

1894

Pacific College Catalog, 1893-1894

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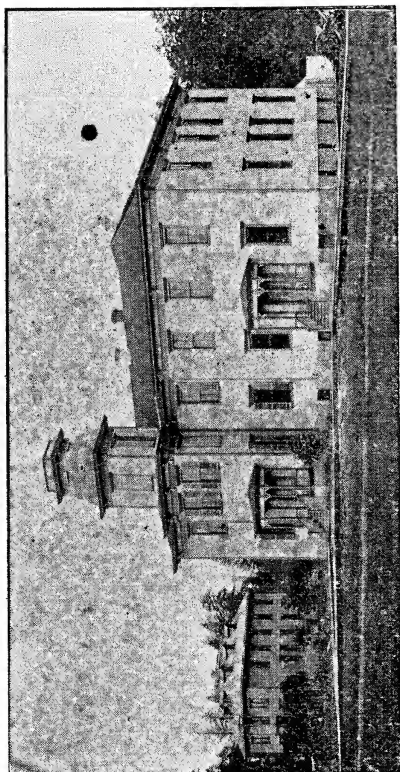
PACIFIC COLLEGE

NEWBERG, OREGON.

1893-94.



Third Year.



BOARDING HALL AND COLLEGE BUILDING.

THIRD
ANNUAL CATALOGUE
OF
PACIFIC COLLEGE,
1893-94.

With Announcements for 1894-95.

NEWBERG, OREGON.

GRAPHIC PRINT,
NEWBERG, OREGON.
1894.

BOARD OF TRUSTEES.

CORPORATION.

	<i>Term Expires.</i>
G. W. MITCHELL, Newberg, - - - - -	1895
MOSES VOTAW, Newberg, - - - - -	1895
EVANGELINE MARTIN, Newberg, - - - - -	1895
PAUL MACY, Newberg, - - - - -	1896
MARY L. HOSKINS, Newberg, - - - - -	1896
JESSE HOBSON, Portland, - - - - -	1896
JESSE EDWARDS, Newberg, - - - - -	1897
E. H. WOODWARD, Newberg, - - - - -	1897
J. H. TOWNSEND, Newberg, - - - - -	1897

APPOINTED BY THE CHURCH.

T. S. TOWNSEND, Portland, - - - - -	1894
JOSIAH WINSLOW, Marion, - - - - -	1894
DR. AARON MILLS, Dundee, - - - - -	1894
MELINDA CRAVEN, Middleton, - - - - -	1894
EDMUND ROBINSON, Springbrook, - - - - -	1895
WM. P. SMITH, Salem, - - - - -	1895
A. W. COOK, Scotts Mills, - - - - -	1895
HELEN B. HARFORD, Newberg, - - - - -	1895
ANNA B. MILES, Newberg, - - - - -	1896
ISAAC N. MILES, Scotts Mills - - - - -	1896
DASIE M. STANLEY, Newberg, - - - - -	1896
J. H. REES, Springbrook, - - - - -	1896
THOMAS NEWLIN, President of the College. (<i>Ex-Officio.</i>)	

OFFICERS OF THE BOARD.

JESSE EDWARDS,	-	-	-	-	-	-	-	-	-	President
EVANGELINE MARTIN,	-	-	-	-	-	-	-	-	-	Secretary
E. H. WOODWARD,	-	-	-	-	-	-	-	-	-	Treasurer

COMMITTEES OF THE BOARD.

Executive Committee.

JESSE EDWARDS,	G. W. MITCHELL.	E. H. WOODWARD.
EVANGELINE MARTIN,		PAUL MACY.

Committee on Faculty and Officers.

THOMAS NEWLIN,	JESSE EDWARDS,	E. H. WOODWARD,
G. W. MITCHELL,		EVANGELINE MARTIN.

Committee on Buildings and Grounds.

E. H. WOODWARD,	J. H. TOWNSEND,	PAUL MACY
EDMUND ROBINSON,		J. H. REES.

Committee on Museum and Laboratory,

MOSES VOTAW,	G. W. MITCHELL,	MARY L. HOSKINS,
A. W. COOK,		I. N. MILES.

Committee on Library.

J. H. TOWNSEND,	JESSE HOBSON,	MARY L. HOSKINS,
DR. A. MILLS,		W. P. SMITH.

CALENDAR.

1894.

- September 18. Examination and Registration of New Students,
2:00 P. M.
19. Fall Term begins, 8:45 A. M.
November 28. Thanksgiving vacation begins, 4:00 P. M.
December 3. Recitations resumed.
21. Fall Term ends.
21. (Evening.) Public Exhibition of Crescent Society.

WINTER VACATION.

1895.

- January 2. Winter Term begins, 8:45 A. M.
February 22. Washington's Birthday.
March 21. Winter Term closes.

SPRING VACATION.

- March 27. Spring Term begins.
June 14. Field Day.
16. Baccalaureate Services, 11:00 A. M.
16. Address before the Christian Association, 8:00 P. M.
17. Annual Address before the Crescent Society.
17. (Evening.) Elocutionary and Musical Entertainment.
18. Graduating Exercises of Preparatory Department.
18. (Evening.) Public Exhibition of Crescent Society.
19. Commencement Exercises, 10:00 A. M.

SUMMER VACATION.

Days on Which the College Will be in Session.

1894.				1895.												
FIRST TERM.				SECOND TERM.				THIRD TERM.								
September.				January.				March.								
M			24	M	7	14	21	28	M							
T			25	T	8	15	22	29	T							
W		19	26	W	2	9	16	23	30	W			27			
Th		20	27	Th	3	10	17	24	31	Th			28			
F		21	28	F	5	11	18	25	F				29			
October.				February.				April.								
M	1	8	15	22	29	M	4	11	18	25	M	1	8	15	22	29
T	2	9	16	23	30	T	5	12	19	26	T	2	9	16	23	30
W	3	10	17	24	31	W	6	13	20	27	W	3	10	17	24	
Th	4	11	18	25		Th	7	14	21	28	Th	4	11	18	25	
F	5	12	19	*26		F	1	8	*15	22	F	5	12	19	*26	
November.				March.				May.								
M		5	12	19	26	M	4	11	18		M		6	13	20	27
T		6	13	20	27	T	5	12	19		T		7	14	21	28
W		7	14	21	*28	W	6	13	20		W	1	8	15	22	29
Th	1	8	15	22		Th	7	14	21		Th	2	9	16	23	30
F	2	9	16	23		F	1	8	15		F	3	10	17	24	31
December.				June.				June.								
M	3	10	17								M	3	10	17		
T	4	11	18								T	4	11	18		
W	5	12	19								W	5	12	19		
Th	6	13	20								Th	6	12			
F	7	14	21								F	7	13			

*Public Literary exercises.

