R. E. COMBES

SEDDON MEMORIAL TECHNICAL COLLEGE

Prospectus

OF THE

Technical High School

AUCKLAND

COMMERCE

SCIENCE

AGRICULTURE

TECHNOLOGY

Session 1916

CLASSES COMMENCE THURSDAY FEBRUARY 17th, 1916.

Clark & Matheson, Printers, Albert Street, Auckland. 48130

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AGRICULTURE

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STAFF

Director of Technical Education and Manual Training:

GEO. GEORGE, F.I.C., F.C.S., M.R., San. I.

Late Headmaster of the Sutherland Technical Institute, Longton, Staffordshire, and of the Longton High School; Associate of, and late Colston Exhibitioner and Assistant Master at, the Merchant Venturers' Technical College, Bristol.

Art:

JOHN W. ASH, late Second Art Master, School of Arts and Crafts, Dudley.

DAVID J. PAYNE, late of the Birmingham Municipal School of Art.

Agriculture, Agricultural Chemistry and Stock Judging:

ARTHUR V. DONNAN, Diplomé in Agriculture of the Hawkesbury Agricultural College, New South Wales.

Applied Mechanics, Geometry, Heat Engines and Mechanical Drawing:

CHARLES CARROL ALLEN, A.M.I.M.E., Wh. Ex., late Chief Lecturer in Mechanical Engineering, Municipal Technical School, Coventry.

Practical Mathematics and Commercial Arithmetic:

GILBERT P. O'SHANNASSY, Ph.D. (Rome), formerly Senior Mathematical Master, University High School, Melbourne.

ROBERT McLAREN, M.A. (Glasgow).

(Also additional appointment being made.)

Carpentry and Joinery and Manual Training (Woodwork):

ARTHUR D. TRENDALL, A.B.I.C.C., Honours in Carpentry and Joinery, City and Guilds of London Institute.

Foundry Work, Turning and Fitting, Pattern-making and Manual Training (Metal Work):

JOHN W. JAMESON, late General Engineer, Murrays, Ltd., Invercargill.

Magnetism and Electricity, and Theoretical and Practical Physics:

FRANK L. N. TUCK, B.Sc. (Lond.), Assoc. C.G.I. (Lond.), A.M.I.E.E., formerly Estimating Engineer, Foreign Department, A.E.G., Berlin.

FREDERICK E. MASON, Undergraduate (1st Section B.Sc.), University of New Zealand.

Theoretical and Practical Chemistry:

THE DIRECTOR.
FREDERICK E. MASON.

Hygiene, Human Physiology, Science of Common Life, and Plant and Animal Life:

FREDERICK NEVE, M.A., LL.B., B.Sc.

English, History and Commercial Geography:

HENRY R. URQUHART, M.A.
HENRY W. MAYO, B.A., B.Sc. (Lond.), L.C.P. (Lond.).
ROBERT McLAREN, M.A. (Glasgow).

Bookkeeping, Business Methods, Shorthand, Typewriting, Commercial History and Commercial Handwriting:

ROBERT J. THOMPSON, late Instructor at Rangiora Technical School.
CHARLES J. HICKSON, late Commercial Master at Napier Technical College.
MISS ELIZABETH M. WILCOX, late Commercial Instructor, Gisborne High School.

Cookery, Laundry Work and Housewifery:

MISS MARGARET L. RENWICK, late Organising Instructor in Domestic Science to the Campbelltown Board; Diplomée in Cookery, Dressmaking, Laundrywork and Housewifery.

(Also additional appointment being made.)

Dressmaking and Needlework:

(Appointment being made.)

Millinery:

(Appointment being made.)

Physical Culture for Girls and Organised Games:

MISS FLORENCE BOYNTON.

Chief Clerk and Registrar ..	MISS FLORENCE J. RANKIN.
Accountant	MISS MARY F. BARCLAY.
Senior Typiste	MISS ELMA BRADBURY.
Junior Typiste	MISS FLORENCE H. PARDINGTON.
Junior Clerks	HAROLD BELCHAMBER AND ARTHUR E. PLAYLE.

BUILDINGS AND EQUIPMENT.

