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BULLETIN

THE SAN DIEGO STATE NORMAL SCHOOL

Volume II

APRIL, 1914

No. 1

SUMMER SESSION

JUNE 30—AUGUST 7, 1914

ANNOUNCEMENTS FOR 1914-1915



PUBLISHED QUARTERLY BY THE STATE NORMAL SCHOOL OF SAN DIEGO
SAN DIEGO, CALIFORNIA

CALIFORNIA
STATE PRINTING OFFICE
1914

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Part I

General Information and Announcements
for 1914-1915

Part II

Announcements and Synopsis of Courses
Summer Session, 1914



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SAN DIEGO, CALIFORNIA

Entered as second class matter, April 15, 1913, at the post office, San Diego, Cal., under the
Act of August 24, 1912

CALENDAR 1914-1915.

June 27, 29, Registration Days, Summer Session.

June 30 to August 7, Summer Session.

September 1 to 7	- - - - -	Registration week
September 8	- - - - -	Normal school class work begins
September 14	- - - - -	Training school class work begins
November 13	- - - - -	End of first quarter
November 26-29	- - - - -	Thanksgiving recess
December 19	- - - - -	Holiday recess begins
January 3	- - - - -	Holiday recess ends
January 28	- - - - -	End of second quarter
January 29, 30	- - - - -	Mid-year registration
February 1	- - - - -	Mid-year class work begins
April 2	- - - - -	End of third quarter
April 3 to 11	- - - - -	Spring recess
April 12	- - - - -	Last quarter begins
May 1	- - - - -	Dedication day
June 11	- - - - -	Normal school class work ends
June 16	- - - - -	Training school class work ends
June 16	- - - - -	Senior class day
June 17	- - - - -	Commencement

PROGRAM OF CONFERENCE WEEK.

Registration is completed in the week, September 1st to 7th.

In the school week beginning September 8th, the preliminary teaching conferences are held, and regular class work is begun in the Normal School.

BOARD OF TRUSTEES.

HIS EXCELLENCY HIRAM W. JOHNSON	- - -	Governor
		Ex officio.
HON. EDWARD HYATT	-	Superintendent of Public Instruction
		Ex officio.
ISIDORE B. DOCKWEILER	- - - - -	Los Angeles
HON. M. L. WARD	- - - - -	San Diego
WILLIAM E. RANDALL	- - - - -	Brawley
WILLARD B. THORP	- - - - -	San Diego
ERNEST E. WHITE	- - - - -	San Diego

OFFICERS OF THE BOARD.

HON. M. L. WARD	- - - - -	President
GLADYS F. KELLY	- - - - -	Secretary

EXECUTIVE COMMITTEE.

HON. M. L. WARD,	ERNEST E. WHITE,
WILLARD B. THORP.	

OFFICERS OF ADMINISTRATION.

NORMAL SCHOOL.

EDWARD L. HARDY	- - - - -	President
W. F. BLISS	- - - - -	Dean of Normal School and Registrar
MRS. ADA HUGHES COLDWELL	- - - - -	Acting Preceptress
FLORENCE BRYANT	- - - - -	Assistant Registrar
MRS. CHARLOTTE G. ROBINSON	- - - - -	Librarian
DR. CHARLOTTE J. BAKER	- - - - -	Medical Examiner
GLADYS F. KELLY	- - - - -	Office Secretary
MRS. AGNES BRUNDIN	- - - - -	Faculty Secretary

TRAINING SCHOOL.

GERTRUDE LONGENECKER	- - - - -	Director
MIRIAM E. BESLEY	- - - - -	Principal, Elementary School
GERTRUDE LAWS	- - - - -	Principal, Intermediate School
EDITH McLEOD	- - - - -	Intermediate School
EDITH HAMMACK	- - - - -	Assistant, First Grade
PAULINE T. BLACK	- - - - -	Assistant, Second Grade
CAROLINE I. TOWNSEND	- - - - -	Assistant, Third Grade
ALICE GREER	- - - - -	Assistant, Fourth Grade
EDITH H. RINGER	- - - - -	Assistant, Fifth Grade
NELLIE B. SEBREE	- - - - -	Assistant, Sixth Grade

GROUNDS AND BUILDINGS.

FRED W. VAN HORNE	- - - - -	Head Janitor
ERNST WIEDENHOFF	- - - - -	Assistant Janitor
GEORGE AVERBECK	- - - - -	Assistant Janitor
J. M. TURNER	- - - - -	Engineer
MARTIN ROTH	- - - - -	Head Gardener
OTTO YOUNG	- - - - -	Assistant Gardener
JOHN HUDSON	- - - - -	Watchman

FACULTY.

EDWARD L. HARDY, PRESIDENT	- - - - -	School Administration
B.S., University of Wisconsin; graduate student, University of Chicago; study of European secondary schools, 1898-1899; Principal San Diego High School, 1906-1910.		
W. F. BLISS, DEAN OF NORMAL SCHOOL	- - - - -	History and Civics
B.S., Mount Union; B.L., M.L., University of California; Vice-Principal and Instructor in History, High School, Santa Barbara, Cal., 1899-1900; Teaching Fellow, University of California, 1908-1909. (Appointed September, 1900.)		
GERTRUDE LONGENECKER	- - - - -	Head Department of Education
M.A., University of Chicago. Formerly head of Department of Practice Teaching and member of Department of Education, State Normal School at Kirksville, Mo.; member of Department of Education, Chicago Normal School; special lecturer, Illinois State Normal University. (Appointed September 1, 1912.)		
MIRIAM E. BESLEY	- - - - -	Vocational Education
Ph.B., A.M., Wellesley College and University of Chicago; Superintendent City Schools, Waukegan, Ill.; study of English and European elementary schools, 1902-1903; special investigator of vocational guidance and pre-vocational education, Chicago, 1911-1913. (Appointed September 1, 1913.)		
JANE BUTT	- - - - -	English and Expression
A.B., University of Wisconsin; B.O., Northwestern University; Instructor in the University of Wisconsin; "Otos Skinner" Dramatic Company; Instructor Cumnook School of Expression, Los Angeles; Sub-head Department of Expression, Los Angeles High School.		
MRS. ADA HUGHES COLDWELL,		Head Department of Household Economics
Special study, Europe, 1899-1900; Special Student in Domestic Science, Teachers' College, Columbia University, New York City, 1907. (Appointed June, 1907.)		
GEORGIA V. COY	- - - - -	Biology and Physical Education
State Normal School, San Diego; B.S., Columbia University. (Appointed September, 1912.)		
MAREA R. GODDARD	- - - - -	Spanish and French
A.B., Knox College, 1911; Student University of Wisconsin, 1910; Instructor of Spanish and French, Ball High School, Galveston, Texas, 1911-1912. (Appointed September 1, 1912.)		
ROSE E. JUDSON	- - - - -	Music
Supervisor of Public School Music, Elgin, Ill. (Appointed September 1, 1911.)		
JEAN KRUEGER	- - - - -	Household Economics
Ph.B., University of Chicago; Home Economics diploma, University of Chicago; three years a teacher in the Indianapolis public schools; one year in the Technical Normal School of Chicago. (Appointed July 1, 1913.)		