FACULTY AND OFFICERS.

THOMAS NEWLIN, A. M.,
President and Professor of Philosophy and Economics.

J. J. JESSUP, B. S.,
Professor of Natural Sciences and Mathematics.

REBBIE W. HINCHMAN, B. S.,
Professor of History and German.

CHARLES E. LEWIS, A. B.,
Professor of Latin and Greek.

A. C. STANBROUGH, B. S.,
Instructor in the Commercial Department and Algebra.

ELWOOD SCOTT,
Pastor and Lecturer on Church History.

Instructor in Music and Elocution.

ELLA F. MACY,
Instructor in Arithmetic.

ELMA BROWN,
Instructor in Art.

EMMA R. JOHNSON,
Matron.

LIDA J. HANSON,
Librarian.

J. T. SMITH,
Financial Agent.

PACIFIC COLLEGE.

HISTORICAL STATEMENT.

Pacific College was founded by the Friends church of Oregon. It was established as an Academy in 1885, but the demands for an advanced education were so great that the Board of Trustees, backed by the church, decided to extend the course of study to the rank of a college, and on September 9, 1891, Pacific College was formally opened, and a college charter has been granted under the laws of the State of Oregon. It owes its prosperity to the enterprise and generosity of its friends who have faithfully stood by it in its early history. An educational institution can not have a stronger guarantee of permanence than that afforded by the faith and good will of a large body of patrons and friends. This, Pacific College has had from its foundation as an Academy. Financially and morally the school has been supported to the extent of the ability of its friends. The friends of the college have donated a tract of land containing twenty three and one-half acres for a campus, and the buildings have been placed upon this site.

MATERIAL EQUIPMENT.

The college buildings are located near the center of the campus and occupy a commanding site from which to view the surrounding country. A large part of the campus lies in front of the buildings and is beautifully situated for ornamentation. Near the college

building is a large athletic field, suitably arranged for base ball, foot ball, lawn tennis, running and other field sports.

BUILDINGS.

The college building is a substantial structure of two stories and basement, heated by furnaces. The original building was 36x48 to which has been added a structure 40x60. The building contains the chapel, six large recitation rooms, the President's office, the Library and Museum, cloak rooms and halls. At present two of the rooms are used for gymnasium practice in the winter season. These with the Boarding Hall, described later, the chemical and physical laboratory and Library constitute the material equipment. These are quite helpful and sufficient to serve the purpose very well, yet every student and parent will recognize that these things will not make a college. Pacific College claims to have something better than mere material equipment, as will be shown in the following pages.

THE AIM OF THE COLLEGE.

The purpose of the college is to offer to young men and young women the benefits of a liberal Christian education. Its courses of study are arranged to give that broad culture which should be the possession of every intelligent man and woman. The founders recognized the great importance of religious training, and the work of the class-room is not merely consistent with Christianity, but decidedly Christian in its tendencies. It is the fond hope of the management that Pacific College shall send forth many christian teachers, ministers and missionaries, and that it shall be a strong support not only to the Friends church, but to christianity wherever its influences may reach.

GROWTH OF THE COLLEGE.

The work done the past year has been quite encouraging. The college has made a substantial and satisfactory growth along intellectual, moral and religious lines. Each year records a growth

in the true educational idea. The true college spirit has made a perceptible growth, and the number of students who are looking toward taking the college course is quite large in comparison with the whole number of students. The financial and moral support are very gratifying and the outlook for the college is bright.

LOCATION.

Pacific College is located at Newberg, Yamhill County, Oregon, twenty-six miles south of Portland, on the Oregonian branch of the Southern Pacific railroad, and also on the Willamette river. Good connections may be made with Portland each day, either by train or steamboat.

Newberg is an incorporated town of 1,200 inhabitants, beautifully situated among the mountains of Western Oregon, in the great fruit producing Chehalem Valley. It is a temperance town and has a moral and enterprising class of people. Parents desiring to place their children in a school where the community is interested in keeping out undesirable influences, and in encouraging religion and education, will find no better place than Newberg. The college is the special object of interest to the citizens, and no pains are spared to make both the college and the town home-like and agreeable to students. The homes of the best citizens are open to them and the exercises in the churches and Sabbath schools are specially adapted to their needs.

COURSES OF STUDY.

Preparatory Department.

SUB-PREPARATORY YEAR.

Arithmetic.	English Grammar.
Geography.	Reading and Spelling.

JUNIOR PREPARATORY YEAR.

Fall Term.

Arithmetic.	English Grammar.
Physiology.	

Winter Term.

Arithmetic.	Grammar.
U. S. History.	

Spring Term.

Arithmetic.	Civil Government.
Composition.	

SENIOR PREPARATORY YEAR.

Fall Term.

Latin.	Algebra.
Elementary Physics.	

Winter Term.

Latin.	Algebra.
Book Keeping or Zoology.	

Spring Term.

Latin.	Algebra.
Physical Geography.	

COURSES OF STUDY.

College Department.

FRESHMAN YEAR.

First Term.

Classical.

Geometry—*Wentworth*.
Latin—*Cæsar*.
General History—*Sheldon*.
Composition.

Scientific.

Geometry—*Wentworth*.
Latin—*Cæsar*.
General History—*Sheldon*.
Composition.

Second Term.

Geometry—*Wentworth*.
Latin—*Cæsar*.
General History—*Sheldon*.
Composition.

Geometry—*Wentworth*.
Latin—*Cæsar*.
General History—*Sheldon*.
Composition.

Third Term.

Higher Algebra—*Wells*.
Latin—*Cæsar*.
English History.
Botany—*Spalding*.

Higher Algebra—*Wells*.
Latin—*Cæsar*.
English History.
Botany—*Spalding*.

SOPHOMORE YEAR.

First Term.

Trigonometry—*Wentworth*.
Latin—*Virgil*.
Greek—*Harper*.
English.

Trigonometry.
German—*Bacon's Neuer Leitfaden*.
Chemistry—*Williams*.
English.

Second Term.

Latin—*Virgil*.

Analytic Geometry.

Classical.

English.
 Greek—*Harper*.
 Greek and Roman History.