Previous to the end of 1912 the City of Auckland possessed no permanent building of the nature of a Technical College, technical teaching having been carried on for many years in more or less unsuitable temporary buildings. Thanks largely to the generosity of the Auckland Savings Bank Trustees, who donated a sum of £10,000, and of several leading citizens who contributed sums ranging from £200 downwards, the first three storeys of a new Technical College have been erected in Wellesley Street East. This College is called the "Seddon Memorial Technical College," and, when completed, will be the finest institution of its kind south of the line. The cost of the first three storeys, with equipment, was about £36,000, and an additional sum of £20,000 is urgently required to add the two top storeys to the present portion.

In the new College, every attempt is made to provide instruction on the most modern lines. The workshops, laboratories, class rooms, etc., have been specially designed and fitted up in a thoroughly up-to-date manner.

The illustrations, showing the various workshops, laboratories, etc., of the College, have been made from photographs taken at the College by the Director and Mr. A. D. Trendall, Chief Instructor of the Building Trades Department. The blocks were made by W. Dawson, photographic engraver, Auckland.

DISTINCTIVE AIMS OF THE DAY SCHOOL.

The object of the Technical High School is to offer to boys and girls who have passed through the Primary School course, a **practical education** in the training of all the faculties. By a combination of hand with head work, the pupil is able to find and exercise his best powers whilst obtaining accurate information in many practical matters. The work is broad and liberal in its scope and universal in its applications. The School aims at surrounding the boys and girls with the realities of life, not only in thought, but in things, and to fit them for their environment. By the proportion of intellectual, manual, and art work which the courses provide, the pupils are trained mentally, physically, and æsthetically. The shop exercises are planned to embody many constructive principles, and give the pupil that kind of skill and constructive ability which will enable him to take up any trade. An educated hand, like an educated head, is not limited to a single line of effort, but can shift and adapt itself to the changing conditions of life.

It is not expected that all those who take the Science and Technological course will become mechanics. It is confidently believed, however, that those who do, and who work hard, will be **good** ones. But those boys who do not enter mechanical pursuits will be well repaid for the time spent in the workshops. The exercises contribute to general intelligence, and are almost equally useful to all classes, especially to those who are in any way connected with practical pursuits. Even the lawyer, the doctor and the tradesman find that it is becoming more and more impossible to disassociate their business from those that require frequent exercises of mechanical judgment.

WHAT THE SCHOOL PROVIDES FOR GIRLS.

The facilities which the Technical High School offers to girls are as attractive as are those which it offers to boys. By a careful inspection of the courses of study, it will be seen that they are broad and elastic enough to yield to the individuality and taste of different pupils.

NOT A CRADLE FOR THE LAZY AND INDOLENT.

The Technical High School will not be a comfortable place for triflers. Students will be held to a strict attention to business—a habit which is indispensable to success in life. "Work while you work, and play while you play," is a safe maxim, and one which is insisted on in every department of the School.

NOT A PANACEA.

It is not claimed that the Technical High School will be a panacea for all educational ills. It is simply a School which attempts to meet the demands of modern citizenship, and to direct the energies of boys and girls into channels which will be of the most use to them in contributing to their physical, intellectual, and moral well-being. The School has nothing to offer in the way of "short cuts" or "royal roads" to learning, but will proceed along those old-fashioned and sober lines of patient and painstaking industry, which alone can lay the foundation of success.

Boys and girls, as a rule, pass out of the Public School with Standard VI. Certificates of Proficiency at the age of 13 or 14 years. They are then too young to commence learning a trade or profession; the interval is often filled up for the next two years by girls staying at home, and by boys taking up such situations as message or office boys, or in some other way which has little relation to the occupation which they intend later on to follow. During this interval, too, a great deal of the knowledge obtained at the Public School is forgotten, and when the boy does at last commence his apprenticeship, and at the same time enters the Evening Classes of the Technical College, he finds himself at a considerable disadvantage as regards continuing his studies.

From the courses given on pages 12-15 parents will make a selection for their boys and girls according to the occupation, trade, or profession that they intend them to follow.

The attention of parents is especially directed to the course of instruction in Domestic Science for girls, particulars of which will be found on page 14. Nothing is of greater importance to the community than that our girls should receive such training as will fit them to become good wives and mothers, and the course of training now offered at the College is such as will prove useful to girls, no matter what station in life they may occupy.

