the time limit for the exemption is properly filed. In addition, a three-unit course in Hygiene is required for each candidate 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 needing 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 analyses. The City and County Health Departments conduct a tuberculosis test of all College students who request the service. If necessary, X-rays are taken.

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.

**EMPLOYMENT SERVICE**

Many students who wish to attend school find it necessary to earn part or all of their expenses. The College can not 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 program while under the necessity of self-support.

*See Physical Education.*

**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; Men’s Athletic Manager; Women’s Social Chairman; Men’s Social Chairman; President Associated Women Students; President Women’s Athletic Association; Editor Tiger Times; Editor Tequesquite; Editor Varieties; Rally Committee Chairman; Forensics Manager. Official acts of the executive board are subject to review by the President of the College.

**ASSOCIATED STUDENT BODY OFFICERS, 1950-51**

President—Ed Miller
Vice President—Bob Ellsworth
Secretary—Mary Alice Patterson
Treasurer—Jim Bourne
Men’s Athletic Manager—Ken Martin
Social Chairman—Dave Remondini
Assembly Chairman—Bruce Nordlund, George Moore
Representatives-at-large—First Semester: Don Gould, Marilyn Taylor, Bruce Zeplin. Second Semester: Ken Knight
Editor, Tiger Times—First Semester: Holly Vecchio. Second Semester: Mary Cain
Editor, Tequesquite—Marjorie Menoher
Editorial Committee, Tequesquite—Bob Heinecken, Football; Valerie Noble, Clubs; Bob Taliaferro, Advertising; Beverly Judson, Organizations; Corky Broyles, Minor Sports; Barbara Switzer, Layouts; Enid Hoxie, Graduates; Phyllis Kennedy, Faculty; Ernie Helm, Photographer; Ronnie Holland, Photographer; John Brown, Photographer
Editor, Tiger Tales—Barbara Bliss
Rally Committee Chairman—Bob Holmes
Student Advisor—Ralph Bradshaw

**ASSOCIATED MEN STUDENTS**

President—Frank Crumpacker

**ASSOCIATED WOMEN STUDENTS**

President—Barbara Bliss
Vice President—Lorraine Upton
Secretary—Mary Alice Patterson
Treasurer—Phyllis Kennedy
Social Chairman—Avis Goodman
Publicity—Mary Jane Flanagan

(Continued on following page)
STUDENT ACTIVITIES

OTHER ORGANIZATIONS

Alpha Eta Rho
Bachelorettes
Circle "K"
Cosmos
The Egglestonites
Engineers Club
Future Teachers of America
Gamma Nu
Gamma Iota Alpha
Inter-Varsity Christian Fellowship
International Relations
Junior Lions
Kappa Upsilon
Pan-American
Pre-Legal Club
Secretarial Club
Women's Athletic Association
Y.M.C.A.
Y.W.C.A.
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 twice a month, contains current news of campus and college activities. The editors and manager are appointed by the outgoing editorial board of the Times.

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, English 9, which sponsors the production of two 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, boxing, cross country running, football, golf, gymnastics, mass athletics, swimming, tennis, track and field, wrestling.

All institutions of the Association winning Conference championships through regularly arranged Conference schedules or play-offs contests are awarded suitable trophies. No individual awards are made.

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 TO STUDENT ACTIVITIES

To be eligible to hold any Student Body Office or 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 three weeks after the first day of instruction in the semester in which he desires to compete.
Riverside College Graduates
CLASS OF 1950

Harold Stewart Adams, Jr.
Maureen V. Allec
Allen Pinkerton Anderson, Jr.
Robert Eugene Anderson
Wayne Gail Anderson
William Hugh Anderson
Florence Eleanor Andres
Marian Jean Arndts
Lovena Margareth Ariledge
Anne Lieutwein Baumgart
Helen La Dana Banta
Amos Daniel Barz
Jay La Verne Beck
Florence Marie Bell
James Warren Bland
James Floyd Bragg
Esther Louise Billingsley
William Robert Blackman
Robert T. Bothwell
Wayne Alva Braman
Betty Mae Fieda Braun
Dennis Oliver Breiding
Boyd Edward Briskin
Alvin Thomas Brown
Robert Norman Broyles
Lorna Lea Withey Bush
Ernestine Burks
Dorothy Bernice Bushman
George Carreon
Dorothy Louise Young
Warren Palmer Yerks
Margaret Elizabeth Virbel
Joseph Frederick Wiest
George Wilcox, Jr.
*B. Roberts
*B. Roberts

