

747
CATALOGUE

OF

Agricultural College,

CORVALLIS, OREGON.

1872—1873.



SALEM, OREGON :

E. M. WAITE, BOOK AND JOB PRINTER.

1873.

EIGHTH ANNUAL CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

Corvallis State Agricultural College,

CORVALLIS, OREGON.

1872—1873.



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REV. J. EMERY, A. M.,

PROFESSOR OF MATHEMATICS.

B. L. ARNOLD,

PROFESSOR OF LANGUAGES.

H. McN. FINLEY,

PREPARATORY DEPARTMENT.

MISS CLARA A. WATT,

TEACHER OF FRENCH AND PRIMARY DEPARTMENT.

MRS. ALICE NESBIT,

MUSIC DEPARTMENT.

CAPTAIN BOSWELL has kindly aided us in the Military Department, for which we return sincere thanks. We hope to procure his services in future as a regular officer of the College.

Alumni et Alumnae.

1870.

JAS. K. P. CURRIN, B. S. Cottage Grove.
ROBT. McVEATCH, B. S. Cottage Grove.
ALICE E. BIDDLE, B. S. Corvallis.

1871.

GEO. F. BURKHART, B. S. Lebanon.
H. McN. FINLEY, A. B. Corvallis.
JAS. D. FOUNTAIN, B. S. Jacksonville.
W. R. PRIVETT, B. S. Corvallis.
MARY J. HARRIS, B. S. Corvallis.
FANNIE J. KENDOLL, B. S. Corvallis.

1872.

THOMAS C. ALEXANDER. Benton County.
JOHN B. ELGIN. Benton County.
ROSA JACOBS. Corvallis.
ALONZO J. LOCKE. Corvallis.
JAS. K. P. WEATHERFORD. Linn County.

Students.

Avery Napoleon.....	Corvallis.
Burnett Alice.....	"
Burnett Ida.....	"
Butterfield Lizzie.....	"
Butterfield Ella.....	"
Butterfield Maggie.....	"
Butterfield John.....	"
Burnett Mary E.....	Roseburg.
Brock Geo.*.....	Linn County.
Brock Vineyard.....	"
Brock Clara	"
Berry Henry*.....	Polk County.
Baxter Perry*.....	Benton County.
Bagley Oren J.....	Polk County.
Berry Samuel J.....	Polk County.
Bryson John R.*.....	Brownsville.
— Cauthorn Annie	Corvallis.
Cauthorn Franklin.....	"
Chrissinger French*.....	Linn County.
Chrissinger Robert.....	"
Clingman Horace*.....	"

*.Agricultural student.

Curriu George*	Clackamas.
Chapman Wm.	Kerbyville.
Carter Orville.	Corvallis.
Crawford Thomas H.*	Clackamas County.
Crawford Wm. C.*	"
Davis Elleanorah.	Benton County.
Davis Zedekiah.	"
Davis Thomas.	"
Davis George.	"
Doshe Mary.	Corvallis.
Doshe Charley.	"
Edmiston James E.*	Clackamas.
Eglin Mary A.	Corvallis.
Eglin George.	"
Eglin James.	"
Emery James Mc.	"
Emery Willie E.	"
Fuller Reuben*	"
Fuller George.	"
Friedly Arthur.	"
Grimes George*	Harrisburg.
Gerhard George*	Corvallis.
Herrin Wm. F.*	Jacksonville.
Houck Jesse.	Corvallis.
Houck Agnes.	"
Hedgpeth Joel*	Polk County.
Hamilton Milton.	Corvallis.
Hamilton James W.	Roseburg.