- EMILY O. LAMB - - - - - *Drawing*
State Normal School, Brockport, N. Y.; Normal Art Course, Pratt Institute, N. Y.; Department of Drawing, Cumberland Valley State Normal School, Pa., 1897-1899; Supervisor of Drawing in grade schools and High School, Santa Barbara, Cal., 1900-1904. (Appointed July, 1905.)
- GERTRUDE LAWS - - - - - *Principal Intermediate School*
Graduate State Normal School, San Diego; departmental teacher, city schools of San Diego. (Appointed September 1, 1913.)
- IRVING E. OUTCALT - - - - - *Head Department of English*
A.B., Stanford University, 1896; A.M., 1897, University of Illinois; Head Department of English, San Diego High School, 1907-1911. (Appointed September 1, 1912.)
- ERNEST L. OWEN - - - - - *Director of the Orchestra*
Northwestern University; B.S., Westfield College; Oberlin Conservatory of Music.
- RALPH S. ROBERTS - - - - - *Manual Training*
Iowa State Teachers' College; instructor in Virgil Street Intermediate School, Los Angeles. (Appointed September 1, 1913.)
- W. T. SKILLING - - - - - *Agriculture and Nature Study*
State Normal School, Los Angeles, Cal.; M.S., University of California; teacher in public schools, Los Angeles, Cal., several years; Assistant in Physics, University of California, 1899-1901. (Appointed September, 1901.)
- JESSIE RAND TANNER *Head Department of Physical Education*
Graduate, Boston Normal School of Gymnastics; B.S., Columbia University; Bachelor's Teaching Diploma, Teachers' College, Columbia University; Tutor, Brookline, Mass., 1901-1902. (Appointed July, 1904.)
- CAROLINE I. TOWNSEND - - - - - *Primary Education*
Ph.B., University of Chicago; Indianapolis Normal School; Teachers' College, Columbia University; teacher of primary reading and literature in the public schools of Indianapolis and Tacoma. (Appointed July 1, 1913.)
- EMMA F. WAY* - - - - - *Preceptress*
Grand River Institute, Ohio; Preceptress, Grand River Institute, 1877-1878; Principal, Southwest Institute, San Diego, 1887-1898. (Appointed October, 1898.)
- J. F. WEST - - - - - *Mathematics*
A.B., Stanford University; graduate student, Harvard; teacher, rural schools of Illinois, 1885-1888; Principal, Compton schools, California, 1888-1893; Principal, Paso Robles High School, 1893-1896. (Appointed July, 1900.)
- JAMES G. WILKINSON - - - - - *Biological Sciences*
B.S., Northwestern University; Instructor in Biology, Central State Normal School, Lock Haven, Pa., 1907-1908; Instructor in Biology, State Normal School, Superior, Wisconsin, 1910-1911. (Appointed September, 1913.)

*On leave of absence, 1913-1914.

Special Instructors, Summer Session, 1914.

In addition to the regular faculty, the following will give special courses at the summer session of 1914:

- VINNIE B. CLARK - - - - - *Geography*
A.B., University of Wisconsin; graduate student, University of Chicago; assistant in geography, University of Wisconsin; Oak Park, Ill., High School, 1913-1914.
- BESSIE E. HAZEN, A.B. - - - - - *Drawing*
Instructor in Art, State Normal School, Los Angeles.
- Handwork*-----
- ROBERT H. MANZECK - - - - - *Physical Education*
Graduate Normal College, North Gymnastic Union; Physical Director, Concordia Turnverein, San Diego.
- ROSE M. BENNETT - - - - - *Æsthetic Dancing*
A.M., Stanford University.
- ROSALIE G. EDWARDS - - - - - *Spanish*
A.B., A.M., University of Missouri; Instructor in Spanish, San Diego High School.

SPECIAL LECTURERS.

ANNOUNCEMENT.

Through the good offices of Mr. W. C. Crandall, Business Manager of the Scripps Institution of Biological Research of the University of California, and with the cooperation of the extension lectures division of the University, a series of university extension lectures is being arranged which will be open to students of the summer session and the general public at a very nominal extra fee.

The subjects to be covered will include sea food products, social problems in the light of biology, climatology, oceanography and biometrics. The lectures in biometrics will be of special interest to all concerned in the problem of a scientific foundation for education.

The staff of lecturers will have at its head Dr. W. E. Ritter, Director of the Scripps Institution and distinguished biologist, assisted by such competent scientists as Dr. F. B. Sumner, Dr. C. A. Kofoid, Dr. G. F. McEwen, Dr. Ford A. Carpenter, Mr. E. L. Michael, M.S., and Mr. W. C. Crandall, A.B.

NOTE.—Other special lectures will be arranged for from time to time.

HISTORICAL.

The State Normal School of San Diego was established by the legislature of the State March 13, 1897. It has occupied the present site since May 1, 1899. During the fifteen years of its existence it has graduated eight hundred students. In September, 1910, the Training School was moved from the main building to a new building erected on the campus at a cost of \$55,000, including equipment. Adequate equipment for out-of-door work was added in 1913.

REQUIREMENTS FOR ADMISSION.

