# QUALIFY IN RADIO NOW! SEA-GOING OPERATORS AIR OPERATORS TECHNICIANS SERVICEMEN RADIO OPERATORS

Druleigh trains you in your spare time at home for any career in Radio. Never before have New Zealanders been offered such a wide range of proven home study instruction in Radio at such moderate fees.

### DRULEIGH METHODS OF HOME STUDY INSTRUCTION

have been developed over a period of eighteen years' successful experience training students for all radio examinations. Instruction papers are revised constantly and kept right up to date with the latest developments. They cover the complete syllabus of each Examination, yet there is very little unnecessary matter which tends frequently to confuse and dishearten the student keen to get his examination with a minimum of delay.

Every course is divided into easily graded sections so that the student is taken step by step through even the hardest theory in such a way that no step appears particularly difficult. Each section contains a comprehensive Questionnaire which the student answers and sends into the College for correction and criticism. This enables the College to keep an individual check on each one's progress, and to offer any additional help and guidance which may be thought necessary from time to time.

#### HUNDREDS TRAINED BY DRULEIGH

To-day Druleigh Radio Students are to be found in interesting, well-paid positions all over the world. They are on Atlantic Transport planes, in ships, in radio stations, in research laboratories, and with broadcasting stations, equipped and ready for the even more interesting and well-paid positions which will open up

in civil life after the war as a result of the progress of radio and electronics in Science, Medicine, Agriculture, Industry, Transport and even the Amusement Field. In the post-war world the man qualified by examination will be the man selected for the positions of responsibility and trust.

#### SPECIAL COURSES FOR N.Z. STUDENTS

FIRST-CLASS SEA-GOING OPERATOR

To qualify for this, it is necessary to take the First Class P.M.G. Examination, conducted by the P. & T. Department. The candidate is required to have a thorough knowledge of the fundamental principles of short-wave transmission and reception, telephony, direction finding, auto alarm systems, international regulations, television, and positions of leading world radio stations and cable routes. In addition, he is required to be able to transmit and receive in Morse at a speed of not less than 25 words a minute plain and 20 words a minute code. The examination includes a practical test over a typical ship's transmitter and receiver. There is also a Second Class Examination and a Third Class Operator's Examination. Fee: £15/15/-.

#### AIR SERVICE OPERATOR

In normal times there is a steady demand for qualified men for the Air Service, while, in times of war, men with radio qualifications receive preference. There are special examinations for this work much on the same lines of those for the First Class P.M.G. with additional attention paid to Air Regulations.

#### AMATEUR TICKET

This ticket qualifies the student to build and operate a private short-wave set in times of peace and it is often a good starting-point for the higher examinations. It provides opportunity for experimental work. The student is required to have a sound knowledge of the fundamental principles of short-wave transmission

and reception, and to be able to transmit and receive at a speed of not less than 12 words per minute in Morse. It also deals with Telephony. This course forms a very good basis for the First Class P.M.G. Exam., as it is a P. & T. Examination. Fee: £6.

#### RADIO ENGINEERS

For the student who does not wish to take Morse, the best examination is that for the Technical Certificate in Broadcasting conducted by the P. & T. Department. It covers the field of Radio very fully and qualifies the student for a position as engineer in charge of a broadcasting station such as 2YA. The theory covers much the same ground as that for the First Class P.M.G. The examination includes a practical test over a broadcast station. Fee: £15/15/-.

#### RADIO SERVICEMEN'S COURSE

This is a course for those who want to get a sound knowledge of the theory of modern radio receivers. It also covers regulations connected with the installation of radio sets. Under the new Public Works regulations, it is also necessary for the student to take the Electrical Servicemen's course if he desires to become a qualified Certificated Radio Serviceman. Fee: £6.

#### ELECTRICAL SERVICEMEN'S COURSE

This course is specially prepared for those who are engaged in servicing and repairing of electrical appliances of all kinds. It covers the syllabus for the examination held for Electrical Servicemen by the Public Works Department. Fee: £4/10/-.

Write To-day for Free Descriptive Literature.

# DRULEIGH RADIO COLLEGE

Vulcan Lane - - Auckland

RONALD W. CORSON, Director.



Etc., Etc.

#### SPECIAL OFFER TO STUDENTS

#### OF ELEMENTARY THEORY

## "RADIO FUNDAMENTALS EXPLAINED"

A specially-written text book published by Druleigh. Contains the basic theory for all radio exams — Servicemen's, Amateur, Air Force, 1st Class Sea-going Operators, Covers Electron Theory, Magnetism and Electricity, Capacity and Inductance, Ohm's Law, Resistance, Filter Systems, Valves or Vacuum Tubes, Elementary Radio Mathematics.

Based on sixteen years' successful tuition of N.Z. Radio Students, this book should be in the library of every beginner. It is very simply written and profusely diagrammed with several plates of modern equipment, published by the courtesy of Amalgamated Wireless of Australia.

Price 2/6, Post Free.

#### SEND THIS COUPON TO-DAY!

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