Latin—*Cicero—Orations*.
 Greek—*Harper*.
 Philology.
 Greek and Roman History.

Scientific.

English.
 German—*Bacon's Neuer Leitfaden*.
 Chemistry—Analytic.

Third Term.

Surveying.
 German—*Germania*.
 Philology.

JUNIOR YEAR.

First Term.

Latin— <i>Cicero—Essays</i> .	Calculus.
Greek— <i>Xenophon</i> .	German.
Rhetoric.	Rhetoric.
Philosophy of History— <i>Guizot</i> .	Philosophy of History— <i>Guizot</i> .

Second Term.

Latin— <i>Horace</i> .	Physics.
Greek— <i>Xenophon</i> .	German.
English Literature.	English Literature.
Physics.	General Biology.

Third Term.

Latin— <i>Livy</i>	Physics.
Greek— <i>Selections</i> .	General Biology.
English Literature.	English Literature.
Physics.	Zoology.

SENIOR YEAR.

First Term.

Chemistry.	Geology and Mineralogy.
Psychology— <i>Sully</i> .	Psychology— <i>Sully</i> .
Greek— <i>Plato</i> .	History of the Reformation.

Second Term.

Greek— <i>Lysias</i> .	Logic— <i>Jeroms</i> .
Political Science— <i>Walker & Ely</i> .	Political Science— <i>Walker & Ely</i> .
Christian Evidences— <i>Row</i> .	Christian Evidences— <i>Row</i> .

Third Term.

Greek—Selected work.	Political Science— <i>Walker & Ely</i> .
Ethics— <i>Smyth</i> .	Ethics— <i>Smyth</i> .
Astronomy— <i>Young</i> .	Astronomy— <i>Young</i> .

CONSPICUOUS OF THE COURSE OF STUDY.

All students receive one hour per week in Scripture, and each student will appear at least once each Term with a public literary exercise.

PREPARATORY DEPARTMENT				COLLEGE DEPARTMENT							
				Subjects		Class 1		Subjects		Class 1	
				FRESHMAN YEAR		JUNIOR YEAR					
				FALL	WINTER	FALL	WINTER	FALL	WINTER	FALL	WINTER
				SPRING	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING	SPRING
SUB-PREPARATORY											
Arithmetic.....	5	5	5	Geometry.....	5	5	5	5	5	5	5
English Grammar.....	5	5	5	Higher Algebra.....	5	5	5	5	5	5	5
Geography.....	5	5	5	Latin.....	5	5	5	5	5	5	5
Reading.....	4	4	4	General History.....	4	4	4	4	4	4	4
Scripture.....	1	1	1	English History.....	4	4	4	4	4	4	4
JUNIOR PREPARATORY				English.....	1	1	1	1	1	1	1
Arithmetic.....	5	5	5	Botany.....	1	1	1	1	1	1	1
English Grammar.....	5	5	5	Scripture.....	1	1	1	1	1	1	1
English Composition.....	5	5	5	SOPHOMORE YEAR							
Physiology.....	5	5	5	Trigonometry.....	4	5	5	5	5	5	5
U. S. History.....	5	5	5	Analytic Geometry.....	4	5	5	5	5	5	5
Civil Government.....	1	1	1	Surveying.....	5	5	5	5	5	5	5
Scripture.....	1	1	1	Latin.....	5	5	5	5	5	5	5
SENIOR PREPARATORY				Greek.....	5	5	5	5	5	5	5
Algebra.....	5	5	5	Chemistry.....	5	5	5	5	5	5	5
Latin.....	5	5	5	Rhetoric.....	5	5	5	5	5	5	5
Elementary Physics.....	5	5	5	Philology.....	5	5	5	5	5	5	5
Book Keeping or Zoology.....	5	5	5	History.....	5	5	5	5	5	5	5
Physical Geography.....	5	5	5	Scripture.....	1	1	1	1	1	1	1
Scripture.....	1	1	1								
				SENIOR YEAR							
				Greek.....	5	5	5	5	5	5	5
				Psychology.....	5	5	5	5	5	5	5
				History.....	5	5	5	5	5	5	5
				Economics.....	4	5	4	5	5	5	5
				Christian Evidences.....	5	5	5	5	5	5	5
				Eludes.....	5	5	5	5	5	5	5
				Astronomy.....	5	5	5	5	5	5	5
				Geology.....	5	5	5	5	5	5	5
				Logic.....	1	1	1	1	1	1	1
				Chemistry.....	1	1	1	1	1	1	1
				Scripture.....	1	1	1	1	1	1	1

GENERAL STATEMENTS ON COURSE OF STUDY.

The Preparatory Department is designed to meet the wants of those who are not sufficiently advanced to enter the college classes. Experience has taught us that the lack of sufficient mental discipline is a great barrier to successful advancement in the college courses, and for this reason we have extended the work of the Preparatory Course. Those who may not have the time or opportunity to pursue a more extended course of study will find the three years' course here laid down well adapted to give good mental culture, and to fit them for teaching in the common schools. Careful attention is given to the teaching of English.

In the selection and arrangement of the studies of the different courses, the aim has been to give the various branches their proper importance in the curriculum, so that the courses may be symmetrical and full. At the same time differences in taste and purpose on the part of the student are recognized and an effort made to adapt the work to the various demands, without sacrificing thoroughness and efficiency to mere preference or caprice.

It is the purpose to utilize all the forces and equipments so as to give the student the most that he will need in such a way as to secure the best thinking power, doing skill and character force. We strive to give facts and processes, but above all it is the purpose of the college to furnish the tonic that will demand new facts and

better processes all through life. The course of study is arranged with this in view.

In the Classical Course, while those studies are retained which, by the test of time, have proved so productive of mental discipline, the practical studies which the needs of modern times demand, receive a fair share of attention. The Scientific Course is designed to meet the wants of those who do not desire to devote their time to the ancient classics, but yet wish to enjoy the advantages of a liberal education. The aim in both courses is to secure breadth, thoroughness and accuracy of scholarship. Students who wish to pursue the Latin Course, but not the Greek, will be allowed to substitute Latin for some of the scientific studies, and graduate in the Scientific Course. The true object of the College Course is discipline, and it is not so much difference what studies a student pursues as how he pursues them. The *how* is of more importance than the *what* in a liberal education, while neither is to be ignored. Any subject pursued seriously will produce the mental culture needed in practical life.

RELIGIOUS INSTRUCTION.