Candidates for admission must be at least sixteen years of age, of good moral character, and physically healthy.

All applicants for admission must sign the following declaration:

I hereby declare that my purpose in seeking admission to the State Normal School of San Diego is to fit myself for teaching, and that I intend to teach in the public schools of California, or of the State or Territory in which I may reside.

Applicants will be admitted as follows:

(a) Recommended graduates of accredited secondary schools of California.

(b) Graduates of secondary schools outside of California, provided their credentials are the equivalent of recommended graduation from a California secondary school.

(c) Applicants partially recommended, and graduates of non-accredited high schools, will be admitted conditioned upon making up deficiencies, either by examination or by class work, at the option of the department concerned.

(d) Applicants presenting credentials from other normal schools and institutions of the college grade will be assigned to such advanced standing as, in the judgment of the Committee on Advanced Standing, their credentials may warrant.

(e) Teachers of experience not candidates for graduation will be admitted as visiting teachers for the purpose of doing special work.

(f) All applicants will be examined in literacy, and any applicant found deficient in ability to read with clear and pleasing expression, to write a good theme, and to show a reasonable degree of knowledge of current events and modern thought, will be either refused admission or required to make up his deficiency.

Subjects are not prescribed as prerequisite to admission, except as follows:

English—Three or four years in the high school, or two years of English and two years of a foreign language.

A laboratory science—Taken in the third or fourth year of the high school.

Arithmetic—A review of, in the high school or in this school.

American History—Taken in the third or fourth year of the high school.

Deficiencies in these prerequisites may be made up in special classes.

* * * *

ADVANCED STANDING.

Experienced teachers holding grammar-school or first-grade certificates will be admitted to the Normal School upon presenting such certificates together with satisfactory letters of recommendation. They will receive such credit as their preparation and *successful* experience may warrant. On the other hand, they will be required to make up such deficiencies as their work in the school may reveal.

Credits for successful teaching may be given on the following basis:

For 5 or more years.....	4 teachings or 14 units
For 3-5 years.....	3 teachings or 10½ units
For 2 years.....	2 teachings or 7 units
For 1 year.....	1 teaching or 3½ units

Less than one year in teaching will not be recognized.

A unit is defined as the equivalent of 1 hour of work a week pursued for 18 to 20 weeks.

One year of teaching will be interpreted to mean not less than eight months.

Credits obtained in the State Normal Schools of California or other states, or in colleges and universities of recognized standing, will be honored so far as they cover the work of the regular course of study in this school.

The Committee on Advanced Standing, in arranging programs for students admitted under the foregoing conditions, will first provide for courses in Education, adding other branches to complete the required number of hours.

REQUIRED FOR THE DIPLOMA.

Twenty to twenty-three hours per week for four semesters.
Orchestra to be given credit as two hours a week.

Students intending to enter either the University of California or Leland Stanford Junior University may substitute (as arranged), for other subjects, two years of French or Spanish.

* * * *

RECOMMENDATIONS.

All candidates for admission must present one or two letters of recommendation from responsible people—former teachers, where possible. Applicants from other normal schools, or schools of equivalent grade, must file with the registrar honorable dismissal certificates, signed by the proper authorities of the schools or colleges last attended by the applicants. Each honorable dismissable certificate should state the educational record of the applicant.

* * * *

HALF-YEAR COURSE FOR CANDIDATES FOR THE HIGH SCHOOL CERTIFICATE.

I. Teaching at least two secondary classes a day for one semester under supervision, together with preparation of detailed lesson plans and outlines.

At least 10 hours per week for one semester.

II. Teaching conferences.

2 hours per week for one semester.

III. Assigned readings, reports and discussions, relating to the fundamental principles of both elementary and secondary education.

3 hours per week for one semester.

* * * *

FOREWORD.

The main purpose of the Normal School is to prepare proper persons to teach in the public schools of this State. No one unsuited to this service because of temperament, or because of ill health or physical disability, should apply for admission. The standards of the teaching

profession are higher each year, not alone in scholarship, but especially along the lines of personal power and general culture. It is the aim of the school to furnish the student both opportunity and help in acquiring the preparation which he needs to become a successful teacher.

Students will be admitted to practice teaching in the Training School only by vote of the faculty.

* * * *

APPOINTMENT SERVICE.

An appointment department is maintained by the school, the principal purpose of which is to assist superintendents and trustees in securing teachers suited to their needs. Not only are recent graduates aided and directed in their efforts to secure positions, but the department aims to keep in close touch with all the alumni of the school and to assist them in all their worthy aspirations.

The normal schools of the State as yet have not been able to supply the demand for professionally trained teachers, although in some instances there may appear to be a superabundant number of applicants. This is largely owing to the unsystematic and unrestrained manner in which campaigns for positions have hitherto been conducted. The appointment departments of normal schools and colleges are striving with success to remedy these conditions, to prevent misfits, to eliminate unprofessional conduct in seeking positions, and to assist in making the business of teaching truly a profession.

* * * *

EXPENSES.

Students are required to furnish their own text-books. Tuition is free in all departments. A matriculation fee of five dollars will be charged students taking special courses, and small fees are charged for materials used in laboratory courses. The Associated Student Body fee is \$1.00 each semester.

The school has no dormitories, but rooms and board may be obtained at reasonable rates in suitable homes, recommended by the Preceptress of the School, where proper supervision will be exercised. The Preceptress must be consulted before boarding places are selected. Letters of inquiry may be addressed to her at any time, and she will be found in her office one week before the opening of the school.

RIGHTS OF GRADUATES.

The rights and privileges of graduates of California State Normal Schools are defined in section 1503 of the Political Code, the principal features of which are as follows:

The Board of Trustees of each State Normal School, upon the recommendation of the Faculty, may issue diplomas of graduation to those students who worthily complete the full course of study and training prescribed.

Said diploma shall entitle the holder thereof to a grammar-school certificate from any county or city and county board of education in the State.

Whenever any county or city and county board of education shall present to the State Board of Education a recommendation showing that the holder of a California State Normal School diploma has had a successful experience of two years in the public schools of this State subsequent to the granting of such diploma, the State Board of Education shall grant to the holder thereof a document signed by the President and Secretary of the State Board, showing such fact. The said diploma, accompanied by said document of the State Board attached thereto, shall become a permanent certificate of qualification to teach in any primary or grammar school in the State.