This course was inaugurated for the first time at the commencement of 1908, and the parents of those girls who have been in attendance since that time are most enthusiastic over the benefits their daughters have derived.

During the first two years' attendance at the College Day Classes, all pupils, no matter what course they have entered for, receive special instruction in the following:—

(1.) **Handwriting.**—Systematic instruction is given in Commercial Handwriting, a style having been adopted which is not only legible when carefully written, but which does not degenerate into a scribble when one has learnt to use it rapidly.

(2.) **English, Composition, Letter-Writing, Paraphrasing and the Cultivation of Literary Taste.**—That comparatively few people are able to express themselves concisely and accurately in their

mother-tongue is generally recognised; that a knowledge of the meaning of words and phrases is essential to students, and that the cultivation in the young of a taste for good literature is of the utmost importance, are universally admitted.

(3.) **The Cultivation of Neatness, Accuracy, Resourcefulness, and Manual Skill; Attention to Detail; Development of Character.**—"Whatever is worth doing, is worth doing well," seems to be an axiom that is almost forgotten in these days of "rush" and "make-money-quickly."

(4.) **The Importance of Courtesy and Good Manners.**—Even in democratic countries success in life depends largely on personal manners; "civility" does not mean "servility."

(5.) **Health and Personal Hygiene.**

ADMISSION TO THE CLASSES.

Free Pupils.

The Day Technical School is free to any boy or girl who satisfies one of the following conditions:—

(a) Is the holder of an Education Board Scholarship, a Junior National Scholarship, or any other scholarship that the Minister shall approve for this purpose, provided that the value of any such scholarship is not greater than £40 per annum in the case of any pupil who is obliged to live away from home in order to attend the Day Technical School, or than £10 per annum in any other case; or

(b) Has qualified for an Education Board Scholarship or a Junior National Scholarship, or, being not over 17 years of age, has qualified for a Junior Free Place in the special examination for Junior Free Places held by the Education Department; or

(c) **Being not over fifteen years of age on the 1st December** preceding the date of his admission to a Free Place,, has obtained a **Certificate of Proficiency,** as defined by Regulations under the Act.

All Junior Free Places Expire when Students reach the Age of 17 years.

Under this scheme, students will be granted **Free** technical education for a period of five years, or until they reach the age of 19 years, provided that they attend regularly; that they receive instruction for the first two years in the compulsory subjects laid down by the Department, viz.: English, Drawing, and Arithmetic, or some branch of Mathematics; that their conduct is satisfactory; and that they pass the necessary examinations at the end of each year.

Note.—No pupil who has attended for two years as a Junior Free Place Pupil at a District High School or at a Secondary School is eligible to hold a **Junior Free Place** at a Technical School. Nevertheless, pupils who have completed their two years as **Junior** Free Place pupils at a Secondary or District High School, and who have passed the examination for a **Senior** Free Place, are eligible for **Free** admission to the Technical College.

In special cases, where it is shown to the Minister's satisfaction that the Free Pupil is unable to obtain at the Secondary School or District High School he is attending, instruction in the subjects required for the course of study he desires to follow, such Free Pupil may, with the consent of the Minister previously obtained, continue his Free Place for the unexpired period thereof at a Technical School.

PAYING STUDENTS.

A student not eligible for **Free** tuition under one of the above clauses, may be admitted to the College on payment of a sum of £5 per annum, provided that the Director is satisfied that the student in question is likely to profit by the instruction provided.

The minimum period for which any student can be enrolled is **one year,** and parents will be required to enter into a **bond** that in the event of their son or daughter not making a full year's attendance at the College from any cause except illness, they will pay to the Board a sum of money equivalent to the loss in capitation sustained by the non-attendance of the pupil at the class.

Should the number of applications exceed the accommodation, the Board reserves the right to select the students in any manner it may deem advisable.

FORMS OF APPLICATION.

An Application Form will be found at the back of the Prospectus. Additional Forms can be obtained from the College, in Wellesley Street East.

RAILWAY PASSES.

Free Place Students who require them will be provided with **Free** Railway Passes to travel to and from College.

Railway Tickets are also issued at **Reduced Rates to Paying Pupils,** the charge being :—

To students **under** 16 years of age, 10/- per quarter, second class.

To students **over** 16 years of age, but not exceeding 20 years of age, £1 per quarter, second class.

