A SCHOOL OF AGRICULTURE, MECHANICS, AND HOUSEHOLD ARTS ADMITTING PUPILS UPON COMPLETION OF THE EIGHTH GRADE

CALIFORNIA
POLYTECHNIC SCHOOL

CATALOGUE 1909-10

SAN LUIS OBISPO
MAY, 1910

SACRAMENTO:
W. W. SHANNON, SUPERINTENDENT STATE PRINTING
1910
CALENDAR, 1910-1911.

Entrance Examinations .................. Monday, September 12, 1910
Registration ............................ Tuesday, September 13, 1910
Instruction begins ...................... Wednesday, September 14, 1910
Regular meeting, Board of Trustees...... Saturday, October 29, 1910
Thanksgiving Recess...Thursday and Friday, November 24 and 25, 1910
First Term ends.........................Friday, December 16, 1910

CHRISTMAS VACATION.

Second Term registration..............Monday, January 2, 1911
Instruction begins ....................Tuesday, January 3, 1911
Washington's Birthday ................. Wednesday, February 22, 1911
Second Term ends.......................Friday, March 24, 1911

SPRING VACATION.

Third Term registration...............Monday, April 3, 1911
Instruction begins ...................Tuesday, April 4, 1911
Regular meeting, Board of Trustees.... Saturday, April 29, 1911
Memorial Day ............................Tuesday, May 30, 1910
Commencement ..........................Friday, June 9, 1911
Entrance Examinations ................. Monday, September 11, 1911
Registration ..........................Tuesday, September 12, 1911
Instruction begins ....................Wednesday, September 13, 1911
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Ex Officio.

His Excellency, JAMES N. GILLETTSacramento Governor of California.

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MARGARET CHASE, A.B. .......................English

WILLIAM E. COLEMAN..................Poultry Husbandry

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ALBERT D. SINCLAIR..................Gardener

JAMES M. DUFFY.........................Dairyman

WILLIAM P. JOPLIN....................Engineer
LOCATION AND PURPOSE.

The California Polytechnic School is a State institution established at San Luis Obispo under an act of the Legislature of 1901. The government of the school is vested in a board of trustees, consisting of the Governor and Superintendent of Public Instruction as ex officio members, and of five persons appointed by the Governor for a term of four years each. The school is located one and one half miles north of the center of the city of San Luis Obispo, on high ground commanding a beautiful view of town and valley.

"The purpose of the school is to furnish to young people of both sexes mental and manual training in the arts and sciences, including agriculture, mechanics, engineering, business methods, domestic economy, and such other branches as will fit the student for the non-professional walks of life." The school aims to supply a need which is felt not only in California, but also in every other state in the Union. That need is an institution which will give boys and girls a training in the arts and sciences which deal peculiarly with country life—the life of the home, the farm, the orchard, the dairy, and the shop. In this present day, when science is doing so much to unravel the mysteries concerning plant and animal life, it is important that the State provide a school where the facts and principles unfolded by science can be demonstrated to the boy and girl, who will return to their home and make its life more attractive, more livable, and more remunerative. In performing this service the school has in its seven years of activity demonstrated its efficiency in training its pupils for useful citizenship.

BUILDINGS AND EQUIPMENT.

The Farm and Grounds consist of 310 acres of land, the most of which is rolling and typical of a large portion of the coast counties. Thirty acres of rich and level land was added by means of appropriation made by the Legislature of 1907. The farm has a full equipment of tools and machinery, including grain drills, manure spreader, corn harvester, silage cutter and the like. It is stocked with Jersey and Shorthorn cattle, Per-
cheron and Clydesdale horses, Berkshire and Poland-China swine, and fowls of the Buff Orpington, Rhode Island Red, and White Leghorn breeds, all of which are used for class study as well as for their customary purposes.