Graduates of a State Normal School desiring, either immediately or after a few years' experience in teaching, to continue their studies at the State University or at Leland Stanford Junior University, may enter either of these institutions with advanced credit. To obtain this credit it is necessary to present with the diploma of graduation a special recommendation from the Normal School Faculty.

* * * *

EQUIPMENT.

The library contains over twelve thousand carefully selected volumes, and is supplied with the standard periodicals.

The physics, chemistry, biology, and domestic science laboratories are thoroughly equipped with the most modern apparatus.

The room for drawing is a large room, 50 by 50 feet, with a northern exposure, thus insuring a steady light, and is well supplied with reference books, photographs, casts, and objects for still-life study.

The gymnasium, located in the west wing, is a large room, 36 by 74 feet and 18 feet high. The equipment, intended for the Ling or Swedish system of gymnastics, is ample to meet all requirements of the course in physical education.

A lath house, a cloth house, and other facilities for work in elementary agriculture and horticulture have been provided, and ground upon the campus, additional to the school garden, has been prepared for agricultural experimentation, including irrigation.

During the summer of 1913, shops for manual training in woodwork were added. They include wood-working machinery, bench rooms, and a room for mechanical drawing and elementary handwork.

* * * *

ATHLETICS.

The school buildings are located on a mesa three hundred and fifty feet above the bay and are surrounded by a campus of sixteen and one half acres, which affords large opportunities for out-of-door sports and games. There are three tennis courts of decomposed granite, and separate courts for basket ball and captain ball. Tennis is the ever-popular game, while other games come and go with the seasons.

The sports of the students are under the direction of a Faculty committee working with the Department of Physical Education.

The Rowing Association, which was formed early in the history of the school, presents the most active phase of student athletics. This association, which consists of six crews, owns a well-equipped eight-oared barge. Each crew has its student officers and its regular day for rowing. The superior officers are a commodore and a business manager chosen from the Faculty.

A large and thoroughly modern playground has been constructed on the campus north of the Training School. It contains an enclosed yard equipped with the best apparatus for the younger children of the Training School, and an athletic field, with track, baseball diamond, football field, etc., for the older boys.

* * * *

THE CLIMATE OF SAN DIEGO.

From the Records of the U. S. Weather Bureau.

Since the beginning of meteorological records, the temperature has averaged less than one hour per year above 90 degrees. The thermometer has but once gone below 32 degrees, although the records extend back to 1871.

The annual rainfall in San Diego averages ten inches. Back from the coast, the rainfall increases to over forty inches. It is in this well-watered region that the magnificent water supply of San Diego is located.

The sea breeze keeps San Diego cool in summer and warm in winter, and the near-by mountains and desert give it a dry marine climate. The wind averages five miles per hour throughout the year.

The sun shines in San Diego on an average of 356 days a year. The photographic sunshine recorder shows that for over twenty years there has been an average of less than nine days a year without one hour or more of sunshine.

Temperatures are usually shown on a globe by lines which pass through regions of the same degree of heat or cold. Red lines of 60 degrees and 70 degrees, showing the summer temperature at San Diego, also inclose Alaska and Siberia. Blue lines of 50 degrees and 60 degrees, showing the winter temperature at San Diego, inclose Egypt and Arabia. Thus San Diego may be said to have Alaskan summers and Egyptian winters.

* * * *

COURSE OF STUDY.

NOTE.—Eighty semester units (hours) of credit are required for graduation. Electives may be taken only after credits for required subjects, on the basis of previous equivalent work, have been granted by the registrar.

FIRST YEAR, JUNIOR SUBJECTS.

JUNIOR B.		JUNIOR A.	
	Hours.		Hours.
Education I	3	Education II	3
English I (or elective).....	3	English II	3
Arithmetic (or elective).....	4	Biology (or elective).....	3
Drawing I	4	Elementary Manual Training	
Music I	3	and Nature Study.....	3
Physical Education I.....	1	Physical Education II.....	1
		Applied Sociology	1
		Methods	4
		Elective	3
	18		21

SECOND YEAR, SENIOR SUBJECTS.

SENIOR B.		SENIOR A.	
	Hours.		Hours.
Teaching I and II.....	5	Teaching III and IV.....	5
Physiology (or elective).....	4	Teaching V and VI or Teach-	
Geography (or elective).....	3	ing V and elective.....	5
History I, or Literature I or II	3	Education IV and V.....	3
Conferences	2	Contemporary History II or	
Methods	1	Literature II	3
Elective	3	Conferences	2
		Physical Education IV.....	2
	21		20

ELECTIVES.

	Hours.		Hours.
Literature I	4	Elementary Chemistry	4
Literature II	3	Domestic Chemistry	4
The Short Story.....	2	Cookery and Dietetics.....	5
*French I	3	Sewing	3
*French II	3	Elementary Manual Training..	4
Spanish I-IV, each.....	5	Woodwork, I, II, each.....	3
Dramatization of History and		Woodwork III	6
Literature	3	Mechanical Drawing I and II,	
Education III	3	each	3
Primary Education	3	Freehand Drawing II.....	3
Vocational Education	3	Music II	2
Library Methods	3	Vocational Arithmetic	2
Rural School Problems.....	3	Agriculture I and II, each....	3
Geography II	3	Plays and Games.....	2

*Open to those who have had two years of French.

The work in English I and II consists of expression, and a study of the literature suitable for reading in the elementary school.

Special work for the removal of deficiencies in entrance requirements will be offered, as follows:

- English (reading, composition, grammar). 5 hours for one semester.
- Arithmetic (review of, etc.). 5 hours for one semester.
- American History. 5 hours for one semester.
- Chemistry or Physics. 5 hours for one semester.

DEPARTMENTAL COURSES.

These courses, requiring the equivalent of three years of work and made up of correlated electives arranged in consultation with the registrar, may be taken by qualified undergraduates, or by graduate students who wish to become departmental teachers. The courses are not intended for candidates for special certificates, recommendations for which will not be given by this institution after September 1, 1914.

