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San Jose State
Teachers College

CALENDAR FOR 1925-1926.

FIRST SEMESTER

September 1, Tuesday ----- Applications for admission and credentials of graduates of recommended high schools should be filed with the Registrar prior to this date. Other credentials should be on file earlier to allow time for evaluation.

September 12, Saturday ----- Faculty meeting, 3 p.m.

September 14, Monday ----- Registration of all sophomores, juniors, and seniors who have been previously registered, 9 to 12 a.m., 1.30 to 4.30 p.m.

September 15, Tuesday ----- Registration of all freshmen and all new students, 9 to 12 a.m., 1.30 to 4.30 p.m.

September 16, Wednesday ----- Instruction begins in all departments.

September 19, Saturday ----- Subject A (English) examination, 9.30 a.m.

November 26-29 ----- Thanksgiving holidays.

December 19-January 3 ----- Christmas vacation.

February 3, 1926, Wednesday ----- First semester closes.

SECOND SEMESTER

February 1, 1926, Monday ----- Applications for admission and credentials of graduates of recommended high schools should be filed with the Registrar prior to this date. Other credentials should be on file earlier to allow time for evaluation.

February 8, Monday ----- Registration of all students, 9 to 12 a.m., 1.30 to 4.30 p.m.

February 9, Tuesday ----- Instruction begins in all departments.

February 13, Saturday ----- Subject A (English) examination 9.30 a.m.

March 27-April 5 ----- Spring vacation.

June 23, Wednesday ----- Second semester closes.

June 28, Monday ----- Summer session begins.

STUDENT PROGRAMS

The normal student program is sixteen units per semester in addition to physical activities. During the year that he is doing his student teaching a student is advised to register for not more than fifteen units.
 Students may not enroll for more than seventeen nor less than twelve units of work without special permission from the Registrar. Students may not apply for more than seventeen units who have not attained an average of 2.5.
 Work carried in excess of approved program will receive no credit.

ADVANCED STANDING

Advanced credit will be allowed for work done in other institutions of equal rank with the State Teachers College of San Jose. Such work must be submitted on original transcripts issued by the institution at which the work was taken. After the beginning of a student's last semester before proposed graduation no credit may be offered toward graduation on the basis of work taken or completed before the beginning of the academic year and not already adjusted by the Committee on Advanced Standing.
 Students transferring from another California Teachers College can normally complete their course without loss of time, provided they transfer to the same department in which they offer advanced standing.
 Students who have graduated from one of the regular professional courses and wish to secure a second diploma must complete sixteen additional units of work.

RESIDENCE REQUIREMENT

No student shall be graduated from any of the three year curricula on less than 24 units of work done in residence, nor from any of the four year curricula on less than 32 units of work done in residence.

CHANGING COURSES

A student in good standing may transfer from one department of the college to another. Ordinarily such transfer may be made at the end of the first semester without loss of time. However, it is probable that in order to qualify for the requirements of the chosen department a student must attend a summer session to make up the deficiencies.

UNITS

A unit is hereby defined to be a course of study of one full period of prepared class work a week, or if a laboratory subject, of at least two periods a week, taken for not less than 18 weeks. Fractions of units may be accepted and counted.

MARKING SYSTEM

The Arabic numerals 1, 2, 3, and 4 indicate passing grades: 1, excellent; 2, above average; 3, average; 4, below average. 5 indicates a failure.
 If a student drops a course after he has completed at least one-half of the semester's work an "incomplete" grade is given with the grade of work done indicated.
 The grade accompanying an "incomplete" record is taken into account in determining the student's standing at the end of the semester.
 An "incomplete" must be removed during the following semester or not later than the next semester during which the course is offered. If a student

fails to comply with this regulation the "incomplete" remains as a permanent deficiency on his record.
 To qualify for the *Junior Certificate* the student must have obtained at least as many quality points as semester units required.

- Mark 1 will carry 3 quality points per unit of the course taken.
- Mark 2 will carry 2 quality points per unit of the course taken.
- Mark 3 will carry 1 quality point per unit of the course taken.
- Mark 4 will carry 0 quality point per unit of the course taken.
- Mark 5 will carry -1 quality point per unit of the course taken.

PROBATION

Students receiving an average grade of less than 3.5 during any semester will be placed upon probation. A student on probation is not permitted to enroll for more than 14 units of work in addition to physical activities.

DISQUALIFICATION

Students placed on probation for two successive semesters are automatically disqualified.
 Students failing to make a passing grade in two-thirds less one of the units for which they are registered during the term will be disqualified unless they are able to offer satisfactory explanation for such failure.
 Students whose behavior is not satisfactory to the faculty may be dropped from the roll.

REINSTATEMENT

If a student, disqualified on account of poor scholarship, spends his period of disqualification in study or other useful work, he may be reinstated after an absence of one semester. A student desiring to re-enter must petition to the Registrar for permission to do so, submitting therewith a verified statement describing the manner in which he has spent his time since disqualification. The petition must be in the hands of the Registrar at least two weeks before the close of the semester preceding the one which he desires to attend, and the student, if permitted to return, should receive a statement of such permission from the Registrar before returning to the institution. Upon reinstatement a student is placed on probation.