All the students have one recitation per week from the Bible. The effort is made to present the Bible as the Book of Life; to study it and view it as a whole. It is studied as literature, history, poetry, parable or argument but always as containing the message of inspiration from God to the world. The younger students take Bible History and the advanced classes take some definite part of the Bible and thoroughly study it. Besides this, students attend the daily chapel exercises, Sabbath school, and at least one church service on the Sabbath. Both ladies and gentlemen maintain strong Christian Associations and each hold a prayer meeting at the close of the school day on Tuesday afternoon. Students are cordially invited to attend the weekly prayer meetings of the church on Wednesday evening, and of the Christian Endeavor on Sabbath evening.

DEPARTMENTS AND METHODS OF INSTRUCTION.

PHILOSOPHY AND ECONOMICS.

President Newlin.

Psychology—The principles of this subject are taught with a text-book for a basis of instruction. This is supplemented by a full and free discussion, essays and reports on a required course of reading. Special emphasis is placed upon educational psychology. Sully's Handbook is used. Five hours per week during the Fall term of the Senior year.

Logic—Jevons' text is used in presenting this subject. As soon as the definitions are understood the students are put to practical work in argumentation and the detection of fallacious reasoning, and an effort is made to give the students material to aid them in right thinking. Five hours per week for Scientific Seniors during the Winter term.

Christian Evidences—Row's Manual of Christian Evidences is used as a basis of instruction in this subject. Full discussion and required reading are carried on to bring the argument down to our own time. Modern objections are studied and their validity tested. Five hours per week during the Winter term for all Seniors.

Ethics—In this subject Smyth's Christian Ethics is used as a text, and an attempt is made to show the origin, function and purpose of Christian Ethics, and these are compared and con-

trasted with extra-Christian systems. Five hours per week during Spring term of Senior year.

Political Economy—In this subject after a historical study has been made, of economic science, the modern economic and social questions are studied and discussed, and the students are set to work to investigate for themselves. The subject is not taught to present a theory, but to investigate the facts, and the whole subject is treated largely from the sociological standpoint. Walker's and Ely's texts are used together with various required readings. Winter term Senior year, five hours per week, for all students, and four hours per week during Spring term for Scientific Seniors.

HISTORY AND GERMAN.

Professor Hinehman.

U. S. History—The work in this branch is meant to do more than acquaint the pupil with simple facts. History is alive, and that of the present should be better for a study of the past. The Junior preparatory pupils have five hours each week the Winter term.

General History—This work deals with the helps and hindrances of early civilization, the changes made, and the spread of civilization. The text book used is Sheldon's, which affords admirable opportunity for independent investigation and develops observation, analysis, and judgment. The Freshmen have four hours per week in the Fall and Winter terms.

English History—During the Spring term the Freshmen have four hours a week in this study. Montgomery is used as a text book but the pupils are expected to use for reference any author at hand.

Philosophy of History—The attempt in this work is to develop the science of history as well as the facts that make up history. Essays and required readings are included in this course. Independent and correct thinking are encouraged. The influence of

modern institutional life upon our own civilization is carefully traced. Guizot is used as a text. Four hours per week during Fall term Junior year.

History of the Reformation—The great religious revolution of the sixteenth century is studied as to causes and results together with its influence upon the modern world. It is really the philosophy of the Reformation and gives an insight into all Ecclesiastical history. The facts of this history are presupposed and their science is developed. Four hours per week during Fall term of Senior year for Scientific students.

German—This language is taken up by the Scientific Sophomores and continued throughout the year, and during the first two terms of the Junior year, five hours per week. Bacon's *Leitfaden* and Spanhoofd's *Germania* are used during the first year, and the latter will be used occasionally during the Junior year.

ENGLISH LANGUAGE AND LITERATURE.

Professor Hinehman and President Newlin.

Grammar and Composition—A thorough course in grammar and composition is carried on through the Preparatory Department. The practical use of the language is taught rather than rules and definitions. Great care is used that students may understand and practice correct methods as to punctuation, capitals and the formation of sentences. Essays and declamations are frequently required in this department. In grammar Maxwell's text is used, and Swinton's in Composition.

Rhetoric—The work in English is begun with practical composition in the Freshman year, one hour per week for two terms. Rhetoric is begun in the Sophomore year, and continued during the Fall and Winter terms, three hours per week. Much practical exercise is given in this work and care is used that the student may know how to write and what to write. In the Fall term of the Junior year the science of Rhetoric is studied four hours per

week. This passes on into elementary English Literature, and the different forms of expression are studied.

English Literature—After a brief summary of the history of English and American literature the class passes as once to an analytic study of literature itself. Style, figures and the theme are carefully studied. Literature is studied not for the story it may contain but to ascertain the art of the author. Representative works of Shakespeare, Browning, Tennyson, Bryant and others are studied. The essentials of Prose and Poetry are carefully noted. Five hours per week during Winter and Spring terms, Junior year.

Philology—The history and origin of the English language are carefully investigated. The science of language is included in this course, with a full review of the Indo-European family of languages, and the place, influence and destiny of our own language. Five hours per week during Spring term of Sophomore year.

THE CLASSICS.

Professor Lewis.

Greek—Greek is taken up by the Classical student in the Sophomore year. The Harper Inductive Method is used as a basis for the first year's work, supplemented by selections for sight reading. Five hours per week is required throughout the year.

Xenophon—The Anabasis is used the greater part of the Junior year with the purpose of perfecting a foundation for further work in Greek literature. Five hours per week.

Plato—The Apology and Phaedo taken up during Spring term Junior year and Fall term of Senior year.

Lysias, Sophocles, Demosthenes—Choice selections are studied from these authors the greater part of the Senior year with the purpose of interesting the student in a critical study of Greek literature. Four hours per week are required throughout the year.

Greek Testament—Scripture work in the Gospels and Epistles

required one hour per week of Classical students throughout the Junior and Senior years.

Latin—The study of the Latin language is begun in the Senior Preparatory year. Harper's Inductive Method is used during the first year's work, supplemented by selections of simple style and construction for sight reading. Five hours per week required of all students entering the college course.

Cæsar—The Commentaries are used through the greater part of the Freshman year. So far as possible the students are induced to master the author that they may have a working foundation for the work in Latin literature. Five hours per week during Fall and Winter terms and four hours per week during Spring term required of all Freshmen.

Virgil—Two terms' work in the Æneid, four hours per week during Fall term, and five, during Winter term, required of Classical Sophomores.