Ison Oscar L.*	Baker City.
Jacobs Isaac	Corvallis.
Jacobs Eda	"
Jacobs Isadore	"
Job Zephin	"
Johnson Robert	"
Job Benjamin	"
Keeton James*	"
Keeton John	"
Kline Pauline	"
Kline Moses	"
Liggett Leander N.*	"
Liggett Clifford	"
Liggett Wilbur	"
Lewis Mark	Benton County.
Liggett Minnie	Corvallis.
Linn Edmund	Clackamas County.
Lowell James*	Polk County.
Mosier Arthur*	Canyon City.
Moore Franklin	Lane County.
Moore Mary	"
Moore Lillie	"
May J. W.*	Clackamas.
Neugass Moses	Corvallis.
Neugass Bertha	"
Osborn James	Benton County.
Osborn Mary	"
Osborn David	"

Payton John A.*	Baker City.
Right John*	Corvallis.
Right Mary	"
Rounds Hezekiah*	Lane County.
Robenett Moses	Linn County.
Strahan Fannie	Corvallis.
St. Clair Wayman	"
Sears Lewis*	Lane County.
Scott John	Corvallis.
Sprenger Gertrude	"
Sears Laura	Polk County.
Thompson Newton*	Benton County.
Taylor Lou	Corvallis.
Taylor Emmett	"
Taylor Jessie	"
Thayer Clara	"
Thayer Emma	"
Vineyard John*	Benton County.
Wrenn Alice	Corvallis.
Wrenn Walter	Linn County.
Woolly Laben	Benton County.

Course of Study.

The course of study is distributed into schools as follows:

- I.—School of Physics.
- II.—School of Mathematics.
- III.—School of Moral Science.
- IV.—School of Language.
- V.—School of History and Literature.
- VI.—School of Engineering.
- VII.—Special Studies of Agriculture.

I.—SCHOOL OF PHYSICS.

This School comprehends three departments, viz:

- A.—Chemistry.
- B.—Natural Philosophy.
- C.—Biology.

A.—CHEMISTRY.

This study occupies two years.

FIRST YEAR.—Chemical Physics and Inorganic Chemistry.

SECOND YEAR.—Organic Chemistry, Laboratory exercises during the entire course.

TEXT BOOK.—Miller.

Remark I.—All students (except State students) who attend this class, must pay an incidental fee of two dollars.

Remark II.—No one can understand Biology, Mineralogy, Agriculture, Geology, in their principles, without a knowledge of Chem-

istry; hence students must study Chemistry before entering upon these subjects, or they must be studied concurrently with Chemistry.

B.—NATURAL PHILOSOPHY.

The doctrines of Light, Heat and Electricity are taught in this department; also Mechanics in its lower forms; Astronomy, and for the present, Mineralogy, Geology and Meteorology. These subjects will be discussed in the light of the correlation and conservation of forces. We are prepared to demonstrate experimentally the more important principles taught here.

TEXT BOOKS.—Silliman's (Physics), Dana, Loomis, Maury, Olmsted, Peck, Tyndall.

C.—BIOLOGY.

Here come to be considered the general principles of life on its physical side. Vegetable and Mineral Physiology, Botany, Zoology.

TEXT BOOKS.—Huxley, Carpenter, Gray or Wood, Agassiz.

The more important principles will be demonstrated by microscope. We hope to have a Spectroscope this year, when spectroscopic analysis will be taught.

II.—SCHOOL OF MATHEMATICS.

This course is divided into three classes—Junior, Intermediate and Senior.

JUNIOR.—Algebra and Geometry completed. Trigonometry, Surveying and Navigation.

INTERMEDIATE.—Analytical Geometry. The Differential Calculus, Descriptive Geometry.

SENIOR.—The Integral Calculus.

Preparations necessary for entering the Junior Class.

Students must pass an examination on higher Arithmetic and

higher Algebra to Quadratics, and on four books in Geometry before entering the Junior class.

TEXT BOOKS.—Davies, Loomis, Courtenay, and Todhunter for reference.

III.—SCHOOL OF MORAL SCIENCE.

Here are taught,

- 1.—Mental Philosophy.
- 2.—Logic.
- 3.—Inferential Psychology, (Rhetoric and Ethics.)
- 4.—Political Economy.

TEXT BOOKS.—Hamilton, Mill, Wayland and Butler.

IV.—SCHOOL OF LANGUAGE.

This school is divided into two Departments:

- A.—Ancient Language.
- B.—Modern.

A.—ANCIENT LANGUAGE.

Here are taught Greek and Latin.