Main Buildings. The main buildings are two stories in height, with a well-lighted basement. The administration building contains the main office, assembly hall, library, class rooms, and laboratories. The household arts building contains sewing rooms, kitchen, dining room, pantries, botany laboratory, class rooms, and instructors' offices. The other buildings are a power house, carpenter shop, forge shop, machine shop, pumping plant, dairy barn and silo, creamery, propagation house, greenhouse, incubator cellar and poultry houses, swine houses, tool sheds, hay barns, and cottages for employees.

Boys' Dormitory. A building providing single rooms for about fifty boys and two suites of rooms for faculty members was first occupied in the fall of 1909. Commodious baths, a large sitting room with fireplace, steam heat and electric lights offer every needed convenience and comfort. The price for room and board will be $22.50 per month. Boys living at the dormitory are required to furnish a pair of blankets, a light comfort, four sheets, three pillow cases, two dresser scarfs, hand towels and bath towels. All should be plainly marked. Since dormitory accommodations are insufficient to provide for the entire number of boys in attendance, the faculty each year assists students in finding suitable homes in private families. Students living outside the dormitory are required to board in places approved by the faculty.

Girls' Dormitory. A modern building, steam heated and electric lighted, offers a delightful home on the school farm for a limited number of girls and members of the faculty. So far as the capacity of the building will permit, all girls not residents of the immediate locality will be expected to reside at the dormitory. The price for board and room will be $22.50 per month. Rooms are furnished with those articles which can not easily be brought from home. Each girl is required to furnish a pair of blankets, a light comfort, four sheets, three pillow cases, two dresser scarfs, hand towels and bath towels. All linen and towels should be distinctly marked.
Dining Hall. A building 30 by 80 feet, with pantries and kitchen in addition, erected at a convenient location, serves as a central dining hall for residents of the school dormitories.

Creamery. The creamery occupies a new building 40 by 60 feet with engine and boiler room in addition. The building contains independent heat and power, separators of various standard makes, pasteurizer, cream ripener, churns, cheese making apparatus, a complete refrigerating plant of 6-ton capacity—in fact, a complete and varied equipment which not only provides for the manufacturing and handling of dairy products, but also affords an opportunity for comparative study of dairy apparatus. The creamery is in daily operation throughout the entire year.

Shops. Three fully equipped shops, 40 by 100 feet, furnish opportunity for training in wood and iron working. The carpenter shop contains benches and tools for a class of thirty men. A planer, band saw, swinging cut-off saw, power rip saw, and turning lathes are included in the equipment. The forge shop contains sixteen double down draft forges of the latest pattern, accommodating a class of thirty-two men. The machine shop is equipped with eight iron lathes, polishing lathe, universal milling machine, heavy planer, drill presses, shapers, power
emery wheels, cut-off saw, and a variety of high grade finishing tools and measuring devices. All machinery of the various shops is motor driven, electric power being supplied from a complete plant owned by the school and operated in part by student engineers.

Laboratories are well equipped with instruments and apparatus for work in general and agricultural chemistry, physics (including photometry and X-ray apparatus), drawing, electricity, land surveying and irrigation, botany and plant propagation, horticulture, dairy and creamery, sewing, cooking, and poultry incubation and brooding.

The School Library now contains about eighteen hundred volumes, and this number is being steadily increased. In addition to a good collection of standard English works, there is included standard present-day works on agriculture, horticulture, animal husbandry, the household arts, electricity, and various mechanical lines.
## THE COURSES OF STUDY.

Three main lines of work are undertaken by the school, viz.: Agriculture, Mechanics, and Household Arts. The subjects covered and courses of training pursued are outlined in detail on the following pages. In all courses the work is about equally divided between class room and laboratory or shop. A student entering upon a certain course of study is expected to continue the same course throughout the year. The regular courses of study are three years in length, upon the completion of which the student is given a diploma stating the course of study and training pursued.

Regular students, however, beginning with the class which entered in the fall of 1909, will be offered a fourth year of advanced work. This optional fourth year of study and training will consist chiefly of a continuation of the major subjects at present constituting the courses.