* * * *

PRACTICE TEACHING.

A teaching is defined as practice teaching and observation of model teaching in the Training School for five periods a week throughout one quarter. Ordinarily only five teachings will be required, but no student whose record in the five teachings is unsatisfactory will be permitted to take the elective offered in the Senior A division of the course of study. He will be required instead to repeat any teaching in which he has been found particularly weak.

Teachings are offered in all the subjects of the elementary school and intermediate school courses of study, the latter including the usual special and prevocational subjects.

The work of each student teacher is supervised by one or more members of the Normal School faculty. This supervision includes the directing of the daily teaching by means of lesson plans, model recitations, private conferences and conferences with all of the student teachers teaching a given subject. The conferences meet regularly for the discussion of the practical problems connected with the daily recitation. Ordinarily, only senior students, or students who have been given credit for previous experience in teaching, are assigned to service in the Training School. This service is supplemented, as far as possible, by observation of teaching in city and rural schools, and by cadet service in the schools of San Diego.

PART II.

THE SUMMER SESSION

OF

The State Normal School of San Diego**CIRCULAR OF INFORMATION**FOR 1914

Special Announcement for 1914.

Teachers desirous of getting into touch with recent developments in education will find, under the synopsis of courses, detailed information concerning the work offered in 1914, as follows:

1. Courses for teachers of elementary grades.
2. Courses for teachers of departmental work.
3. Courses in administration, standards of measurement, and vocational guidance for principals and superintendents
4. Courses in special subjects.
5. Culture courses open to all.

ANNOUNCEMENTS

The Summer Session will begin June 30 and end August 7, 1914.

The object of the Summer Session is to give teachers the latest and best methods in school work, and also to furnish stimulating and suggestive material for the growth of the individual.

The registration fee will be five dollars.

Students in laboratory courses will be charged for materials used and apparatus destroyed.

Credits will be given as shown by synopsis of subjects.

Credits will be given on the basis of one (1) unit for every fifteen exercises of satisfactory work. A course of five exercises weekly during six weeks has a credit value of two units.

The usual amount of credit obtainable during the session is six units. Students may register for more courses if they so desire, and credits will be given for all satisfactory work done during the session.

About eighty units are required for the normal school diploma. One (1) unit is the credit given in the Normal School for one hour a week for one semester.

Students of the summer session must be at least eighteen years of age.

The courses offered imply such previous preparation as will be possessed by certificated teachers; but a limited number of high school graduates and of normal school students will be admitted in special cases.

A general assembly of faculty and students will be held every Monday.

Classes with fewer than five applicants will be omitted.

Lectures in special subjects will be offered during the session.

Students will register Monday, June 29th.

Address all communications to THE REGISTRAR.

LIBRARIES AND SPECIAL LABORATORY.

The Normal School Library is an exceptionally well-lighted, attractive room in the west wing of the main building, furnished with individual study tables. While notably strong along the fundamental lines of education and history, it covers efficiently the other departments, including domestic science and art.

The library will be open to all students of the summer session from 8.00 to 1.00, and will be found fully adequate for the work to be given.

The San Diego Carnegie Library will be open to students.

The Marine Biological Station at La Jolla will be accessible for purposes of observation.

BOARD AND ROOMS.

Board and rooms may be had at from \$25 to \$30 per month. Furnished apartments can be rented at from \$10 and \$15 to \$30 per month. Reasonable rates may be had at Tent City, Coronado.

The secretary will have a complete list of rooms and boarding places for the accommodation of summer school students.

RAILROAD RATES.

Students attending from points in Arizona or New Mexico on the Southern Pacific lines may obtain special southern seashore rates for the Summer Session. The tickets are bought to Los Angeles plus four dollars for the round trip to San Diego. Selling dates may be obtained from local agents.

The Santa Fe has a regular reduced rate to Tent City, Coronado, during the summer, and tickets over this line should be bought to Tent City. These tickets are good throughout the Tent City season. Selling dates may be had from local agents.

VACATION SCHOOL.

A vacation school limited to pupils of a few typical grades will be maintained during the Summer Session. The classes formed will be available for model lessons, particularly in physical and vocational education.

SYNOPSIS OF COURSES

SCHOOL ADMINISTRATION.

Course No. I. PRESIDENT HARDY.
The administration of the elementary schools of California as laid down in the Constitution and laws of the State.
3 hours, 1 unit.

Course No. II. PRESIDENT HARDY.
General school administration, with special reference to such problems as the following:
Autocratic control versus co-operation.
Efficiency, costs, values, etc.
Care and control of the school plant.
Pupil government versus co-operation.
The program.
Records and their values.
2 hours, 1 unit.

CONTEMPORARY EUROPEAN HISTORY.

Course No. III. MR. BLISS.
A comprehensive review of European history from the period of the Renaissance, with special reference to the rise of nationalities, the development of constitutional governments, and the effect of industrial conditions on social and political development.
2 hours, 1 unit.

RURAL SCHOOL PROBLEMS.

Course No. IV. MR. BLISS.
The distinct purposes of this course are:
1. To study the evolution of rural school education and to lead students to realize the actual conditions of rural life through their own observation and through the study of the literature dealing with the subject.
2. To discover what is being done in various parts of the world to ameliorate rural conditions.
3. To ascertain the part the school should take in this work.
4. To develop a sympathetic attitude and to formulate some definite ideas and plans as to the service a teacher may render her community.
2 hours, 1 unit.

THE TEACHING OF ELEMENTARY SCHOOL SUBJECTS.

Course No. V. MISS LONGENECKER.
The teaching of arithmetic and geography and the language arts and instruments—reading, writing, spelling, oral and written composition—will be discussed with special reference to the recent experimental work in education and the suggestions which it offers both as to subject-matter and method in the elementary school. Discrepancies in the usual methods of marking students will be noted, and an equitable system based upon the "probability curve" will be worked out.
3 hours, 1 unit.

ANALYSIS OF THE TEACHING PROCESS.