FIRST—Greek. There are two classes, Junior and Senior.

Junior class will read Xenophon and Homer.

Senior will read Demosthenes, Plato, Thucydides and some Tragedy.

LATIN.—Two classes, Junior and Senior.

Junior, books read—Cæsar, Virgil and Livy.

Senior, books read—Horace, Cicero, Tacitus and Juvenal.

Exercises written in each language, required throughout the course.

Greek Grammars.—Kuhner's Elementary, Hadley, Goodwins' Moods and Tenses, Liddell and Scott's Lexicon.

Latin.—Gildersleeve's Grammar, Harrison's, Gildersleeve's Exercise books, Andrew's Lexicon.

Preparation necessary to enter this School.

1.—GREEK.

Xenophon's Anabasis entire, and five books of Homer. The pupil must have written all the exercises in Kuhner's Elementary Greek Grammar, as far as Syntax; must be able to give with readiness all the synopsis of the verbs; give mode, vowels and personal endings.

2.—LATIN.

Cæsar entire, Salust and Ovid, Andrew's edition, if the latter will be sufficient.

The students must be able to inflect nouns and verbs with facility; must have written through the 1st and 2nd courses of Gildersleeve's Latin exercise book, or be able to write it with correctness and some degree of ease.

B—MODERN LANGUAGE.

This course comprehends French and German.

1. **GERMAN**.—Ahn's Grammar for beginners and Whitney's for advanced students, besides the readers; such authors and parts of authors will be read as the teachers may deem fit.

2. **FRENCH**.—De Vere's Grammars and Readers; besides Readers, such authors and parts of authors will be read as the teacher may deem fit.

V.—SCHOOL OF HISTORY AND LITERATURE.

1. **HISTORY**.—History of Greece, of Rome, of England, of United States.

2. **LITERATURE**.—History of the English language and Literature; English Grammar; a portion of Aesthetics; Anglo-Saxon form of English.

TEXT BOOKS.—Smith's Smaller Histories of Greece and Rome; Smith's Student's Gibbon's Decline and Fall, and the Student's Hume's History of England by the same author; Taylor's Manual of Modern History.

TEXT BOOKS IN LITERATURE.—Kaines' (criticism); Brown's English Grammar, Harl's English Literature and American Literature; Shakspeare; Corson's Hand-book of Early English.

VI.—SCHOOL OF ENGINEERING.

This department cannot be fully organized yet for want of funds. Besides what of this course is taught in the schools of Mathematics and Physics, we teach Drawing and Descriptive Geometry, Shades and Shadows and general principles of civil engineering.

TEXT BOOKS.—Warren, Church, Mahan.

VII.—SPECIAL STUDIES OF AGRICULTURE.

The general principles of Agriculture are taught in the Chemical department. The following *special* studies are taught: Composition and analysis of soils; preparation of soils, manures, modes of drainage, &c. Methods of preparing farm buildings, stock raising, fruit culture, and as soon as possible the special Geology of Oregon.

TEXT BOOKS.—Johnson's Analysis of Soils—How plants grow; Liebig, Allen's Farm Book, Goodales on Stock-Breeding, and Downing on Fruit Culture, and at an advanced point in the course, Kemp's Landscape Gardening.

All agricultural students must recite daily in this department.

MILITARY DRILL AND MANUAL LABOR.

All State students required to drill once a day, and perform a small amount of manual labor on the farm.

NOTE.—PRACTICAL MECHANICS.—As soon as funds and circumstances justify, Practical Mechanics will be taught, when the student will have an opportunity of acquiring a practical dexterity in the various trades.

Degrees and Examinations.

DEGREES.

There are four degrees conferred in this institution.

1. The degree A. M., conferred on all who complete the course in the study of Physics, Mathematics, Moral Philosophy, History and Literature and Language.

2. The degree A. B. on such as complete the course in the schools of Physics, Moral Philosophy, Mathematics and Ancient Language.

3. The degree B. S. on such as complete the course in the schools of Physics, Mathematics, Moral Philosophy, Engineering, and Special Department of Agriculture.