The three regular courses of study during the year 1910-'11 will be given as shown on the following pages. The third year as outlined will be followed strictly only by the class graduating in 1911. Slight modification of the present third year work will be operative during the year 1911-12. The first, second, and third terms of the school year are indicated by $a$, $b$, and $c$, respectively. Each school day is divided into nine 45-minute periods. Figures denote the number of periods devoted to the subject per week. When the periods are the same for the three terms, the number is given but once.

### AGRICULTURE.

#### First Year.
- Mathematics I, 5.
- Agriculture I, 5.
- Physical Geography, 5.
- Plant Propagation, 6.
- English I, 5.
- Carpentry, 4.
- Freehand Drawing and Farm Buildings, 8.
- Poultry, 2.

#### Second Year.
- Mathematics II, 5.
- Botany, 6.
- Animal Husbandry I, $a_4$, $c_4$.
- Animal Husbandry II, $a_3$, $b_3$.
- Animal Husbandry III, $c_3$.
- English II, 5.
- Chemistry I.
- Agronomy I, Soils, $a_5$, $b_5$.
- Agronomy II, Fertilizers, $c_5$.
- Farm Buildings, $b_4$.
- Forge, 4.
### Third Year.
- Physics, 7.
- Animal Physiology, 3.
- Mathematics III, 5.

### MECHANICS.

#### First Year.
- Forge Work, 4.
- Mechanical Drawing, 5.
- Physical Geography, 5.

#### Second Year.
- English II, 5.
- Mechanical Drawing, 5.
- Drawing, Mechanical or Freehand, 3.

#### Third Year.
- History and Civics, 5.
- Physics, 6.
- Surveying, 4.

### HOUSEHOLD ARTS.

#### First Year.
- Mathematics I, 5.
- Physiology, 2.
- English I, 5.
- Freehand Drawing, 6.
- Physical Geography, 5.
- Sewing and Dressmaking, 11.

#### Second Year.
- Mathematics II, 5.
- Chemistry, 7.
- Domestic Science I, 3.
- Cooking Laboratory, 8.
- English II, 5.
- Sloyd, a4, b4.
- Millinery, c4.
- Gardening, c4.

#### Third Year.
- Domestic Science II, 3.
- Cooking Laboratory, 8.
- Home Management, b2, c5.
- History, 5.
- Sloyd, a4, b4.
- Botany, 6.
- Mathematics, a5, b3.
- Sewing, c5.

### SUBJECT-MATTER COVERED.

English, Mathematics, History, and Civics are the academic subjects common to all courses. Careful instruction in these subjects is considered essential. Since these branches are found in every high school, suffice it to say that the subject-matter taken up corresponds to the field covered by the high school curriculum, except that history is confined largely to the United States.
AGRICULTURE.

First Year.

**Agriculture I.**—A study of the principles underlying the science of agriculture, including elementary studies in soils, farm crops, and the care and use of farm machinery, and farm animals. Practical talks, field and laboratory work and excursions.

**Physical Geography.**—Study of physical features of land, erosion, etc., and effect upon soil conditions; climatic conditions and their relation to plant growth; how to read and interpret maps. Recitations, lectures, and field observation.

**Plant Propagation.**—A course in practical botany, acquainting the student with plants in all their relations; recitations and lectures; practical work in laboratory, garden, greenhouse, and field.

**Carpentry.**—Care and use of tools, bench and machine work; practical work in the shop and in the construction of buildings, including a course in wall and roof framing.

**Freehand Drawing and Farm Buildings.**—Pencil drawing from plants, fruit, flowers, and still life with study of light and shade; perspective drawing.

Working drawings of common farm buildings.

**Poultry.**—Recitations, lectures, and practical work, study of breeds and breeding, feeding, methods of housing, incubation, brooding, and general management under California conditions.

Second Year.

**Chemistry I.**—General inorganic chemistry, including chemical theory and calculations, a study of all the common elements and their compounds, and limited quantitative analysis.