Bradford Brooks Fortney***
Clayton W. Fox
Merl D. Francis
Douglas Jean Franklin
Mary Charlotte Freeman
David Muir Freeman
John William Frisida***
John Fred Fry
Richard Lewis Gabrielson
Charles B. Garlet, Jr.
Lorena Gilbert Gibs
Robert Stewart Gordon
George F. Grainger
Barry N. Grant**
Shirley Mae Gray
Shirley Marie Guirey
Richard Albert Haight
James Goodwin Halverson***
Ruth Antonette Hammack
Raymond Gilvan Hanes
Charles W. Haren
Jack Wheeler Harper
James William Harris
Babara Jean Harrison
Helen Estella Hartnett
Curtis Eugene Hawkins
Paul Fred Herman
Betty Revelle Hester
Geraldine Ann Hixson
Matthew L. Houghton
Alma Ruth Hunt
Maurice H. Jackson**
Frances Joan Jensen
Dallas Eugene Jones
Joseph Fred Roberts
Joseph Kaiser
Phyllis Carolyn Kaufman
William Wesley Kiech
Donald B. Kilday
Walter Ray Frank Klock
Kenneth Mitchell Knight
Lucille Irene Kneuer
Robert A. La Fleur
Albert Anthony Laurino
Wilma Leach
Marvin B. Leonard
Gene Lloyd
Lyle C. Loghboh
Donald Vincent Lust
Robert Harry McCausland
Gary David McCracken
Barbara Avonie McMillan
Lucille Ruth Mahly
James Virgil Mantonya
John Harvey Manuel
Rosalee J. Martin
George Howell Marshall
Frank Martin
Geraldine Skelton Matthews
John Campos Mendoz

**Requirement Completed March 11, 1950

*Requirement Completed July 29, 1949

**Requirement Completed December 2, 1949

H Requirement Completed March 11, 1950

Kazuko Sanematsu
Belle Sano
Lola June Scarbrough
Sahib C. Shamsie
Joanne Clare Shearer
Richard Melby Sherer***
David Alexander Sherlock
Robert Laurier Shields
Bart Robert Singletary
Richard E. Smith
Edwin Loren Soderstrom
Avery Hardin Speer
R. Spencer Sprigg***
Richard Hollis Sturdevant
James B. Swanson
Phyllis Louise Sweet
Jerry Janice Swor**
Clare J. Tabor*
Donald Joseph Tackabery
Frieda Ruth Taylor
Harold Taylor, Jr.
Gloria Joan Thompson
Jacqueline Patricia Tornell
Jack Everett Treadway
Audrey Anne Vanderstoep
Margaret Elizabeth Virbel
Richard Stephen Wadding***
Robert Owen Wagner
Harley Rollin Waldron
Sue Arlene Walker
Hazel Arlene Westrom
Richard James Werner
Joseph Frederick Wiest
George Wilcox, Jr.
Marjorie Wilkin
George Arthur Wooley
Jeanette G. Wright
Warren Palmer Yerks
Dorothy Louise Young
Marille P. Yuzon
Vocational Certificate of Completion
Department of Cosmetology

Frances Carroll Andrews
Bernadine Becker
Delphina Mary Bellezza
Ruth Leola Brunston
Crystal Woolf Buchanan
Roxielee Byers
Helen Marie Dixon
Marie Therese Fogarty
Earlene Foster
Alma Duane Little
Marilyn Hicks
Sarah Anna Lucille Hollingsworth
Valerie Janina Kachmer
Vada Lee Ledford
Robert Harold Martin
Anastasia Nevarez
Ruby Elizabeth Rodgers
Louise Simmons Herring
Marilyn Maxine McKinney
Dolores Will
Jean Veatch

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