

Opportunities in

RADIO



Radio Division

COYNE ELECTRICAL SCHOOL

CHICAGO



H. C. Lewis, President
RADIO DIVISION
Coyne Electrical School

THIS is the "Coyne Opportunity Book" you requested. Its purpose is to acquaint you with the fascinating World of Radio and to show you the opportunities awaiting in this field, for those who have Training. I want you to feel as you go through this book that you and I are having a heart to heart talk right in your own home.

Success in life may be had by learning how to apply certain sound principles. These principles are positive guideposts pointing the way to Success. You must learn to read them if you would succeed. Hard work alone will not make you successful. **You must be Trained to Succeed.**

Talk to any successful business man and ask him to mention the principles by which he would be guided in choosing a vocation. He will tell you, First, select the work you like and for which you are best fitted. Secondly, make sure that your work is a real necessity—something that is needed by every home, every industry, every human, and for which the need will grow greater from year to year. Third, make sure that your work will not be seasonal but will offer you the opportunity for steady employment.

The amazing field of Radio meets all these requirements. Here is a vocation of tremendous interest—one of

the greatest of all modern necessities—its progress has been great in the past—it should be still greater in the future. Trace the progress of Radio to the present date — Recall the immortal name of Marconi; think of the many uses of Radio, one of the greatest inventions ever developed by Mankind; and you will say to yourself "What a glorious field for Service! What a glorious opportunity for profit! What a wonderful life work for a young man to choose!"

As the President of this world famous SHOP TRAINING SCHOOL I invite you to join the ranks of the many successful Coyne graduates whom we have helped in the last thirty-nine years. Here in my school we will give you a short INTENSIVE, PRACTICAL "LEARN-BY-DOING" training that should help give you your start in this fascinating field.

Now that you have read my message I want you to go through this Book. Read it page by page. After you have done so should you find anything that is not perfectly clear to you, write me a letter. I will be glad to give you any information you may want to know.

H. C. Lewis
PRESIDENT



Home of the Big Coyne Shops

Here You Can Spend the Most Important 12 Weeks of Your Life

IN the picture above you will see the home of Coyne. This building was built expressly for Coyne. The entire building is occupied by Coyne and (with the exception of a small space used for our offices) is devoted to our PRACTICAL TRAINING SHOPS. I have devoted this page to our building because it has an important part in the training you will get here at Coyne.

Our building is built of concrete and steel construction and naturally it is a fireproof building. Large windows on all four sides permit entrance of plenty of fresh air and cheery, healthful sunlight. But what will particularly impress you about the home of the Coyne shops is its cleanliness, and clean-cut, business-like appearance. You won't find any fancy frills here, just as there are no costly, unnecessary trimmings in connection with Coyne Training.

Here at Coyne you will find what I sincerely believe is one of the largest arrays of Radio equipment ever assembled in one place for practical training purposes. And you will find all of this equipment systematically arranged so as to make possible the most efficient type of instruction for students.

As you go through this book, you will see reproductions of actual photographs of the various shop departments in which students are trained. The equipment shown in these pages plays a definite part in this task of training you for your start toward the opportunities in Radio and a successful future.

Comfortable, efficient training quarters are necessary for your proper training. We have left nothing undone to see that such quarters are provided in the home of Coyne.

COYNE HAS STOOD THE TEST FOR 39 YEARS

Chicago Is a Leading Radio Center.... You Can Inspect Many Radio Plants and Studios



A view of one of the many leading Radio manufacturing plants in Chicago.



One of the late type Diesel trains equipped with many modern conveniences including Radio.



A view of the beautiful Broadcast station WGN which is known to millions of listeners throughout the country. Many Coyne students have visited it.



Another nationally known manufacturing organization employing hundreds of radio workers.



This stately, windowless, completely Air Conditioned building houses one of the largest retail radio departments in the Middle West.



The interior of the main guest hall in a leading Chicago Broadcast station.



A well-known manufacturer of sound and recording equipment.



A group of Coyne Radio Students enjoying an interesting inspection trip. Instructor explains operation of modern broadcast transmitter.



A typical assembly line in one of the many Chicago Radio Plants.