**Botany.**—General course in practical botany; class room, laboratory, and field work. First term: seed germination, seed testing, study of roots, stems, and leaves, flowers and fruit.
Second term: study of type plants with compound microscope tracing the development of the algae, fungi, bacteria, mosses, ferns, and seed plants. Third term: field work with weeds, grasses, wild plants, plant breeding, plant societies, and economic botany.

**Animal Husbandry.**—Live stock judging, study of market and breed types of domestic animals, actual animals being used as illustrations. Study of breeds; origin and development of the various breeds of live stock with reference to special uses and peculiar adaptabilities of each breed. Live stock management; modern methods of growing, handling, and marketing live stock; lectures and practical work.

**Agronomy I. Soils.**

Elementary study of the physics and chemistry of soils. Includes effect of heat, moisture, cultivation, mulches, and cropping; relation of soil to plant growth; common minerals and mineral elements and their effect on the growth of crops; alkalies, irrigation, drainage, and crop rotation.

**Agronomy II. Fertilizers.**

Study of sources and use of commercial fertilizers; effect of application to various soils and crops.

**Farm Buildings.**—Continuation of working drawings of farm buildings.

**Forge.**—Practice in iron and steel work, including drawing, upsetting, drilling, welding, tempering, and making small tools.

**Third Year.**

**Surveying.**—Open to all third year men for one afternoon per week throughout the year. Time is divided between field work and the drafting room. A good equipment of transits, levels, clinometers, etc., and the large school farm furnish an opportunity for the most practical work. Students learn the use of the instruments, the laying of foundations, running ditches to grade, setting cross section stakes and calculation of...
the earth to be moved, determining the area of fields, and the transfer of all field notes to neat map form in the drafting room.

Agricultural Chemistry and Analysis.—A study of the application of chemical science to modern agriculture. Laboratory practice includes analysis of soils, fertilizers, cattle feeds, dairy products, etc. Library research and preparation of papers on live agricultural topics.


Physics.—General first course in class and laboratory work covering mechanics, heat, electricity, sound and light. Special attention is given the first three topics.

Animal Physiology.—Elementary physiology with special reference to the common diseases of domestic animals.

MECHANICS.

First Year.

Mathematics I, English I, and Physical Geography as noted under academic subjects and Agriculture, first year.

Freehand Drawing.—Pencil drawing from still life; study of light and shade; perspective sketching in pencil; perspective sketching from working drawings of parts of machinery and architectural ornament; pencil drawings of geometric solids; lettering and design.

Carpentry.—A practical course in bench and machine work. Models of joints commonly used in carpentry and joinery. Actual work both in and out of the shop. This course includes grinding and sharpening of tools and saw filing.

Forge Work.—Practice in iron and steel work, including drawing, upsetting, drilling, welding, tempering, and ornamental iron work. Lathe tools and other pieces are made to be used in the machine shop.

Mechanical Drawing.—General instruction in the use of instruments; plates in freehand and mechanical lettering, solution of problems in geometrical construction, with simple plates in mechanical drawing.
Second Year.

Elementary Physics and Electricity.—Class and laboratory work in mechanics of solids, liquids, and gases, fundamental laws and principles of electricity, batteries, simple measurements, etc., with a special view to preparation for the mechanical work of the following year.

Pattern Making and Wood Work.—The course will include lathe work and core box making in elementary forms. Instruction will also be given in the use of the steel square and cabinet work.

Forge and Tool Making.—Practical tool making, including some repair work and the use of the power hammer.

Mechanical Drawing.—Shop drawings from direct measurements of valves, pulleys, shaft hangers, machine parts, and a variety of mechanical models. A limited amount of time may be devoted to freehand drawing if the student so elects.

Third Year.

Steam and Electrical Machinery—This course of class room and laboratory work deals with the wiring, installing, testing and care of general electrical apparatus, operation of steam engines, valve setting, measurement of horse power, the care of steam boilers, and the more common mechanical problems. The laboratory equipment includes a variety of generators, motors, transformers, testing instruments, steam and gas engines, etc. The laboratory work is of the most practical nature, dealing with the most important of the points brought out in the class room. The school power plant is in the same building and is operated by all men in this course.