Cicero—One term's work in the Orations against Catiline. Five hours per week during the Spring term required of Classical Sophomores.

Horace, Livy, Cicero—A critical study of selections from these writers is made during the Junior year. Required of Classical students four hours per week.

In the classical work inductive and analytic methods only are used.

MATHEMATICS AND SCIENCE.

Professor Jessup.

The object aimed at in the department of Mathematics is to induce logical and analytical habits of thought. The acquisition of a thorough knowledge of general principles and the practical application of the studies pursued.

Algebra—In the Preparatory Department three terms are spent in pursuing this study. Special attention being given to the correct oral analysis of problems. In addition to the thorough work

done upon the elementary principles, the study of equations of two or more unknown quantities, quadratics, radicals, ratio and proportion, and progressions are pursued. In the Spring term of the Freshman year advanced Algebra is studied, Wells' "University Algebra" being used.

Geometry—Geometry is taken up two terms of the Freshman year. Plane, solid and spherical Geometry are studied and special attention given to the solution of original problems, the accurate construction of geometrical figures and polyhedrons. Wentworth's Plane and Solid Geometry. Twenty-six weeks, daily.

Analytical Geometry, Trigonometry and Surveying—During the Sophomore year one term each is spent upon these studies. Peck's Analytical Geometry, Wentworth's Trigonometry and Carhart's Surveying are used. For use in surveying the students have an engineer's transit with solar attachment and much of the time is spent in practical work in the field.

Calculus is studied by the Juniors the Fall term. The infinitesimal method is used with Peck's Practical Calculus as text.

Astronomy—This subject is taught during the Spring term of the Senior year. Young's Astronomy is used. The work is both descriptive and mathematical.

The analytic process is followed in all these studies and the student is drilled in clear expression.

By the instruction given in the Sciences it is the intention to train the student to habits of close observation, comparison, and methods of classification and to furnish him with such a knowledge of scientific facts as to enable him rightly to understand his relation to natural laws.

Human Physiology—This branch is taught in the Junior Preparatory year. Tracy's text is used, supplemented by numerous

reference charts and dissections. Special attention is given to Hygiene.

Elementary Physics—This subject is taught in the Senior Preparatory, Fall term, five hours per week. Cooley's text is used.

Advanced Physics is studied by the Juniors, Olmstead's College Philosophy is used. In the winter term Mechanics, Hydraulics, Pneumatics and Acoustics are carefully pursued. The Spring term is spent in the study of Optics, Heat, and Electricity and Magnetism. Whenever it is possible experiments are introduced demonstrating the scientific principles being investigated. Students are encouraged also to invent and manufacture their own apparatus. Two terms' work of five hours per week.

Biology—Two terms in General Biology are given in the Junior year. Typical forms from both the vegetable and animal kingdoms will be studied. In this work it is the object to train the student how to observe, how to verify and describe what he observes, how to dissect, also how to use the microscope. These instruments being furnished by the College. Two periods per week.

Comparative Zoology is studied one term of the Junior year.

Botany—As a guide in this study Spalding's Introduction to Botany is used. The greater part of the time is spent in field and laboratory work. Frequent recitations are given for the discussion of the observations made. Required of Freshmen, one term, five hours per week.

In the library are found a good number of reference books by standard authors which the student will be expected to consult frequently.

Chemistry—In the first term of the Sophomore year Scientific students will begin the study of General Chemistry with Williams' Elements as a text. The second term is devoted to a study of the properties, and reactions of the metals and common elements, as shown in qualitative analysis. The students are provided with

desk, material and apparatus in the laboratory, and individual performance of the work required. A laboratory fee of \$2.50 per term is charged to cover the actual cost of material used, due at the beginning of the term. Two terms' work, five hours per week.

Geology is taught during the first term of the Senior year. The course includes the outlines of General Geology. Le Conte's Elements of Geology is used. In addition at different times discussions of particular subjects will be prepared by the students and read before the class. Geological excursions and study of special local formations will be made. One term of five hours per week.

COMMERCIAL DEPARTMENT.

Professor Stanbrough.

It is expected that each one entering this course has a good knowledge of arithmetic, at least through percentage. Special attention is given to securing accuracy in business computations.

Book Keeping—During the first term Double Entry is taken up and the student becomes familiar with the use of the Day Book, Journal, Ledger, Cash Book, Bill Book, Sales Book and Check Book, besides being able to make out a balance sheet and such business forms as are of frequent occurrence.

Commercial Law—As the different forms and legal papers come up, the laws regarding their use are discussed, special attention being given to those of such frequent occurrence as notes, drafts, etc.

MUSIC AND ELOCUTION.

The course in vocal music consists of voice culture, individual lessons and chorus work. In Vocal Music opportunity is offered for piano and organ lessons. Frequent recitals are given by this department. A complete course will be outlined.

Elocution will be taught each term, and the quality of voice, force, pitch and gesture are studied and practically applied. Pub-

lic speaking and the readings of the different kinds of literature will be studied.

THE NORMAL DEPARTMENT. ¹

It is the function of a college to send out teachers. The demand, and the success of the students who have gone out from the school as teachers, lead us to give much attention to this important department of work. Instruction will be given in the Theory and Practice of Teaching, and especial attention will be given to methods of Instruction, the art of School Management and other subjects of interest to those who intend to teach. Students of this department can enter any other classes and review preparatory to the county examinations.

The course includes systematic work in all the legal branches, Composition, Physical Geography, Civil Government and Book Keeping. It is the intention to be helpful to teachers in the practical problems of the school room, as well as to secure a good certificate.

TEACHERS' CERTIFICATES.

Under the State law it has been decided by the State Board of Education that persons receiving literary degrees, in course, shall be entitled to a State Diploma after having passed an approved examination in the following subjects: Book Keeping, English Composition, Physical Geography, Algebra, English Literature, Oregon School Laws, General History and Theory and Practice of Teaching. This examination will be held under the supervision of a member of the Faculty, near the close of the Senior year. Persons receiving a State Diploma are entitled to a Life Diploma after six years of successful teaching.

DRAWING AND PAINTING.

Miss Brown.

Opportunity is offered to those students who have the time, and to others not connected with the college, to receive instruction in Drawing and Painting. Work in Crayon, Pastel, Oil

Painting and Water Colors is offered by an efficient instructor. The work done the past year shows very commendable progress. Studies are taken both from nature and from art, and care is used to imbue the student with the intellectual training which comes with true aesthetic culture. The Studio is in the Boarding Hall. Hours and all necessary arrangements can be made with the instructor.