SCHOOL TERMS AND HOLIDAYS.

The School Year is divided into two terms, and the holidays are as follows :—One week at Easter, a fortnight at Midwinter, a week at Michaelmas, and eight weeks at Midsummer.

The Session commences Thursday, February 17th, 1916

THIRD YEAR CLASS, BUSINESS TRAINING PUPILS, 1915.

SECOND YEAR CLASS A, BUSINESS TRAINING PUPILS, 1915.

SECOND YEAR CLASS B, BUSINESS TRAINING PUPILS, 1915.

FIRST YEAR CLASS A, BUSINESS TRAINING PUPILS, 1915.

FIRST YEAR CLASS B, BUSINESS TRAINING PUPILS, 1915.

FIRST YEAR CLASS C, BUSINESS TRAINING PUPILS, 1915.

ENGINEERING CLASS, 1915.

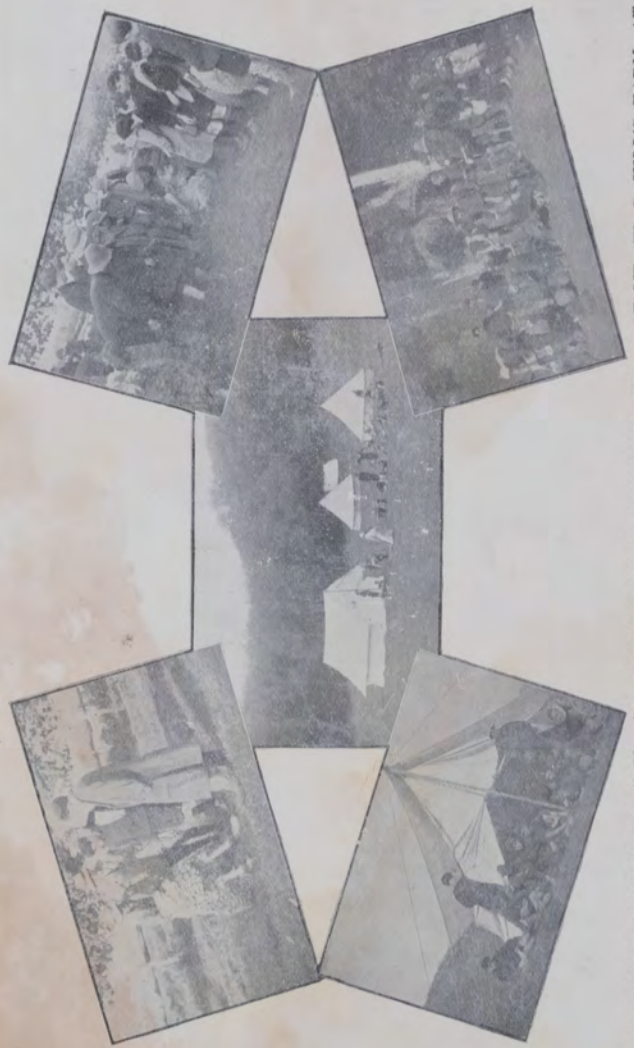
SECOND YEAR CLASS, SCIENCE AND TECHNOLOGICAL PUPILS, 1915.

FIRST YEAR CLASS A, SCIENCE AND TECHNOLOGICAL PUPILS, 1915.

FIRST YEAR CLASS B, SCIENCE AND TECHNOLOGICAL PUPILS, 1915.

SECOND YEAR AGRICULTURE CLASS, 1915.

FIRST YEAR AGRICULTURE CLASS, 1915.



SNAPSHOTS TAKEN AT CAMP OF AGRICULTURAL STUDENTS, HELD AT MR. W. S. HILL'S FARM AT MAUKU, SEPTEMBER, 1915.

SNAPSHOTS TAKEN AT CAMP OF AGRICULTURAL STUDENTS, HELD AT MR. R. REYNOLD'S FARM AT CAMBRIDGE, NOVEMBER, 1915.

FIRST YEAR CLASS D, BUSINESS TRAINING PUPILS, 1915.

FIRST YEAR DOMESTIC CLASS, 1915.

SECOND YEAR DOMESTIC CLASS, 1915.