Machine Work.—Gear cutting, planer work, machine and engine building, construction of models, and general repair work. Special pieces of work assigned to students depending on their choice and skill.

Physics.—Dealing with heat, light, sound, and invisible radiations. Laboratory well equipped with up-to-date apparatus. Work is of same grade as previous year.

Surveying.—See Surveying under Agriculture, third year.
HOUSEHOLD ARTS.

First Year.

Mathematics I, English I, and Physical Geography as noted under academic subjects and Agriculture, first year.

Physiology.—Study of the human body with special reference to the laws of health.

Freehand Drawing.—Pencil drawing from plants, fruit, flowers and still life; study of light and shade; perspective drawing; charcoal, colored chalk, and water color work; lettering, poster work and design.

Sewing and Dressmaking.—Model work to teach various stitches used in hand sewing; use of machines; drafting patterns; cutting and making underclothes, woolen dress skirts, and shirt waists.

Second Year.

Chemistry.—Elements and their compounds; chemistry of fuels; ventilation; cooking; cleaning; removing stains, etc. Designed as a course in the application of chemistry to everyday life.

Domestic Science I and Cooking Laboratory.—A study of all carbohydrate foods,—their sources, chemical composition, cookery, digestion, and economic value. Followed by a similar
consideration of fats and proteids. Study of cleansing agents, ranges, and fuels. Notes, government bulletins, and reference reading. In the laboratory the student makes various preparations of the food considered in the lecture room.

**Sloyd.**—Cardboard work, wood work; care and use of tools; making of simple pieces in wood; elementary mechanical drawing.

![Sloyd. Girls' Work.](image)

**Millinery.**—Wiring, binding, facing and lining hats; making wire and buckram frames and covering same. One term. (Girls of the class of 1912 will substitute dressmaking for this course.)

**Gardening.**—A course designed to acquaint the student with the best garden and ornamental plants, and methods by which plants are commonly propagated and grown.

**Third Year.**

**Domestic Science II and Cooking Laboratory.**—Review of physiology of digestion; composition of the body; metabolism; study of dietaries; actual making of a dietary for an adult, for a child, and for a family; planning meals at minimum cost. In
the laboratory preservation of fruit; making bread, pastry, cake, desserts; invalid cookery; table setting and serving. Each girl plans, prepares, and presides as hostess at a luncheon to which she invites friends, other members of the class acting as waitresses.

**Home Management.**—Sanitation, home economics, house furnishing, home nursing and emergencies. Sanitary construction of houses; systematic housekeeping; sanitary, economical and artistic house furnishings. Lectures, readings, excursions.

**Laundering.**—Included with Domestic Science II. Methods of cleansing and agents used; water, hard and soft; methods of cleansing woolens, silks, and laces. Practical work is given with the theory.

**Sloyd.**—Cardboard work, wood work; care and use of tools; making of simple pieces in wood; elementary mechanical drawing.

**Botany.**—General course in elementary botany; recitations and lectures on the structure, development, and form of plants; practical work in the laboratory and field. Type studies of groups of plants and collection of herbarium specimens.

**Sewing.**—One term of practical dressmaking.

**SHORT COURSE IN DAIRYING AND ANIMAL HUSBANDRY.**

A four weeks' course in Dairying and Animal Husbandry to open on or about January 2, 1911, may be expected. This course will be open to any one desiring practical instruction in the subjects covered, but will be particularly useful to the busy dairyman or farmer who can spare but a limited time from home. A large portion of each day will be devoted to practice work in the creamery and this will be supplemented by lectures on milk production, testing, and manufacture of dairy products. The new creamery with its complete equipment provides excellent facilities for this work. A course of lectures will also be given on breeding, feeding and judging dairy cattle, with ample time set apart for practical work in judging. Further information will be sent upon request.
ADMISSION AND CLASSIFICATION OF STUDENTS.