Course No. VI. MISS LONGENECKER.
After considering the child's nature—his instincts, capacities, and interests, and the importance of using these as points of departure in the teaching process—the class will discuss the social complex to which the child must learn to adjust itself by way of organized habits and ideals. The several types of lessons—inductive, deductive, appreciative, study, drill, and review which serve as means of adjustment of the child to his environment—together with school room conditions affecting physical and moral welfare, will be given attention.
2 hours, 1 unit.

VOCATIONAL GUIDANCE AND VOCATIONAL AND PRE-VOCATIONAL EDUCATION.

Course No. VII. MISS BESLEY.
This course will deal with the problems which have grown up through the failure of the school to meet the needs of the non-book type of child. It will include instruction in the making of community surveys as a basis for the introduction of pre-vocational work into the elementary school; special vocational courses in high school, and special types of schools, such as continuation, part-time, and trade. It is the intention to make the course especially practical for superintendents, principals and teachers contemplating the introduction of vocational work into the schools.
2 hours, 1 unit.

STANDARDS OF MEASUREMENT AS APPLIED TO ELEMENTARY SCHOOL SUBJECTS.

Course No. VIII. MISS BESLEY.
The Binet-Simon tests to determine the mental efficiency of the normal as well as the sub-normal child, the Thorndike and Ayres scales for measuring the quality and legibility of handwriting, the Hille-

gas tests for attainment in English composition, the Bryan and Harter tests for determining the best methods for memory drill, and the Courtis standards for measuring the arithmetical abilities of the individual child, and tests for making standard measures in arithmetic, in all grades, will be considered. Practical exercises in the uses of the tests and standards will be given so that a superintendent, principal, or teacher may ascertain scientifically how different school systems or different schools and grades in the same system or district compare, with data, also, as to the comparative merit of different methods of instruction and the efficiency of the grade or individual child in elementary school subjects.

3 hours, 1 unit.

PRIMARY READING.

Course No. IX.

MISS TOWNSEND.

This course will consist of three lines of inquiry: (a) the physical aspects of reading, including the work of the eye, the frequency and duration of reading pauses, inner speech and its effects upon silent reading habits; (b) the critical examination of primary reading texts, which will involve, (c) the discussion of present day methods and the relation of phonics to thought getting.

3 hours, 1 unit.

PRIMARY LITERATURE.

Course No. X.

MISS TOWNSEND.

The services literature may render in the education of children will constitute the focus of this course. Discussion of principles underlying the selection and use of primary literature will lead to consideration of, (a) stories and story telling, and (b) poetry and its place in the primary curriculum.

2 hours, 1 unit.

METHODS IN ARITHMETIC.

Course No. XI.

MR. WEST.

The value of arithmetic as part of an educational curriculum depends largely on the way it is presented. The object of this course will be to correlate the various topics so as to give pupils the maximum development with the least expenditure of the teacher's time and energy. Vocational work for the different grades will be outlined. A brief survey of the best and most recent literature on the subject will be made.

3 hours, 1 unit.

ALGEBRA.

Course No. XII.

MR. WEST.

This course will consist of algebraic practice in the fundamental operations, including the fundamental laws of exponents, the various methods of factoring, with applications to the reduction of fractions and to solutions of equations (especially simple quadratic equations), simultaneous equations of the first degree with application to fractions, fractional equations, and the solution of quadratic equations. One of the important aims of this course will be the notion of functionality through the continuous use of the graph.

5 hours; 2 units.

HISTORY OF THE DRAMA.

Course No. XIII.

MISS BUTT.

A study of the origin and development of the drama, with the reading of typical plays of the important periods, including the more significant modern plays.

3 hours, 1 unit.

Course No. XIV.

MISS BUTT.

A study of the Shakespearian drama with class readings and interpretations, and, if desired, the production by the class of one of the comedies.

2 hours, 1 unit.

FRENCH GRAMMAR AND COMPOSITION.

Course No. XV.

MISS GODDARD.

This course offers an opportunity for a careful review of the essentials of grammar. Special attention will be given to pronunciation, reading, composition and conversation.

2 hours, 1 unit.

FRENCH LITERATURE OF THE NINETEENTH CENTURY.

Course No. XVI.

MISS GODDARD.

A study of the literary movement in France from the day of Mme. de Stael to the present time.

3 hours, 1 unit.

SPANISH.

Course No. XVII.

MRS. EDWARDS.

This is an elementary course, designed to give the student a good foundation in speaking and writing the Spanish of daily use. The work is eminently practical in character, and is suited to the needs of persons desiring to use Spanish in the Southwest and the Spanish-American countries.

5 hours, 2 units.

GEOGRAPHY.

Course No. XVIII.

MISS CLARK.

This course will deal with the materials and methods of work in geography in the upper grammar grades and in junior high schools. The functional side of geography, with its commercial, social and industrial implications, will be emphasized.

3 hours, 1 unit.

DRAWING.

Course No. XIX.

A course will be outlined in constructive, representative, decorative drawing, and in picture study from the first grade through the eighth grade. Methods of teaching primary work and grammar grade work of all kinds will be given.

The classes will be expected to demonstrate all methods given by studio exercises.

The course will be illustrated fully through the use of the work of the normal school students and the children of the training school.

10 hours, 4 units.

Note.—A second course in drawing, practically the same course as No. XIX, but occupying only 7 hours, will be offered to those who wish both drawing and handwork.

SIGHT SINGING AND NOTATION.

Course No. XX.

MISS JUDSON.

The course provides for instruction in the elements of music, and is designed for grade teachers. Systematic reading of graded material is required throughout the session. The work includes the study of the scale in major and minor; key signatures; measure signatures; rhythm; and the technical terms most commonly used in music.

3 hours, 1 unit.

METHODS IN MUSIC.

Course No. XXI.

MISS JUDSON.

This course is devoted to the pedagogy of public school music, and will deal with the details of teaching in each grade. The purpose of the rote song and the method of its presentation will be considered, and a definite vocabulary of such songs will be acquired. Suggestions for outlines, lesson plans, programs, and music for special days will be given. Topics for special consideration: Monotones, the school chorus, glee clubs and orchestra, classification and care of children's voices. Some practice and interpretation is included in this course, which is planned with reference to the needs of high and elementary school teachers.

2 hours, 1 unit.

ELEMENTARY AGRICULTURE.

Course No. XXII.