LECTURES.

Frequent lectures are given upon educational, literary and economic subjects, both by members of the Faculty and prominent speakers of the State. It is the intention to acquaint the students with the leading questions of the day by hearing them discussed by men and women who have made a special study of them. This is one of the most important items of the college life.

The following subjects have been discussed in the Lecture Course the past year: By President Newlin, The Development of Character; Sociology; The Lessons from Washington's Life. By J. W. Fairbank, of Seattle, two illustrated lectures on The World's Fair and Ben Hur. A series of addresses on The Rise of Quakerism by Rev. Elwood Scott.

CHURCH HISTORY.

A course of lectures will be given the coming year by Rev. Elwood Scott on Church History. The rise and development of Christianity, the Reformation, and rise of the various denominations, the origin and purpose of Protestantism, with a more detailed history of the origin and development of the Friends Church will be shown in their logical order.

THE LIBRARY AND READING ROOM.

The College Library and Reading Room is a valuable and important item in an educational institution. The valuable library belonging to the Newberg Public Library Association has been added to the College Library, also valuable books of reference have been added the past year. Donations of books by Rachel Grellet

THIRD ANNUAL CATALOGUE

of Medford, N. J., and George W. Mitchell of Newberg, have been made. The Library is now well supplied with Encyclopedias and Dictionaries, and these are increased from year to year.

The Reading Room is well supplied with the leading papers, magazines and reviews. This room will be free to the use of students at such hours as are arranged by the librarian.

LITERARY WORK.

Besides the rhetorical and elocutionary exercises which are held at stated times during the year, the students sustain the Crescent Literary Society. Much good comes to the students in this way, in learning parliamentary usages, public reading and speaking. Twice a year this society holds a public exhibition. It is expected that each student will appear before the public at least once each term, with a literary exercise, either declamation, essay or oration. In this work, as elsewhere, the student is taught to do by knowing and *doing*.

PHYSICAL CULTURE.

Both the ladies and gentlemen have rooms fitted up with apparatus for gymnastic work. Systematic physical work is encouraged and strong associations are maintained. In suitable weather out-door exercises are entered into with much zeal. A spacious campus affords opportunity for base ball, foot ball, tennis and running as well as various other sports—all of which are entered into by the students. Field day, observed toward the end of the College year, is an occasion of much importance to the college.

CHRISTIAN ASSOCIATIONS.

Strong and active organizations are maintained by the Christian Associations. They hold weekly prayer meetings and the young men hold a meeting at 4 o'clock Sabbath afternoons. These have proved very helpful. They are controlled by the students, and aided by the Faculty in every way possible. Frequent recep-

tions and special meetings are held under their auspices. The College has had three visits the past year from State and International Secretaries.

DISCIPLINE.

Every student is expected to be diligent in study, and to deport himself in an orderly, courteous, and moral manner, both in the College and in the community. When a student enters the College, it is assumed that he agrees to have due regard for all the regulations of the institution. All the requirements are designed to promote the welfare of the college community. It is intended to allow the fullest liberty consistent with efficient work. It is taken for granted that the purpose of College attendance is earnest, persistent work, and that social enjoyment must always be subordinate to the regulations made for the accomplishment of the most efficient work. Pacific College is not a reform school; this is a very proper work, but we are not prepared for it. The patronage of students who are already seriously demoralized is not solicited. When the Faculty are satisfied that a student is not fulfilling the expectations placed in him, his parent or guardian will be notified of the fact, and then, if there be no reformation, his removal from College will be requested.

The same course will be pursued when a student does not appear to be benefited by the advantages offered, or shows an unwillingness cheerfully to assist in maintaining good order, or indulges in practices which are detrimental to himself and to others, or to the reputation of the College. All students, whether under parental control or not, are required to observe all regulations as to study hours, evening parties and general deportment. Students are not allowed to attend parties on any evening of the week, nor to leave town except by consent of the Faculty.

Students who are guilty of habitual profanity, the use of intoxicants, playing cards, carrying concealed weapons, or attending dancing parties, forfeit their rights to the privileges of the

College. The use of tobacco in all its forms is forbidden, and students who cannot cheerfully accept the conditions here outlined are requested not to apply for admission.

The Faculty constitute a board of control in regard to matters of discipline, and they are authorized to suspend or dismiss a student whenever in their judgment such action would be for the best interests of the College.

Punctuality and regularity at all College duties are insisted upon, and permission for absence from recitations or from town for a day or longer period, must be obtained in advance, whenever possible.

In order to insure the time necessary for the proper preparation of lessons and to encourage habits of method and industry, an observance of the following study hours is required:

Study Hours, except on Saturday and Sunday, are from 8:45 to 11:50 A. M.; from 1:10 to 3:50 P. M., and after 7 P. M. After May 1, and on Saturday throughout the year, study hours begin at 8 P. M. During these hours students are expected to be in their rooms unless at College exercises or specially excused, and they must not make calls or receive callers during these hours.

Students in any department of the institution may not receive calls or visits at their rooms from persons of the opposite sex, except from members of their own families.

Loafing or spending the time in idleness in public places will not be tolerated.

Students are required to be punctual and regular in their attendance at Sabbath school and public worship on the Sabbath day.

Reports of absence or misconduct will be handed to the President and the student will be expected to report to him for such absence or misconduct, when the penalty will be assigned or the record erased.

Students must pay for, or make good, all damages to College

furniture or property. The amount of damage will be assessed by the Faculty.

REQUIREMENTS FOR ADMISSION.

In order to enter the Freshman class students must pass examinations essentially on the work of the Preparatory Department. Students entering the Preparatory Department will be examined only so far as to satisfy the Faculty of their fitness to pursue the desired studies.

Students are never promoted wholly upon the results of written examinations. Daily records are kept by the teachers, and these are combined with written or oral examinations in order to determine the standing of a student, at the will of the teacher.

Students may enter upon certificate from the Newberg Public School and from other schools whose work is known to the Faculty, and students coming from other schools are required to bring certificates of their standing and honorable dismissal, from their last teacher.

In order to be promoted from one class to another, or from one study to another, students must attain a grade of at least 80 per cent. Students who attain a grade above 70 and below 80 in any subject may, upon giving satisfactory evidence of substantial additional work upon that study, be admitted to a second examination without further class work.

All students are expected to be present at 9 o'clock of the day on which the term opens, and all absence from recitations at the opening and closing of a term will be marked against the grade of a student, as will all unexcused absence during term time.