The school is open to any boy or girl upon the following conditions:

Applicants must be at least fifteen years of age, and must give satisfactory evidence of good moral character and of good behavior.

Applicants thus qualified will be admitted without examination upon presenting a Diploma of Graduation from any grammar school (eighth grade) of the State.

Applicants who do not hold a grammar school certificate, but who submit a recommendation from their last teacher or their Superintendent of Schools, will be admitted upon satisfactorily passing an examination in English, arithmetic, United States history and geography. The examination in English will consist of a test of the applicant's ability to write and spell; in arithmetic, it will include fractions, decimals and percentage; in history and geography, the leading facts as covered in the usual grammar school course. The examination for 1910 will be held in the school buildings on Monday, September 12, at 1:30 P. M.

Applicants should enclose their grammar school certificate send their recommendations with their application for admission. All applications for admission to the school must be made on the regular form as found in this circular and should be sent to the Director of the school not later than September 10, 1910.

Applicants who expect to be admitted upon examination must send their recommendations at the same time with their application for admission. All applications for admission to the school must be made on the regular form as found in this circular and should be sent to the Director of the school not later than September 10, 1910.

School is held five days a week—from Monday to Friday inclusive. When found necessary, Saturday is used for shop, laboratory, or field work. The hours for recitation, shop, field, and laboratory work are from 8:15 to 12 and 1 to 4.
Regular Students. A regular student is one who is admitted to full standing upon a Diploma of Graduation from a grammar school or upon passing an equivalent entrance examination and who takes one of the full courses of study as heretofore outlined. All students are advised to register as regular. The essential qualifications are easily obtained by all, and the student will receive much more benefit from attendance upon the school if he or she follows the regular course of study, which has been carefully planned by the faculty.

High School Graduates. Since this institution is of like grade to the high schools, it follows that our academic work is of a somewhat similar nature to that of the high school. Graduates of high schools will, therefore, be given credit for work done elsewhere, such as English and mathematics. Students who have not been graduated from a high school, but who have been in attendance therein for one year or more, may be given credit for academic work for which proper credentials are presented. Entrants who have completed two full years of high school work should complete in two years the Polytechnic requirements for graduation.

Special Students in Agriculture. Those who do not feel that they can take the full course in Agriculture, but who desire a training in the more practical subjects of the course, may elect such subjects as they are qualified for. They must be at least eighteen years of age and possess the same educational qualifications as those who enter for the full course. A list of studies is given below, from which they may choose, subject to the approval of the faculty. One or two full years' work may be very profitably selected from this list.

GENERAL INFORMATION.

Expenses. No tuition fees are charged. The student is expected to pay for the materials used in the shops and laboratories. To cover these expenses all students, except first-year girls, are charged $15 per year, regardless of the course of study pursued. This fee is payable in three installments of $5 each on registration days of the three terms. Regularly enrolled first-year girls are charged $10 per year. The fee is payable in three installments, $4 on registration day of the first term, and $3 the second and third terms.

The materials supplied under such payment are chemicals, wood, gas, iron, drawing paper, and the like. At the time of registration a deposit of $5 is required from each student to pay for individual* breakage of tools and apparatus. Such portion of the deposit as is not needed to cover breakage will be returned June 9, 1911. Students are required to furnish their
own books, drawing instruments, and special clothing, such as overalls, etc., needed in the shops and laboratories.

An additional deposit of $2.50 is required of each student residing in the dormitories, to pay for possible damage to his room or to the building. Each student is held responsible for the condition of his room and its furniture. The unused portion of this deposit is returnable at the end of the school year.

The total cost of books, supplies, and drawing instruments, together with laboratory fee, will amount to about forty dollars for the first year. Of this amount ten to twenty dollars, depending upon the course of study pursued, is needed at the beginning of the school year. Drawing instruments will last during the entire course. Books and other supplies may be purchased at reasonable prices in San Luis Obispo. The total expense of a nine months' year, not including railroad fare, will vary from $240.00 to $300.00.