MR. SKILLING.

Work in the school garden and the lath house will illustrate principles of agriculture to be discussed in the class room. Subject-matter and demonstrations suitable for use in agriculture in the elementary schools will form the basis of discussion.

3 hours, 1 unit.

ADVANCED AGRICULTURE.

Course No. XXIII.

MR. SKILLING.

(Open to those who have had the equivalent of Course No. 1.)

Selected topics, including plant-breeding, dry farming, etc., will be treated. A study will be made of government bulletins suitable for school use in agriculture.

3 hours, 1 unit.

NATURE STUDY.

Course No. XXIV.

MR. SKILLING.

The course deals with subject-matter and literature suitable for work throughout the grades, with discussion of nature study material suited to various grades.

2 (or 3) hours, 1 unit.

DOMESTIC CHEMISTRY.

Course No. XXV.

MISS CLARK.

Students taking this course must have had the equivalent of a high school course in elementary chemistry.

Both lectures and laboratory work will be given.

5 hours, 2 units.

COURSES IN HOUSEHOLD ECONOMICS.**THEORY AND PRACTICE OF COOKERY.**

Course No. XXVI. MRS. COLDWELL and MISS KRUEGER.
General principles controlling the preparation of food for adults, children and invalids are learned through practical work in the kitchen laboratory. These principles are amply illustrated by various methods of preparing milk, eggs, meats, vegetables, fruits and beverages. Special attention will be given to scientific methods of laboratory work and the adaptation of such methods to the school.

5 hours; 2 laboratory periods, 1 lecture. (2 units.)

HOUSEHOLD ECONOMICS AND THE RURAL SCHOOL.

Course No. XXVII. MRS. COLDWELL and MISS KRUEGER.
1. Sanitation. Emphasis is placed upon cleanliness in all matters pertaining to the home, school and community. Yeasts, moulds, and bacteria are studied, together with practical methods for their control. The destruction of house flies, disposal of garbage, water and milk as disease carriers are considered. 2. Equipment and course of study suitable for the country school. This part of the course will be of special value to the rural school teacher. 3. Experimental cookery—in the school laboratory. Food legislation. Students in these sections will give assistance in teaching the seventh grade vacation school class in cookery.

5 hours; 2 laboratory periods, 1 lecture. (2 units.)

Course No. XXVIII.**SEWING.**

MRS. COLDWELL.

This course is planned especially for teachers of elementary schools. It covers methods of teaching, a general course suitable for each grade, use of paper patterns, application of hand and machine sewing to undergarments, shirt waists and plain dresses, also darning, patching and simple embroidery. Students must provide material subject to the approval of the instructor. The more advanced students will be given an opportunity to assist in teaching the fifth grade vacation school class in sewing.

4 hours; 2 laboratory periods. (2 units.)

COURSES IN MANUAL ARTS.**ELEMENTARY MANUAL TRAINING.****Course No. XXIX.**

A course covering the work of the first five grades, including methods for teachers of rural as well as city schools. Clay modeling, stenciling, cardboard and paper construction, braiding and knotting, raffia and reed basketry, and weaving of textiles and fabrics. Principles of design and handling of color. Relation of manual training to the other subjects taught in these grades will be emphasized throughout the course.

5 hours, 2 units.

WOODWORK.**Course No. XXX.**

MR. ROBERTS.

A course for beginners. Analysis and care of tools. Study of materials used, with various methods of simple finishing. Construction of small problems selected to develop technique and design. Reading of blue prints and working drawings. The course will include choice of certain given problems in elementary furniture construction; model to be executed in hard wood.

5 hours, 2 units.

ADVANCED WOODWORK.**Course No. XXXA.**

MR. ROBERTS.

A course in furniture design and construction for those having had previous instruction in woodwork—the work to be largely original. Methods of wood finishing will be demonstrated and discussed. Upholstering. Use of circular saw, band saw, jointer, lathe, and grinder. General care of machines. Industrial studies and economics of manual training.

10 hours, 4 units.

MECHANICAL DRAWING.**Course No. XXXB.**

MR. ROBERTS.

A course primarily for teachers. Use and care of instruments, and study of various materials. Exercises, geometrical problems, projections, working drawings, perspective and lettering. Making of tracings and blue prints. Methods, and planning of courses for intermediate and high schools.

5 hours, 2 units.

PHYSICAL EDUCATION.

The attention of students intending to enter classes in this department is called to the definite regulations regarding gymnasium suits. Young women wear all-white, *plain* middies, red ties and black serge or brilliantine bloomers containing four widths of cloth and measuring, when finished, fourteen inches from the floor. These bloomers can not be purchased. White gymnasium shoes and black stockings are worn in all classes except that of æsthetic dancing, where special shoes are required.

Young men wear regulation Y. M. C. A. grey trousers with soft grey shirts, black ties and white tennis shoes.

The department reserves the right to refuse admission to any or all classes in cases where there is doubt regarding the general health of the student.

The size of classes will be limited and membership to them assigned in the order in which applications are filed. No student will be admitted to any class without a personal interview with the Physical Director, and the number of classes which the individual is allowed to enter will be decided entirely upon the physical condition of the student.

These courses are designed for teachers, hence considerable attention is paid to form and method.

Observers are not admitted to classes in gymnastics or dancing without a card of admission from the director of the department.

PLAYS AND GAMES.

Course No. XXXI.

MISS TANNER, MISS COY.

By actual practice in the gymnasium, the class learns dramatic games, singing games and simple games of skill for the elementary grades. Formal games and athletic sports for the intermediate school, such as Captain Ball, Volley Ball and Playground Ball for the girls, and Basket Ball and Track Events for the boys, are developed as far as is possible in the time allotted.

3 hours, 1 unit.

8:00-8:50, M., W., F.

ELEMENTARY FOLK DANCING.

Course No. XXXII.

MISS COY.

This course consists of a series of simple folk dances suitable for the grades, and emphasis is placed upon the methods of presentation.

3 hours, 1 unit.

8:00-8:50, T., Th., F.

ADVANCED FOLK DANCING.

Course No. XXXIII.

MISS COY.

Prerequisite, Elementary Folk Dancing, or its equivalent. More difficult folk dances and typical national dances are presented in this course.