A typical group of Coyne Students on their way to inspect one of the many broadcast stations in the Chicago vicinity.



Thousands of trained Radio men are employed throughout the country in typical assembly lines such as shown in this photo.

A Few Facts About the Huge Radio Industry

It takes only a brief glance at the figures below to prove that Radio with its many branches is one of the fastest growing industries in the world today.

There are about 24,000,000 radio receivers in American homes today.

Figures available for 1936 show that over 7,000,000 radios were sold in that year alone.

The Radio industry, according to the last employment census employs over 150,000 people.

In the last 4 years Radio dealers have increased their sales of Radio sets from 4,000,000 to 8,000,000.

Exports of radio receiving equipment to foreign countries in 1936 totaled over \$25,00,000.

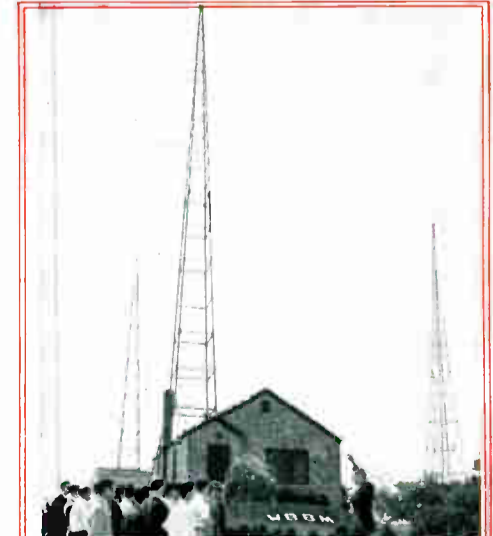
It is estimated that over 2,500,000 auto radios are being sold annually.

Nearly 100,000,000 radio tubes are being sold each year.

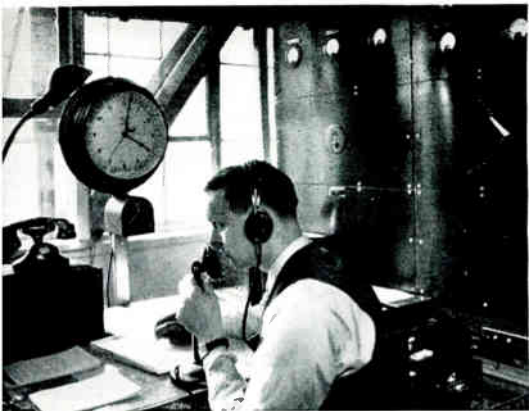
Radio is a huge industry today and all indications point to even greater growth in the years ahead.



Another nationally known Radio manufacturer whose building houses a popular Broadcast station.



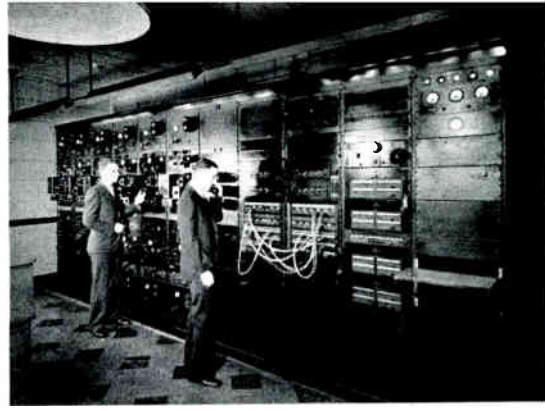
Coyne Students on an inspection trip to a modern high power broadcast station.



Plane to ground communication offers opportunities to radio operators.



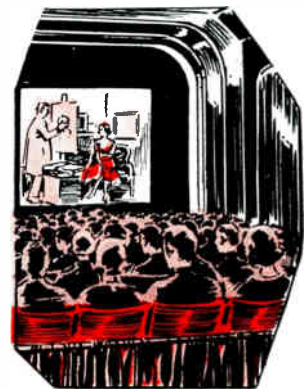
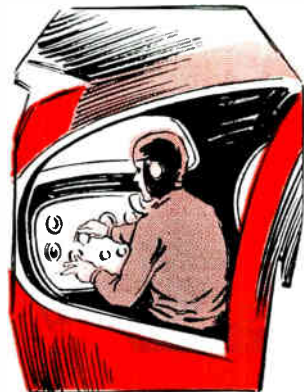
Talking Pictures use hundreds of trained Radio men.