THE SENIOR CADET BRASS BAND OF THE TECHNICAL HIGH SCHOOL OF THE SEDDON MEMORIAL TECHNICAL COLLEGE, AUCKLAND.

THE FIRST SENIOR CADET BRASS BAND IN THE DOMINION.

THE THREE-ACRE COLLEGE EXPERIMENTAL AGRICULTURAL PLOT AT OTAHUHU, SHOWING STUDENTS AT WORK.

THE COOKERY KITCHEN.

THE DRESSMAKING ROOM.

THE TYPEWRITING ROOM.

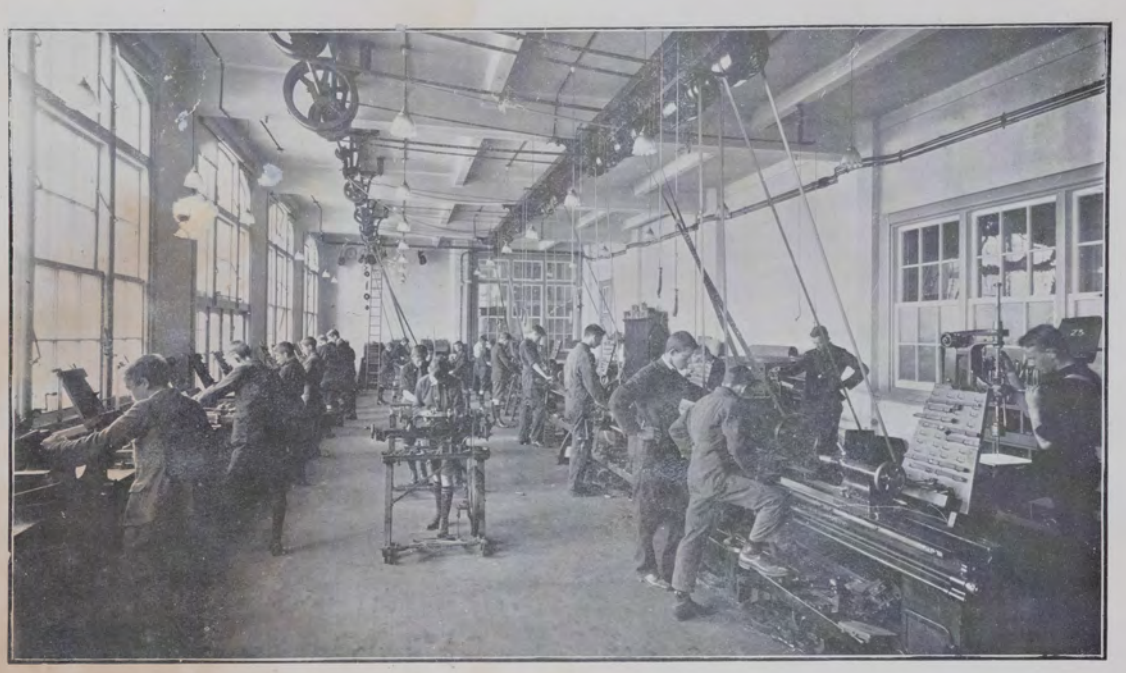
THE GEOGRAPHY CLASS ROOM.

THE ELEMENTARY ART ROOM.

THE PHYSICAL LABORATORY.

THE CHEMICAL LABORATORY.

THE MECHANICAL DRAWING OFFICE.



THE ENGINEERING WORKSHOP.

THE WOODWORK ROOM.

THE DYNAMO AND TESTING ROOM.

FOUNDRY PRACTICE—THE CUPOLA AND BRASS FURNACE.

THE ENGINEERING LABORATORY.

THE SMITHY.

FOUNDRY PRACTICE—MOULDING.

RULES OF THE COLLEGE

1. SCHOOL HOURS.

The classes will be open daily for five days of the week from 9.10 a.m. to 12.30 p.m., and from 1.15 p.m. to 3.45 p.m. Saturday is a whole holiday.

2. COLLEGE UNIFORM.

All boys must wear the College Uniform, consisting of blue serge shirt and knickers, green tie and black stockings with green tops. They must all provide themselves with the College cap or hat and badge. The badge is of gilt enamel, and is sold at the College at one shilling; it is practically indestructible, and will last during the whole of the student's stay at the College. In the case of the boys, the badge is worn on a dark green cloth cap, the cost of which is two shillings, or on a straw hat, which can be supplied for four shillings and sixpence without the badge. The girls must wear the badge on a white straw sailor hat with a dark green band, which is sold at five shillings; they must also wear a blue serge skirt and a white blouse, both of approved pattern, and a black hair ribbon.