REPORTS TO STUDENTS

At the end of the ninth week of each semester a warning report is given to students who at that time are doing unsatisfactory work in any subjects.
 At the close of each semester a report showing the grade received in each of the subjects pursued is sent to the students.

WITHDRAWALS

Students withdrawing from the school must fill out a withdrawal card in the Registrar's office in order to retain their status in the college.

CREDIT FOR AUDITED COURSES

Students registered as "auditors" in either regular or extra-mural classes may not apply for credit in such subjects after the close of the semester during which the course was offered.

1925-26

CURRICULA OFFERED

1. The Kindergarten-Primary curriculum leading to a certificate to teach in the Kindergarten and first three grades of the Elementary Schools. This requires the satisfactory completion of 76 semester units for students graduating before September 15, 1927. For students graduating after September 15, 1927, 96 units will be required.
2. The General Elementary curriculum leading to a certificate to teach in any of the grades of the Elementary schools. This requires the satisfactory completion of 76 semester units for students graduating before September 15, 1927. For students graduating after September 15, 1927, 96 units will be required.
3. The curricula leading to the B.A. Degree with major in one of the following fields: (1) Elementary and Kindergarten Education, (2) Elementary School Education, (3) Elementary and Junior High School Education, (4) Home Making Education, (5) Music Education, (6) Art Education, (7) Occupations and Home Mechanics Education.
4. Special curricula in Home Making, Music, Art, Physical Education, and Occupations and Home Mechanics Departments. In these departments, three-year courses for Elementary and Junior High School certification and four-year courses for Secondary certification are offered.
5. Two-year course under Smith-Hughes act for experienced home-makers.
6. Courses leading to the Junior Certificate for students wishing to transfer with full Junior standing to one of the universities.

INFORMATION AS TO DEGREE REQUIREMENTS

Candidates must have satisfied the requirement of six units in Physical Education. A course in U. S. Constitution is required. This may be counted as a part of the 12 units required in Social Science.

Candidates choosing one of the first three major fields must include a minimum of 24 units in education. In the special fields not more than 50 units will be accepted from any one group. In satisfying the requirements for a special credential, enough additional work must be taken to satisfy the State Board requirements.

Candidates for the degree must complete 32 units earned in residence. A student entering without two years of Mathematics (other than Arithmetic) and two years of one Foreign Language must complete (before he receives the degree) one year (6 units) of Mathematics and one year (10 units) of a Foreign Language.

COURSES LEADING TO THE BACHELOR OF ARTS DEGREE

with major work in the fields of

- I. ELEMENTARY AND KINDERGARTEN EDUCATION.
- II. ELEMENTARY SCHOOL EDUCATION.
- III. ELEMENTARY AND JUNIOR HIGH SCHOOL EDUCATION.
- IV. MUSIC EDUCATION.
- V. ART EDUCATION.
- VI. HOME MAKING EDUCATION.
- VII. OCCUPATIONS AND HOME MECHANICS EDUCATION.

Total minimum requirements 124 units.

Required: Lower Division

Biological and Physical Sciences.....	12 units
English.....	6 units
Physical Education.....	4 units
Psychology.....	6 units
Social Science.....	12 units
Group Electives.....	12 units

Select from the list below at least 6 units in each of two fields:

Art	Mathematics
English	French
History	German
Social Science	Spanish
Education	Music
School Administration and Supervision	Physical Education
Biological Science	Occupations and Home Mechanics
Physical Sciences	Home Making
Earth Science	Foods and Nutrition
Physiology and Health	Clothing and Textiles
Psychology	
Free Electives.....	12 units

These units may be selected in the same fields as the two chosen under Group Electives above, or from any other field, or may be used to complete Lower Division requirements for teaching credentials.

Total lower division..... 64 units

1925-26

M
G

Upper Division

Required Professional Subjects	20 units
Student Teaching	10 units
Public Education in California	2 units
Principles of Education (Objectives)	3 units
Education for Citizenship	2 units
Educational Psychology	3 units

Additional Units

I. For B.A. degree with major in Elementary and Kindergarten Education each candidate for the B.A. degree must satisfy the requirements for the three-year course in *Kindergarten-Primary Education* (page 31) and have at least six units of additional work in each of two subjects pursued in the lower division list of electives.

II. For B.A. degree with major in Elementary School Education each candidate for the B.A. degree must satisfy the requirements for the three-year course in *General Elementary Education* (page 30) and have at least six units of additional work in each of two subjects pursued in the lower division list of electives.

III. Course leading to the Bachelor of Arts Degree with major work in the field of Elementary and Junior High School Education.