The great Broadcast field requires the services of trained operators.



Auto Radio is another big opportunity field.



Television will require the services of thousands of trained Radio men.

RADIO the

COYNE "Learn by Doing" Training Can Help Prepare

The Radio Industry Is a Growing Field

IN selecting a vocation for your life work there are two very important factors that should be taken into consideration. First, it is important to select a trade that is alive and growing—one with prospects of years of development and growth ahead of it. Such a trade can offer you the opportunity of steady and profitable employment. Many of the older trades are now on the decline because these crafts have been replaced by newer and better methods.

Secondly, it is essential that the industry selected be in its period of development and growth. Many a man today is out of work because the trade or industry in which he started his career has become out-of-date and has been replaced by better and more modern production methods.

The Radio industry is one of the fastest growing industries today. It has a record of steady and constant growth in the past, and should continue to grow for many years to come.

The extent of the development still in store for the Radio industry is impossible to predict. Industrial and scientific experiments now in progress, indicate that many more new opportunities are now in the making. Some of the present day applications of Radio were not even thought of only a few years ago. What new uses coming generations will find for Radio only the future will reveal.

Radio offers the trained man, **SPLendid OPPORTUNITIES FOR STEADY WORK IN GOOD PAYING, INTERESTING JOBS, OR IN YOUR OWN SHOP OR BUSINESS.**

Because of its rapid growth and great expansion, the Radio field needs many more trained men every year, and offers wonderful opportunities to men who have the proper practical training to qualify themselves for the better jobs in this great field.

Radio Offers Opportunities to the Trained Man

THERE are many millions of Radio receivers in use in homes throughout the country today, and every year the number grows greater. There are already sev-

eral million auto radios in use in this country and millions more of these sets will be sold and installed.

All of these receivers require occasional servicing and overhaul to keep them in good operating condition. Men who have been trained in modern service methods and on up-to-date equipment, naturally have a better chance to get these jobs.

Thousands of radio dealers, stores and garages employ radio service men for this work and the men who are put in charge of their service departments must be trained to carry the responsibility. Modern Radio service equipment, such as analyzers, signal generators, output meters, cathode ray oscilloscopes, etc., require trained men to operate them. Radio employers demand men who have a practical knowledge of these up-to-date instruments and service methods.

Prepare For Your Own Radio Shop or Business

RADIO also offers splendid opportunities for men with the proper training to go into business for themselves. Very little capital is required to start a profitable Radio service shop. The sale of Radio sets, tubes and repair parts offers additional opportunities for profit in such a business.

Many Coyne trained men are now operating their own profitable Radio shops. Here at Coyne you get special instruction in modern business methods and salesmanship, along with merchandising and consultation service to help you successfully operate a shop of your own.

Police and Aircraft Radio

ANOTHER great new branch of Radio which offers real opportunities to trained men is the installation and servicing of police and aircraft Radio equipment.

Modern police departments in thousands of cities and towns today have their police cars and motorcycles equipped with port-

able Radio receivers and transmitters. These units require constant servicing by trained men and the work provides interesting, good paying jobs.

Passenger airplanes and mail planes flying thousands of miles daily over land and sea, are guided along their routes through fog and storms by airway Radio beacons and the signals received by the pilots from their receivers on the planes. Weather reports, flying instructions and news items are also sent over these airway Radio systems.

Naturally, it's the trained Radio men who can be trusted with the installation and servicing of such important equipment. This field also offers numerous opportunities for trained men in good paying jobs and fascinating work. Many Coyne graduates are now employed in police and aircraft Radio work.

Public Address Opportunities

ANOTHER new and rapidly growing branch of Radio is Public Address equipment installation and servicing. Thousands of these systems, including their microphones, power amplifiers, speakers, baffles and sound treatment materials, are being installed in schools, churches, theatres, auditoriums, baseball and amusement parks, football fields and many other places.