2 hours, 1 unit.

10:00-10:50, T., Th.

ELEMENTARY GYMNASTICS.

Course No. XXXIV.

MISS TANNER.

The Swedish Day Order is taken as the point of departure. Exercises without apparatus, Swedish apparatus work and gymnastic games will be given for the purpose of furnishing the student with as much material as possible for future teaching.

2 hours, 1 unit.

9:00-9:50, Tu., Th.

GERMAN GYMNASTICS.

Course No. XXXV.

MR. MANZECK.

To give those unacquainted with the German system of gymnastics an insight into the extraordinary wealth and variety of its materials for gymnastic exercises, a thorough general program adapted to practical purposes will be submitted.

In accordance with this system, the materials for gymnastic exercises are divided as follows:

Free exercises; tactics; exercises with apparatus; exercises on apparatus; companion exercises, and games.

3 hours, 1 unit.

9:00-9:50, M., W., F.

The two courses in gymnastics may be regarded as supplementary. Their combination will be found desirable by the teacher of the elementary school who wishes to obtain a large fund of material. The work ranges from exercises without apparatus to those employing light apparatus, such as wands, dumb-bells and Indian clubs, and includes, also, gymnastic games.

ELEMENTARY AESTHETIC DANCING.

Course No. XXXVI.

MISS BENNETT.

A course in the technique of the simpler æsthetic dances, with emphasis on co-ordination and the development of poise.

3 hours, 1 unit.

10:00-10:50, M., W., F.

PRACTICE-TEACHING.

MISS TANNER, MISS COY.

For the benefit of the group of young women who will this summer finish work for the special certificate in physical education, arrangements have been made for practice-teaching of grade classes, as well as for public playground training.

SWIMMING.

Classes in swimming will be held twice a week. The fee of fifty cents a lesson includes the use of bathing suits. A slight reduction may be made in favor of those having their own suits. Days and hours will be designated at the beginning of the session.

Students wishing to enroll for swimming will need to do so on or before the second day of the summer school.

TENNIS.

The school tennis courts will be open to students of the summer school during each day of the week except Sunday, and instruction will be given if needed.

ROWING.

The eight-oared barge owned by the Rowing Association of the Normal School will be available for those interested in rowing. Crews will be in charge of members of the faculty.

Fee for physical examination.....	\$.50
Fee for lockers.....	.50
Texts recommended:	
Folk Dances and Singing Games.....	Burchnel
Folk Dances and Games.....	Crawford
Games for the Playground, Home, School and Gymnasium.....	Bancroft

RECREATION.

In the session of 1913 there was programmed once each week an entertainment of interest to the entire student body. An automobile ride over the famous scenic Point Loma Boulevard was followed by excursions, and by programs presented, on one occasion, by the faculty, on another by the student body. These affairs made it possible for students and faculty to become acquainted, and added greatly to the pleasure of the session. Since both work and play depend largely on comfortable weather, prospective students will be interested in the exhibit of weather conditions in 1913 set forth on page 31. Such conditions are typical of the summer session in San Diego.

Weather Conditions During the Summer Session of 1913. Monthly Meteorological Summary for San Diego, July, 1913.

Date	Temperature			Precipitation (Inches)	Character of day	Per cent of possible sunshine.
	Highest	Lowest	Mean			
1	75	60	68	.00	Clear	76
2	71	61	66	.00	Clear	70
3	69	61	65	.00	Pt. Cldy	64
4	71	62	66	.00	Clear	73
5	75	61	68	.00	Clear	100
6	74	65	70	.00	Clear	100
7	78	65	72	.00	Clear	91
8	75	66	70	.00	Pt. Cldy	64
9	75	66	70	.00	Clear	88
10	76	63	70	.00	Clear	100
11	74	64	69	.00	Pt. Cldy	63
12	74	65	70	.00	Pt. Cldy	40
13	71	66	68	.00	Pt. Cldy	50
14	74	66	70	.00	Clear	78
15	73	66	70	.00	Clear	70
16	72	65	68	.00	Pt. Cldy	42
17	71	62	66	.00	Clear	84
18	72	62	67	.00	Pt. Cldy	63
19	72	62	67	.00	Pt. Cldy	65
20	74	66	70	.05	Clear	67
21	74	65	70	.00	Clear	86
22	73	66	70	.00	Clear	83
23	72	65	68	.00	Clear	74
24	73	63	68	.00	Clear	74
25	71	60	66	.00	Clear	93
26	72	64	68	.01	Clear	71
27	71	63	67	.00	Pt. Cldy	40
28	69	64	66	.00	Pt. Cldy	56
29	71	63	67	.00	Clear	100
30	72	61	66	.00	Pt. Cldy	66
31	72	62	67	.00	Clear	83

TEMPERATURE

Highest, 78, 7th; lowest, 60, 25th; greatest daily range, 15, 1st; least, 5, 13th; normal for this month, 66.9; absolute highest for this month for 42 years, 93; lowest, 54; average daily excess of this month compared with normal, 1.3; accumulated deficiency since January 1, 2.12.

PRECIPITATION.

Total this month, 0.06; snowfall, 0; greatest precipitation in 24 hours, .05, on the 20th; normal this month, .00; total from September 1, 1912, to date, 5.63; normal from September 1, 1912, to date, 10.01; deficiency from September 1, 1912, to date, 4.38; annual normal, 10.01.

WIND.

Prevailing direction, west; total movement, 4,932 miles; average hourly velocity, 6.6; maximum velocity (in 5 minutes), 20 miles per hour from west, on 21st.

WEATHER.

Number of days clear, 20; partly cloudy, 11; cloudy, 0; on which 0.01 inch precipitation or more occurred, 2. Mean monthly relative humidity, 80 per cent.

NOTE.—This is a typical record of temperature conditions in San Diego in mid-summer.

TEMPERATURE.	
Mean highest	72.8
Mean lowest	63.5
Mean for the month.....	68.2
PRECIPITATION.	
Total inches this month...	0.06

MONTHLY SUNSHINE RECORD.	
Number hours, actual sunshine	320.3
Number hours possible.....	436.9
Percentage of possible.....	73