**Room and Board** may be secured in private families in San Luis Obispo at from $20 to $25 per month. There is opportunity to rent furnished rooms for light housekeeping. Students must board at places approved by the faculty.

**Self-Support.** A limited amount of employment about the school farm and buildings can be given more or less regularly to a few students who find it necessary to earn a portion of their expenses while attending the school. No remuneration will be made for manual work of any kind which carries instruction with it. Some students pay a part of their living expenses by means of employment found in San Luis Obispo, chiefly with private families, caring for lawns, gardens, or doing housework.

No student should come to school expecting to pay his entire expenses by labor during the school year. The school work occupies the most of the day, and the evenings are required to prepare the lessons for the following day. Provision may be made, however, for students who need to do much work in order to pay their way, whereby they may take less than the full school curriculum and thus be a longer time completing the course.

**Reception of New Students.** A reception committee composed of old students regularly organized by the Y. M. C. A. will meet all trains at the opening of the school year. New
students will be assisted in finding their way to the school and to their new homes, in registering, and in becoming acquainted with the surroundings of the school and its activities. Student committees of the Polytechnic Y. M. C. A. are also organized for the purpose of assisting deserving students in securing employment and for caring for the sick.

**Debate and Public Speaking.** A series of debates between the Polytechnic School and local high schools serves to stimulate interest in practical public speaking. Students in the English department are also asked from time to time to present papers on subjects of current interest. Student organizations such as the Agricultural Club and the Anapaola Club (for girls) likewise provide opportunity for practical training in public speaking.

**Associated Student Body.** A general association officered by students, under the guidance of faculty advisers, has charge of athletics, the student publication, *Polytechnic Journal*, inter-scholastic debates and various social activities. The object of the organization is regulation and management of student activities outside of the regular curriculum. The plan is a marked success. The Student Body fees are one dollar a term for boys and fifty cents a term for girls. While no student is required to join the association, membership is strongly advised.

**Playgrounds.** The playgrounds are ample and include baseball diamond, excellent running track, basket ball and tennis courts. The Polytechnic is a member of the San Luis Bay Athletic Association, and participates with the other schools in football, baseball, basket ball, tennis, and track events.

**Discipline.** It is expected that all persons who attend this school have an earnest purpose to make the best use of their time while in attendance. It is expected, therefore, that their behavior will always be exemplary in school and in the town. Failure to do the work laid out by the school or neglect to con-
duct one's self as a lady or gentleman will result in the suspension of the guilty student. The parent or guardian will be notified of any disobedience or misconduct on the part of the student.

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Correspondence concerning the school should be addressed to the Director of the California Polytechnic School, San Luis Obispo, Cal.
In the Carpenter Shop.

Forge Shop.
### STUDENTS 1909-10.

**ABBREVIATIONS.**—A, Agriculture; H, Household Arts; M, Mechanics; S, special student. The year in the course is indicated by the numerals.