Lower Division

Biological and Physical Sciences	12 units
English	6 units
Physical Education	4 units
Psychology	6 units
Social Science	12 units
Electives (group and free)	24 units
Total minimum	64 units

Upper Division

Student Teaching	10 units
Public Education in California	2 units
Principles of Education (Objectives)	3 units
Education for Citizenship	2 units
Educational Psychology	3 units
Principles of Junior High School Education	2 units
Classroom Methods and Management	2 units
Electives (group and free)	36 units
Total minimum	60 units

In both upper and lower division electives, candidates must select a program of studies approved by the adviser. It is possible, by choosing wisely the group electives, to obtain the special elementary or secondary credential in special fields.

IV. Course leading to the Bachelor of Arts Degree with major work in the field of Music.

Lower Division

Biological and Physical Sciences	12 units
English	6 units
Physical Education	4 units
Psychology	6 units
Social Science	12 units
Electives (group and free)	24 units
Major 8 units	

Sight Singing and Notation	Harmony
Elementary Music Methods	Music Appreciation
Ear Training	Music History
Solfeggio	
Electives	

Total minimum 64 units

Upper Division

Teaching	10 units
Public Education in California	2 units
Education for Citizenship	2 units
Principles of Secondary Education	2 units
Principles of Education (Objectives)	3 units
Educational Psychology	3 units
Content and Procedure in Music	2 units
Electives (group and free)	36 units
Major 8 units	
Composition	Orchestration
Ensemble	Electives

Total minimum 60 units

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MATHEMATICS

H. F. MINNSEN, M.A.
HARRY G. ROWIG, M.A.
ELEANOR V. GHATZ, B.A.
Associate Professor of Mathematics
Instructor in Mathematics

B. Arithmetic. (No credit)
Review of the four fundamental processes, mensuration, percentage, and arithmetical content.
Two periods per week.

C. Trigonometry
Prerequisite: The high school course in algebraic theory or Mathematics 7. Elementary course with applications involving logarithmic computation in surveying, plane sailing, and mensuration.
Three periods per week.-----3 units

2. Mathematical Theory of Investment
Prerequisite: Plane trigonometry and two years of high school algebra or Mathematics 7.
Theory of interest, annuities, amortization, valuation, depreciation, probability, and insurance.
Three periods per week.-----3 units

3A-B. Plane Analytic Geometry and Differential Calculus
Prerequisite: High school algebra, geometry, and trigonometry. An elementary course in the analytic geometry of the conic sections with applications. The elements of the differential calculus with reference to analytics and algebraic functions.
Three periods per week.-----3 units each semester

4A-B. Solid Analytic Geometry, Integral Calculus, and Infinite Series
Prerequisite: Mathematics 3A-B. An application of the methods developed in plane analytic geometry to figures in space. Integration of standard forms; integration by parts, reduction formulas; succession and partial integration with applications to geometry and mechanics. The theoretical consideration of series and limits.
Three periods per week.-----3 units each semester

7. Intermediate Algebra
Prerequisite: One-and one-half years of high school algebra. The progressions and other simple series; elementary theory of logarithms, with practice in computation; theory of quadratic equations; the binomial theorem.
Two periods per week.-----2 units

8. College Algebra
Prerequisite: Two years of high school algebra or Mathematics 7. The number system of algebra; linear functions and progressions; integral rational functions; fractional functions; irrational functions.
Three periods per week.-----3 units

- 9A-B. Differential and Integral Calculus
 Prerequisite: Mathematics 3A. The elements of the differential and integral calculus, with applications to geometry and mechanics.
 Three periods per week. 3 units each semester
51. Principles of Kindergarten-Primary Arithmetic
 A course in the teaching of primary arithmetic, stressing the psychological phase of the subject.
 Two periods per week. 2 units
52. Principles of Elementary Arithmetic
 A course including the history and fundamental principles and methods in the teaching of arithmetic, aiming to secure efficiency in the technique of the arithmetical processes in their application to problem solving.
 Three periods per week. 3 units
119. Differential Equations
 Prerequisite: Mathematics 4A-B or Mathematics 9A-B. Solution of differential equations with applications to problems in mechanics.
 Three periods per week. 3 units
- 125A-B. Analytic Mechanics
 Prerequisite: Mathematics 4A-B or Mathematics 9A-B. The mathematical treatment of the fundamental principles of statics, Kinematics, and Kinetics, restricted mainly to coplanar forces and to plane motion of particles and of rigid bodies.
 Three periods per week. 3 units each semester
152. Advanced Principles in Arithmetic
 Fundamental principles and underlying methods in the teaching of arithmetic; value of home and community problems, project method, and standard tests. Primarily for students who have an excellent foundation in secondary mathematics and for students who have had experience in the teaching of arithmetic.
 Two periods per week. 2 units
154. Junior High School Mathematics
 Course considering problems involved in the reorganization of mathematical curricula in grades seven, eight, and nine. Consideration will be given to the aims, organization, and teaching of topics in the Junior High School mathematical curricula.
 Three periods per week. 3 units

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