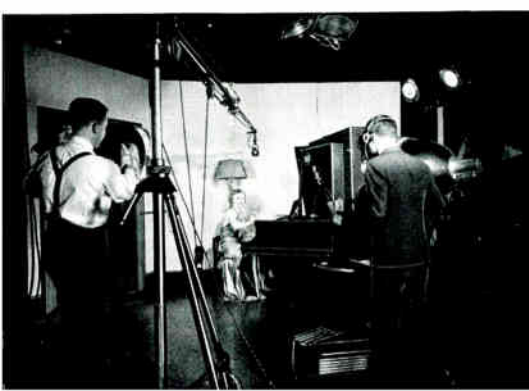
Large factories and industrial plants are now installing Public Address systems for making announcements and sending instructions to foremen and employees throughout the plants. Sound trucks, sound cars and even Public Address systems on airplanes are now used extensively for advertising purposes.

Because of the commercial use and importance of such public address systems, they require expert installation and service by men who have a good practical knowledge of Radio equipment and sound fundamentals. There are many so-called "service men" who are not properly trained or equipped to handle these jobs and for that reason such work offers splendid opportunities to the men with the proper training.

Experimental Laboratory work offers another specialized field of opportunity.

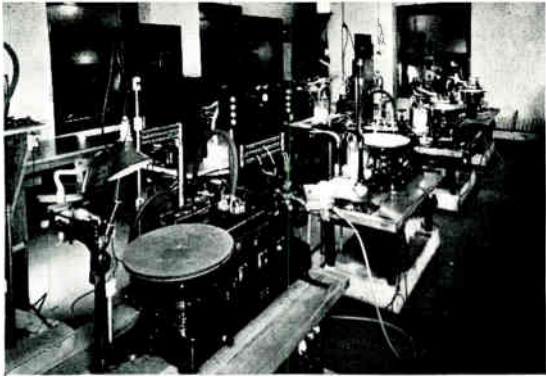
The great advertising field needs trained men for public address.

Radio Servicing pays big profits to trained men.





Experimental work in Television is a fascinating branch of Radio



Sound recording is another profitable branch of the great Radio industry.



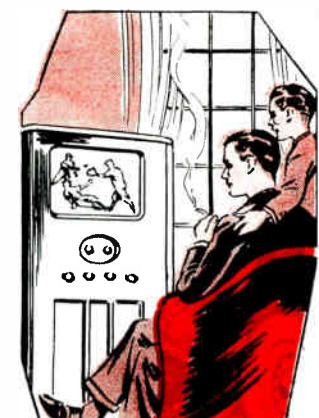
Go into business for yourself and be independent as your own boss.



Opportunities for travel are offered to the radio operator aboard ship.

OPPORTUNITY field

You For Your Start In This Fascinating Field



Talking Pictures and Broadcast

ANOTHER field in which Radio has become an important factor in recent years is the motion picture industry. The marvelous sound pictures which we enjoy today, both in the field of entertainment and education are made possible through the use of microphones, vacuum tubes and amplifiers which were developed in the Radio industry.

Hundreds of trained men are employed to install, operate and maintain the sound equipment in motion picture studios. Many more trained men are required to take care of the sound reproducing equipment in thousands of theatres throughout the country.

Sound Recording is another opportunity field for trained Radio men. The making of records for use with phonographs and in broadcast studios and schools is a field which requires a practical knowledge of microphones and vacuum tube amplifiers, as well as acoustics and sound fundamentals. These interesting and practical subjects are part of the practical shop training at Coyne.

Then you have the great broadcasting field with the many stations throughout the country. Here again, Coyne graduates are employed as licensed operators aboard ocean going vessels and in numerous broadcast studios in different parts of the country. These studios require the services of trained men to fill positions as announcers, operators, and assistants to install and service their transmitting equipment.

Radio Equipment in the Telephone and Railway Fields

VACUUM tube amplifiers are now extensively used in the telephone and telegraph industries for "boosting" the signals for long distance communication, even across the continent and the ocean.