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
<th>Course</th>
<th>City</th>
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<tbody>
<tr>
<td>Anderson, Charles</td>
<td>1 M</td>
<td>M</td>
<td>Los Angeles</td>
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<tr>
<td>Andrews, John Pinkney</td>
<td>1 A</td>
<td>A</td>
<td>San Luis Obispo</td>
</tr>
<tr>
<td>Awl, Elmer McClay</td>
<td>2 A</td>
<td>A</td>
<td>Pasadena</td>
</tr>
<tr>
<td>Baker, Charles Philip</td>
<td>2 M</td>
<td>M</td>
<td>San Luis Obispo</td>
</tr>
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Sheppard, John ................................. 1 A.................. Metz
Shipsey, Marguerite .............. 1 H................ San Luis Obispo
Shipsey, William T.................. 1 M................ San Luis Obispo
Sibley, Cassius B................... 1 A.............. San Bernardino
Sinclair, Ethel May .................. 1 H................ Estrella
Smith, William Leland............... 1 A............. Fairoaks
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Southard, Fred ...................... 2 M................ Edna
Steiner, Emma ...................... 1 H................ San Luis Obispo
Strobridge, James Harvey........... 1 M................ San Lorenzo
Swartz, Charles ...................... 1 M................ Nipomo
Swerdfeger, Lawrence.............. 2 A................ Calexico
Tanner, Clifford Gilbert ........... 1 A............... Morro
Taylor, John Stein................... 3 M................ Chico
Taylor, Verne Ivan ................. 2 M................ Chico
Tomasini, Florinda ................. 1 H................ San Luis Obispo
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Thompson, Fred Gordon.............. 1 A................ Campbell
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Toy, Hugh Daniel ...................... 1 M.............. Santa Maria
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Turri, Joseph ....................... 1 A.............. San Luis Obispo
Van Couvering, Martin.............. 1 A................ Riverside
Wade, Howard Clark............... 1 M.............. San Luis Obispo
Wallace, Mrs. Dorothy F........... 1 A................ Kansas City, Mo.
Webb, Elmer ............................... 1 M................ Escondido
Weymouth, Merton Willard........... 1 A............ Pacific Grove
White, Lester Eugene............... 2 M.............. Livingston
Williams, Ray ......................... 1 M.............. Deer Lodge, Mont.
Willoughby, James Russell......... 2 A................ Los Angeles
Wolfson, Wilbur Calahan......... 1 M................ Bernardo
Word, Alice ................................ 1 H................ San Luis Obispo
Wyss, Selma E............................... 3 H............. Kiala
Yates, Ernest E......................... 3 A................ Elsinore

SHORT COURSE IN DAIRY HUSBANDRY.

Beck, Neil Jepson.............. Laton
Dutchler, Harry Oscar............ Lakeport
Goatley, John Langford........... Petaluma
Lopez, Manuel.................... San Luis Obispo
Lyman, John Samuel.............. Arroyo Grande
Pedley, Elmer Charles........... Pomona

Enrolled in regular courses........................................ 150
Enrolled in short course in dairy husbandry.......................... 6
Enrolled in special short course in cooking.......................... 17

Total number receiving instruction................................ 173
APPLICATION FOR ADMISSION

Date................................

Name in full..................................

Residence..................................

Date and place of birth..................

Course of study desired..................

Parent or guardian will approve this application by signing below.

...........................................

(Business address.)

CERTIFICATE FROM SCHOOL LAST ATTENDED

The above-named applicant................enrolled in the

................................. School..........................

completed .......................................................... grade

with the following record: Scholarship, ....................

Deportment, .................... Attendance, ....................

Dated at ........................................, 19...

I hereby recommend ......................... as a desirable

student for the California Polytechnic School.

...........................................

(Teacher, Principal, or Superintendent.)

*Detach and mail to the California Polytechnic School,
San Luis Obispo.*
SAN LUIS OBISPO, a city of 5,500 people, is on the coast line of the Southern Pacific Railway, 250 miles south of San Francisco and 225 miles north of Los Angeles. There are provided six daily trains from San Francisco and five from Los Angeles. Port San Luis, ten miles distant, is the harbor from which the Pacific Coast Railway passing through the city reaches 90 miles into the interior southward.

The climate of San Luis Obispo is a pleasing combination of sea and mountain air, moderate in temperature both summer and winter. The ocean shore ten to twelve miles distant and picturesque mountains surrounding the town make the home of Polytechnic School a delightful residence section of the State.

San Luis Obispo has churches representing the following denominations: Baptist, Catholic, Christian Science, Congregational, Episcopalian, Lutheran, Methodist, and Presbyterian, all of which welcome students who wish to find a church home during their residence at the school. The Catholic congregation occupies the famous Mission San Luis Obispo de Tolosa, established by Father Junipero Serra in 1772.

A free public library established in 1897 now contains six thousand bound volumes and seven thousand unbound pamphlets and magazines. It occupies a $10,000 library building, which is the gift of Mr. Carnegie. Students in the Polytechnic School are granted equal privileges in the library with the residents of the city.