ADMISSION CARDS.

At the commencement of each term all students must be classified by the President, and shall receive from him a Classification Card. All students must register with the Treasurer and receive

from him a card stating that they have made settlement of dues.

EXPENSES.

Tuition and other expenses are made as low as possible, so as to bring the advantages of the College within the reach of all.

In College Department.

Fall term, (14 weeks,)	\$14.00
Winter term, (12 weeks,)	12.00
Spring term, (12 weeks)	12.00

In Preparatory Department.

	<i>Senior and Junior Years.</i>	<i>Sub-Preparatory Year.</i>
Fall term, (14 weeks,)	\$11.00	\$9.00
Winter term, (12 weeks)	10.00	8.00
Spring term, (12 weeks.)	10.00	8.00

Library fee, per term, in all departments. 25 cents.

Music Department.

Vocal lessons, term of 12 lessons, in a class	\$2.00
Lessons on Organ or Piano, per lesson.	.50

Art Department.

Crayon lessons	.40
Pastel, Oil or Water Colors, per lesson.	.50

The Commercial work and Normal work will be considered as College classes.

The charge for one study is one-half the regular rate of tuition. For more than one study the full rates are charged.

Total Charges to Students Boarding in Boarding Hall, Pacific College.

	<i>Preparatory.</i>	<i>College.</i>
Fall term, (14 weeks.)	\$53.25	\$56.25
Winter term, (12 weeks.)	46.25	48.25
Spring term, (12 weeks.)	46.25	48.25
Total	\$145.75	\$152.75

Total Charges to Those who do not Board in the Boarding Hall.

	<i>Preparatory.</i>	<i>College.</i>
Fall term, (14 weeks.)	\$11.25	\$14.25
Winter term, (12 weeks.)	10.25	12.25
Spring term, (12 weeks.)	10.25	12.25
Total	\$31.75	38.75

Average Annual Expense of a Student at Pacific College.

	<i>Preparatory.</i>	<i>College.</i>
Tuition	\$ 31.00	\$ 38.00
Library fees	.75	.75
Board	114.00	114.00
Washing	10.00	10.00
Books	6.00	8.00
Total	\$161.75	\$170.75

All tuition accounts must be settled at the beginning of the term either by note or cash. When a note is given, if the amount is paid by the end of the term no interest will be charged, otherwise interest will be charged from date. In case of sickness students will be allowed a reduction on future tuition or they may apply the unused tuition on another student but no deduction will be made for absence of less than one month.

FINANCIAL AID.

The College desires to encourage self-supporting students, and such are enrolled every year. Assistance is rendered to students in obtaining employment in the town, and those who desire to aid themselves in this way can generally find the opportunity. As a rule, no capable young man or young woman possessed of good health and a determination to secure a college education, need fail in the attempt. A limited amount of aid is extended to deserving students by the College.

PUBLIC WORSHIP.

While Pacific College is not *sectarian* it is positively Christian, and although under denominational control no attempt is made to proselyte. All students are required to attend the daily morning Chapel exercises. Students are expected to be provided with a copy of the song book used in these exercises. Students are required to attend church on Sabbath morning, and Sabbath school. If not members of Friends church they may select their place of public worship, and having made the selection, they are not expected to change without permission from the Faculty. While students are cordially invited to attend the other religious exercises held by the churches and Christian Associations of the town, such attendance is altogether voluntary.

BOARDING.

The Boarding department of the College is under the direction and control of the Matron. The Boarding Hall is situated near

the College and is comfortably furnished for sixteen ladies and twenty gentlemen. It is a commodious building of two stories and basement. The first story is arranged for ladies. The rooms are 12x15 feet, entirely furnished for use. The furnishing consists of carpet, bed and bedding, table, chairs, wash stand, wash bowl, pitcher and lamp, with a wardrobe in each room. The second story is arranged for gentlemen and is similarly furnished. The entire building is heated by a furnace and a light is furnished. Good meals, well served, are furnished in the dining room. A number of the teachers reside at the Hall and board at the same table with the students. It is the intention to supply teachers and students with good and acceptable board at the lowest possible cost, and at the same time combine the comforts, influences and advantages of a Christian home. We feel confident that we are offering a home in which parents can safely trust their children, knowing that all their needs will be closely guarded. The entire cost of living in the Boarding Hall is \$3.00 per week. Meals alone, \$2.00 per week. Students will be expected to furnish their own napkins, towels and all toilet articles. Where special arrangements are made by parents or guardians, and for just cause, students may board in private families who co-operate with the Faculty in carrying out the regulations of the College, but students will not be permitted to board in families where such co-operation is not freely given. Students may not change their boarding place without consent of the Faculty. The price of board in private families the past year has been \$3.00 per week. To students wishing to reduce the cost of living, opportunity is offered of renting rooms and boarding themselves. In this way the expense is very light.

GRADUATION.

Students who sustain a good moral character, and finish in a satisfactory manner the studies of the Preparatory Department,

upon the preparation and delivery of an original oration, will be presented with a Preparatory Diploma.

Students who complete the College course of study will be granted a College Diploma, upon the preparation and delivery of an original oration. Upon those who complete the Classical Course the degree of A. B. will be conferred, and the degree of B. S. upon those who complete the Scientific Course. These degrees, as well as all the privileges and advantages of the College, are equally open to both ladies and gentlemen. In the College a graduation fee of \$5.00 will be charged, which must be paid before the day of graduation.

Applications for admission or for information in regard to the College should be addressed to

**THE PRESIDENT OF PACIFIC COLLEGE,
NEWBERG, OREGON.**

CATALOGUE OF STUDENTS.

College Department.

GRADUATE STUDENT.

Amos C. Stanbrough, B. S. Newberg.

JUNIORS.

H. F. Allen, Sc., Newberg.

Walter F. Edwards, Sc., Newberg.

Ella F. Macy, Cl., Newberg.

Jesse R. Johnson, Sc., Carmel, Ind.

SOPHOMORES.

Elma Brown, Sc., Scotts Mills.

Oran K. Edwards, Sc., Newberg.

Lida J. Hanson, Cl., Haviland, Kans.

Oliver J. Hobson, Sc., Newberg.

C. E. Stanley, Sc., Newberg.

L. R. Stanley, Sc., Newberg.

FRESHMEN.

Will G. Allen, Sc., Newberg.

H. S. Britt, Sc., Newberg.

Florence Brown, Sc., Scotts Mills.