During their first year's attendance at the College, all girls cut out and make for themselves summer dresses.

The caps, hats, stockings, and ties must be procured at the College, in order that a uniform colour may be used throughout the School. If these articles are purchased elsewhere they will not be accepted as the College uniform.

In the event of any student being expelled from the College, the College badge must be at once returned to the Director.

3. CADETSHIP.

Under the New Zealand Defence Act, 1910, all boys are required to belong to the College Cadet Corps.

4. HOME LESSONS, REPORTS, ETC.

Home lessons are set each day. The subjects and the amount of home-work for each day are shown on the students' time-tables, which parents are requested to examine carefully. No excuse, except that of illness, will be accepted. Parents are earnestly requested to co-operate with the Director by encouraging regular and punctual attendance, and by seeing that the home lessons are carefully prepared. It is when such co-operation takes place that the best results are obtained.

A detailed report of the work and conduct of each pupil is sent home at the end of each term, viz., in June and December respectively.

5. JEWELLERY.

Girls will not be allowed to wear at the College, rings, bracelets, or jewellery of any description, except a brooch.

6. LUNCHEON.

Pupils must take their luncheons in the class-rooms set apart for the purpose, and they will not be allowed to leave the College premises during the luncheon interval except on the written request of parents, on special forms, which can be obtained on application to the Director.

Luncheon may only be brought in a sandwich tin or serviette. **Paper** packages will not be permitted.

7. LATENESS, ABSENCE, ETC.

Absence, lateness, and neglect of work can only be excused on the special written requests of parents, assigning satisfactory reasons. Verbal excuses are not accepted. When a pupil returns to the College after having been absent, a **written excuse from the parent** must be brought.

Students are not allowed (except in cases of sudden illness) to leave the College during school hours unless a satisfactory reason, in writing, is brought from a parent. Students who are allowed to go home during school hours on account of illness are required to bring a note from a parent on return to the College, stating the hour of arrival home, and the reason of such early arrival.

8. INFECTIOUS AND CONTAGIOUS DISEASES.

No pupil coming fom a house in which there is any infectious disease will be permitted to attend the College, nor will any pupil be allowed to return to College on recovery from illness of a dangerous character, without a medical certificate.

Table showing period of isolation and of quarantine required in the case of the following diseases :—

DISEASE.	Period of Isolation required after suffering from the Disease.	Quarantine after accidental exposure to infection, if disinfection be carried out at the commencement of Quarantine.
Chicken Pox ..	Until every scab has fallen off ..	For 19 clear days
Diphtheria ..	For at least 4 weeks	For 14 days
German Measles	For at least 10 days	For 22 clear days
Measles ..	For at least 3 weeks after the rash has gone	For 19 clear days
Mumps ..	1 week after the subsidence of all swelling	For 25 clear days
Scarlet Fever ..	For at least 6 weeks	For 7 clear days
Small Pox ..	Until every scab has fallen off ..	For 20 clear days
Whooping Cough	For at least 5 weeks	For 14 clear days

9. BOOKS, INSTRUMENTS, ETC.

All books, instruments, etc., required by the pupils **must** be provided by the parents, and are obtainable at the College only. Pupils are requested not to leave any of their books, etc., lying

about the College premises; the Board can take no responsibility for the custody of articles so left.

All breakages made by pupils, either by accident or by design, must be at once paid for.

10. EXTERNAL EXAMINATIONS.

Students are required to sit for such external examinations as may be decided upon by the Director.

Students taking either of the Courses at the College (Agriculture, Business Training, Domestic Science, or Science and Technological), should, provided they work conscientiously, pass the Public Service Entrance or Intermediate Examinations at the end of two years. Further, students having taken the Science and Technological Course for two years, and who attend an additional two years in the Mechanical and Electrical Engineering Course, should, with conscientious work, have no difficulty in passing the Public Service Senior Examination (Professional Division) at the expiration of that time.