4. The degree of Graduate of a School on such as complete the course in any school.

Remark. The title "Proficient" will be granted to any candidate for degrees, who shall have passed two successful examinations, one of which must be final.

EXAMINATIONS.

Stated examinations all done in writing; they are of two kinds—Intermediate and Final. The final examination occurs at the end of the year.

Failures to pass at examination.—No student failing to pass at examination on any study, will be admitted to a second examination on that study during the same year.

Candidates for degrees, will, at their final examination, be examined on the *entire course*. Students in the Ancient Languages will

be examined for a degree in the Classical Authors at the will of the Professor, and this examination will not be confined to the authors read by the student during the session in the lecture room.



Regulations.

We require but two things of students, viz.; *gentlemanly conduct and good lessons*—these are unconditionally required.

By gentlemanly conduct, we mean that all students are required to behave toward each other and toward teachers as the laws of refined society direct.

GOOD LESSONS.—We mean by “good lessons” that students will be required to attain in daily recitations at least 50; our standard of perfect lessons being 100. Everything like inattention, talking, communicating in any way whatever during recitations, and being tardy at recitation, will detract from merit of recitation. Students persisting in a violation of these rules will be promptly dismissed.

We sincerely hope that no student who does not intend to obey *cheerfully* these simple laws, will apply for admission.

REMARK 1.

No student from other schools will be admitted to this school, unless he bring a certificate of good conduct from the President of that school.

REMARK 2.

No student will be allowed to take up less than three studies, or more than five, except in special cases.

REMARK 3.

No student will be allowed to change a study in any case, or discontinue a study, unless, in case of ill health, he bring a certificate from a physician of good standing that such change or discontinuance is absolutely necessary, or the faculty see fit to allow such change or discontinuance.

REMARK 4.

All cases of disorder at recitation, absence from recitation, &c., will be reported and students permitted to render their own excuses upon honor, and in writing; their excuses to be submitted to the entire faculty for examination, and demerits awarded accordingly. But in all cases students must state *special* not *general* reasons. It will not do to say, "I had important business," but the kind of business must be stated, and the faculty must decide its *importance*.

REMARK 5.

The laws of the State forbid drunkenness, gambling, riotous conduct of any kind, attending saloons; penalty for persistence—expulsion.



Miscellaneous.

LOCATION.

The College is located at Corvallis, Benton county, Oregon. This is a pleasant and healthful place.

SESSIONS.

The scholastic year consists of ten months, of twenty days each. This is divided into three equal terms as heretofore.

EXPENSES.

TUITION PER TERM.

Primary Department	\$ 6 00
Preparatory (English) Department.....	\$8 00 & 10 00
Preparatory (Classical).....	12 00
Collegiate (Irregular)	13 00
Collegiate (Regular).....	15 00

EXTRAS.

Modern Languages, each.....	8 00
Graduating fee, Classical Course.....	10 00
Graduating fee, Scientific.....	8 00

All this must be paid in U. S. Gold Coin.

BOARD.

Board cost from three to four dollars a week.

TO THE PUBLIC.

Let no one trust a minor without the permission of his or her parent or guardian.

REPORTS.

Regular monthly reports are sent to parents; these reports show the standing, deportment, &c.

LITERARY SOCIETIES.

There are two Literary Societies (the Adelpian, and Gramma Chi.) These societies meet weekly for literary exercises.

CALENDAR FOR 1873-'74.

First term begins September 2d, 1873.

Second term begins December 8th, 1873.

Third term begins March 8th, 1874.

Commencement day, June 14th, 1874.

FINAL REMARKS.

1. It is presumed that all students attending this school, seek honors in scholarship; this they *cannot get* without passing a thorough examination, for we will pass no man to degrees unless he pass the *examination required*.

2. All undergraduates attaining at examination 75 per cent., will receive a certificate of distinction.

3. All graduates of this school can attend lectures in any school in which they may have been passed to graduation, *free of charge*.

4. There will be no holidays except one or two days at Christmas, and this at the option of the faculty.

5. All absentees from recitation will receive the mark of failure at recitation, whether absent with excuse or without it, unless in case of protracted, serious sickness.