M. H. David, Sc., Newberg.

E. L. Hampton, Cl., Dundee.

S. L. Hanson, Sc., Minneapolis, Minn.

Berta Kirk, Sc., Newberg.

Gertrude Lamb, Cl., Newberg.

Effie M. Macy, Sc., Newberg.

D. P. Price, Sc., Newberg.

Ore L. Price,	Sc.,	Newberg.
Geo. T. Tolson,	Cl.,	Newberg.
Frank J. Vestal,	Sc.,	Newberg.
Charles Wilson,	Sc.,	Newberg.

Preparatory Department.

SENIORS.

Helen B. Chamberlin,	Newberg.
Dora Crawford,	Newberg.
Myrtle Davis.	Alki, Wash.
Frank Deach.	Newberg.
Ellis F. Hadley,	Dayton.
Silas P. Hill,	Newberg.
Walter Hill,	Santa Ana, Cal.
Murray Hobson,	Newberg.
Anna Hoskins,	Newberg.
Hervey Hoskins,	Newberg.
Cora Judd,	Newberg.
Carroll Kirk,	Newberg.
Lula Lamb,	Newberg.
Geo. Larkin,	Newberg.
Minnie Larson,	Newberg.
Myrtle McDaniel,	Newberg.
Calva Martin,	Newberg.
Julia Minchin,	Dundee.
D. P. Mitchell,	Newberg.
Elva Osburn,	Newberg.
Benj. Patton,	Newberg.
Otta Pickett,	Newberg.
Fred Scott,	Newberg.
Jennie B. Scott,	Newberg.
S. T. Stanley,	Newberg.

Everett J. Townsend,
 Cora D. Vann,
 Clara Vaughan,
 S. E. Weesner,
 Ben Wilson,
 Margaret Williams,
 Ida Woods,
 Walter C. Woodward,

Newberg.
 Tangent.
 Portland.
 Metlakahtla, Alaska.
 Portland.
 Jamestown, N. D.
 Newberg.
 Newberg.

JUNIORS.

James D. Brown,
 Alden M. Chamberlin,
 Willie Crawford,
 Claude B. Cummings,
 Dora Cummings,
 Roy L. David,
 Mabel Edwards,
 Edith Graves,
 Lulu Graves,
 Elmer C. Hall,
 Dell Hampton,
 J. C. Haworth,
 Maud Haworth,
 Leila Hoskins,
 David Jones,
 Walter Macy,
 Clarence McConnell,
 Ruth McCafferty,
 Michael McKern,
 Phebe Mitchell,
 Hugh Nelson,
 Edna B Newlin,
 Samuel W. Poole,
 Charles Redmond,

McMinnville.
 Newberg.
 Newberg.
 Newberg.
 Tualatin.
 Newberg.
 Newberg.
 Newberg.
 Newberg.
 Newberg.
 Dundee.
 Newberg.
 Newberg.
 Newberg.
 Newberg.
 Newberg.
 Newberg.
 Portland.
 Newberg.
 Newberg.
 Newberg.
 Newberg.
 Portland.
 McMinnville.

Orrin Renne,	Newberg.
Laura Scott,	Newberg.
Effie Tolson,	Newberg.
Will Vestal.	Newberg.
Viola E. White,	Newberg.

SUB-PREPARATORY.

Rob Bell,	Newberg.
Luther B. Charles,	Newberg.
Josie Cimino,	Tualatin.
Bertha Cox,	Newberg.
Fletcher Cox,	Newberg.
Hester Henry,	Tualatin.
Van Leavitt,	Newberg.
Perley Maycox,	Champoeg.
Otis Snodgrass,	Newberg.

 Music Students.

INSTRUMENTAL.

Josie Cimino,	Tualatin.
Mabel Edwards,	Newberg.
Dasie Everest,	Newberg.
Bertha Hanson,	Newberg.
Orla Heacock,	Newberg.
Rebbie W. Hinclman,	Newberg.
Mrs. Anna B. Miles,	Newberg.
Edna B. Newlin,	Newberg.
Julia Prentiss,	Newberg.
Dasie M. Stanley,	Newberg.
Bessie Trengove,	Portland.
Ole E. White,	Newberg.

VOCAL.

Jessie Cox,	Newberg.
Mabel Edwards,	Newberg.

Oran K. Edwards,	Newberg.
Hattie George,	Middleton.
J. C. Haworth,	Newberg.
Hester Henry,	Tualatin.
Cora Judd,	Newberg.
Lula Lamb,	Newberg.
Walter Macy,	Newberg.
Edna B. Newlin,	Newberg.
Cora D. Vann,	Tangent.
Frank J. Vestal,	Newberg.
Ben Wilson,	Portland.
Chas. Wilson,	Newberg.
Ola E. White,	Newberg.

Art Students.

OIL PAINTING.

Maggie George,	Middleton.
Jennie Hadley,	Newberg.
Margaret Inglis,	Newberg.
Emma R. Johnson,	Newberg.
Myrtle McDaniel,	Newberg.
Stella McDaniel,	Newberg.
Mattie Stratton,	Newberg.

CRAYON.

Jessie Cox,	Newberg.
Hattie George,	Middleton.
Maude Haworth,	Newberg.
Myrtle Hill,	Newberg.
Nelia Hunt,	Newberg.
Emma R. Johnson,	Newberg.
Lula Lamb,	Newberg.
Mrs. Tate,	Newberg.
Lida Wilson,	Newberg.

	PASTEL.	
Myrtle Hill,		Newberg.
Margaret Inglis,		Newberg.
Emma R. Johnson,		Newberg.
	DRAWING.	
Hattie George,		Middleton.
Nelia Hunt,		Newberg.

SUMMARY.

COLLEGE:			
Graduate Student	- - - - -	1	
Juniors	- - - - -	4	
Sophomore	- - - - -	6	
Freshmen	- - - - -	14	25
PREPARATORY:			
Seniors	- - - - -	33	
Juniors	- - - - -	29	
Sub-Preparatory	- - - - -	9	71
MUSIC DEPARTMENT:			
Vocal	- - - - -	15	
Instrumental	- - - - -	12	27
ART DEPARTMENT:			
Oil Painting	- - - - -	7	
Crayon	- - - - -	9	
Pastel	- - - - -	3	
Drawing	- - - - -	2	21
Total	- - - - -		144
Counted Twice	- - - - -		28
Whole number enrolled	- - - - -		<u>116</u>