11. SPORTS.

A healthy body tends to produce a healthy mind, and every encouragement is given to students at the College to take part in sports and games, such as tennis, basketball, etc., for the girls; and football, cricket, etc., for the boys. On Wednesday afternoons, from 2 p.m. to 3.45 p.m., all students, unless excused by medical certificate, will take part in organised games, sports, or other physical exercises. In order to provide the necessary material for sports and games, a sum of 4/- annually is charged each student. This is to be paid as soon as the pupil enters the School.

Any student who has been in the habit of playing any such games as football, cricket, etc., previous to entering the College, will be required to play for the College team, should he or she be called upon to do so.

COURSES OF STUDY

The following courses of study have been arranged for the 1916 session :—

AGRICULTURE.

This course, which was instituted at the College for the first time in 1912, has already proved an unqualified success. It is intended specially to attract the boy **from** the farm, and also the boy **from the town** who desires to make his living on the land. It will meet the requirements of all who intend to get a living from the land, whether as farmers, farm managers, creamery men, market gardeners, nurserymen, or fruitgrowers. The scope of the work covers those subjects that will prove of direct practical value to the students, when, having finished the course, they return to the land to carry on their work in life. The College aims to teach the joy of farm life as well as the proper scientific methods and practices. It tries to instil into its students that enthusiasm for the work on the farm that will cut the dull edge of drudgery by which haphazard farming is characterised ; it endeavours to teach its students "how to make the most of farm life."

Work in the field is supplemented by extensive laboratory practice, elucidating, inter alia, the principles involved in the various operations of tillage, the application of manures, and the control of insect and fungoid diseases. Instruction, moreover, is given in Agricultural Arithmetic and Account-keeping, as well as in Woodwork and Metalwork, all of which have obviously a direct bearing on the main subject.

The utilitarian subjects are so combined with cultural studies that students will find that the course will greatly help to mould their lives into well-balanced citizenship.

The various workshops, laboratories, etc., of the College are so equipped as to provide thoroughly sound instruction, and great stress will be laid on outside field experiments, which are carried out on a three-acre paddock adjoining Otahuhu Station, and which has been specially loaned to the College for the purpose by the Auckland Agricultural and Pastoral Association.

This paddock has been laid out in orchard, experimental plots, gardens, etc., whilst a large building has also been erected, embracing lecture room, implement shed, workshop, etc., as well as a large dairy for experimental purposes.

Arrangements are made for the holding of a Camp for a fortnight towards the end of the year on some large mixed farm, where the instruction given at the College to Agricultural Students may be supplemented by further practical instruction in Dairying, Stock-

judging, Sheep-shearing, Team Work, etc. During the present year (1915) two most successful Camps were held,—one at Mr. W. S. Hill's farm, "Ti Ti," Mauku, and one at Mr. R. Reynold's farm, "Trecarne," Cambridge.

FIRST YEAR.	SECOND YEAR.
English, including Literature and Civics.	English, including Literature and Civics.
Practical Mathematics.	Practical Mathematics.
Agriculture.	Agriculture.
Agricultural Chemistry.	Agricultural Chemistry.
Bookkeeping.	Bookkeeping.
Metalwork, including Blacksmithing.	Metalwork, including Blacksmithing.
Mechanical Drawing.	Mechanical Drawing.
Carpentry.	Carpentry.
Insect and Plant Diseases.	Insect and Plant Diseases.
Dairying.	Dairying.
Military Drill.	Farm Buildings.
	Oil Engines and Farm Motors.
	Concrete Work.
	Stock Judging.
	Military Drill.

BUSINESS TRAINING.

Junior Course.—This course is intended to provide a Preliminary Business Training for boys and girls who have just completed their preliminary school education, and who propose, at the end of two years, to either (1) enter business, or (2) take up an advanced Commercial Course at the College.

FIRST YEAR.	SECOND YEAR.
English Composition and Literature.	English Composition and Literature.
Practical Mathematics.	Practical Mathematics.
Commercial Correspondence and Précis.	Commercial Correspondence and Précis.
Commercial Geography.	Commercial Geography.
Cookery and Needlework (for girls).	Cookery and Needlework (for girls).
Drawing and Design.	Drawing and Design.
Business Methods and Office Routine.	Business Methods and Office Routine.
Bookkeeping.	Bookkeeping.
Elementary Science.	Elementary Science.
Shorthand and Typewriting.	Shorthand and Typewriting.
Military Drill (for boys).	Military Drill (for boys).
Physical Culture (for girls).	Physical Culture (for girls).
Woodwork and Metalwork (for boys).	Woodwork and Metalwork (for boys).

Senior Course.—This course is intended for students who have received a sound preliminary training such as is given in the Junior

Business Training Course of the College. The course extends over three years, the subjects taken in the **first year** being as follows :—

English Composition and Literature.
Practical Mathematics.
Commercial Correspondence and Précis.
Commercial History.
Dressmaking (for girls).
Metalwork (for boys).
Bookkeeping and Accountancy.
Business Methods and Office Routine.
Drawing and Design.
Shorthand and Typewriting.
Military Drill (for boys).
Physical Culture (for girls).

DOMESTIC SCIENCE.

It is said that "The hand that rocks the cradle rules the world," and there is, no doubt, a great deal of truth in the statement. At all events, it is most important that our girls should grow up to be "womanly women," and take an intelligent interest in the home and its duties. The Domestic Science Course, which was instituted at the beginning of 1908 at the College, is designed to supplement the home training which girls usually receive; and, whilst their general education is not lost sight of, to better fit them for the duties of the home-maker. The Course, therefore, aims at giving the pupil a sound foundation in the different branches of household work, such as Cookery, Needlework, Laundrywork, etc., and at awakening her interest in the important question of sound bodies, wholesome dwellings and real homes. It will prove invaluable to girls, no matter what their position in life may be, and particularly to girls who intend to become Nurses, Housekeepers, Dressmakers, or Milliners.

By the courtesy of Sister Hannah, second year students in this Course attend the Campbell Crèche, to receive practical instruction in the feeding and care of infants.

FIRST YEAR.	SECOND YEAR.
Cookery.	Cookery.
Commercial Handwriting.	Commercial Handwriting.
Drawing and Design.	Drawing and Design.
Dressmaking and Needlework.	Dressmaking and Needlework.
English Composition and Literature.	English Composition and Literature.
Housewifery.	Feeding and Care of Infants.
Human Physiology.	Housewifery.
Hygiene.	Human Physiology.
Laundrywork.	Hygiene.
Millinery.	Millinery.
Practical Mathematics.	Practical Mathematics.
Physical Culture.	Physical Culture.
Science of Daily Life.	Science of Daily Life.

SCIENCE AND TECHNOLOGY.

In order that boys who have passed through the Public Schools may receive a thorough preliminary training which will fit them at the end of two years either (1) to enter upon their life's occupation at some particular trade or profession, such as Mechanical, Civil or Electrical Engineering, Cabinetmaking, Building, Plumbing, etc.; or

(2) to continue their technical training at the College in the Advanced Specialised Technical Courses, the following Two Years' Course of Study has been drawn up :—

English Composition and Literature.
Practical Mathematics.
Handwriting and Commercial Correspondence.
Practical Geometry.
Drawing and Design.
Mechanical Drawing.
Practical Chemistry.
Practical Mechanics and Heat.
Manual Training in Metal.
Manual Training in Wood.
Military Drill.

MECHANICAL AND ELECTRICAL ENGINEERING.

The Full Course of Instruction in Mechanical or Electrical Engineering extends over a period of four years, and students completing the course and passing the various examinations will be granted the Associateship of the College (Assoc. A.T.C.). Before being admitted to either of the Engineering Courses, students will require to satisfy the Director that they have received a sound preliminary scientific education, such as is given in the Two Years' Science and Technological Course of the College, above.

The Engineering Department is well equipped, and the practical work will embrace Engine Building, Lathe Making, etc. Every endeavour will be made to impart the practical knowledge to specially fit students for important positions in Engineering Workshops.

The **First Year's Course** in both Mechanical and Electrical Engineering embraces the following :—

Applied Mechanics.
Chemistry.
English.
Heat Engines.
Magnetism and Electricity.
Machine Construction and Drawing.
Patternmaking.
Physics.
Practical Geometry.
Practical Mathematics.
Turning and Fitting.
Drawing and Design.
Military Drill.

GEORGE GEORGE,
Director of Technical Education and Manual Training.

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December 1st, 1915.