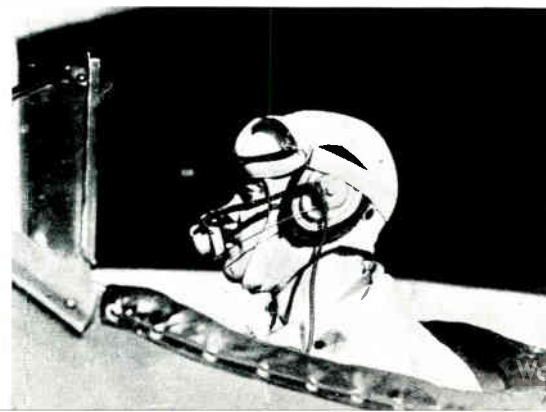
Automatic train control equipment makes use of vacuum tube amplifiers on the locomotive to pick up and amplify the signals or impulses from the track, to make possible the safe operation of our modern high speed trains, at speeds of 100 miles per hour or more.

Marine Radio is another big field closely allied to auto radio.

Radio for planes is a necessity and requires trained radio operators.

Police Radio is a highly specialized field and offers exciting adventurous work.

Master control equipment of this type in broadcast stations proves the need for trained men.



This is fascinating work and good paying jobs are provided for hundreds of trained men who have a good working knowledge of the vacuum tube amplifiers which are used by the thousands in these important industries.

Many Other Branches For Trained Radio Men

ANEW development known as Radio Facsimile now makes possible the sending of photographs or printed material across the continent, and oceans. This new service will soon become a great industry in itself, and in the near future we may expect to have our news flashes printed in our homes by an addition to our Radio receivers. This should require many more trained Radio men to service these new units.

In large modern industrial plants, photo-electric cells, vacuum tube amplifiers and electronic tubes, control thousands of critical operations of motors and machines without the aid of human eyes or hands. This great new field of electronics provides splendid opportunities for men with Radio training in the industrial field.

Truly, we are living in a Radio Age today and the man who is wise enough to see this and train now will be preparing himself for a good paying, steady job with a real future.

Television

TELEVISION is definitely advancing and developing to a point where in the near future it should provide a great demand for men with Radio training to install and service these television receivers.

Already hundreds of trained Radio men are employed in radio research laboratories in the experimental and development work on television equipment. In recent months this equipment has been greatly improved, to a point where we can now send and receive clear action pictures of television images.

The trained Radio men of today should be the television men of tomorrow. Deter-

mine right now to get Coyne practical shop training in Radio to help fit you for a good paying job in one of the many branches of this great Radio Industry.

Good salaries are being paid to thousands of trained Radio men. Knowing the facts, can you afford to delay your training for your start in Radio?

Times are getting better. The wheels of industry are turning faster and faster. There are signs of the approach of a new era of prosperity—perhaps the GREATEST PERIOD OF PROSPERITY WE HAVE EVER KNOWN. The Radio Industry has proven to be one of the leaders in this march to better times. It stands to reason that improved business conditions and greater prosperity should mean MORE WORK—MORE JOBS—MORE OPPORTUNITIES! But, for whom? Past experience teaches us that the fellows who are qualified by training should profit most by this new prosperity.

Share in Radio's Prosperity

MANY men will not realize the extent of the opportunities ahead and will not prepare for them. The fellow who is content to stay in the rut of a poorly paid, unskilled laborer or low paid clerical job will not be asked to fill a Radio job requiring special training. The Radio Industry can use the services of ambitious, wide-awake, red-blooded fellows who have had the benefit of a practical training.

Even during the depression years the Radio Industry suffered less than many other major industries. Some of its branches actually grew and expanded during these depression years. It has been one of the first to show a record of improvement. In fact, as this catalog is being printed, MORE RADIOS ARE NOW BEING SOLD THAN AT THE PEAK OF PRODUCTION IN 1929. This is an industry that offers a real future to those who have been trained to take advantage of existing opportunities.

Determine to get your share of this new prosperity! Get your practical training Now, and you will have made the start to a more successful future.

Now! See Some Actual Scenes In the Big COYNE SHOPS

And see for yourself how my "Learn - by - Doing" methods can help prepare you for your start in the Radio field.



BEFORE we begin our picture trip through the shops, I want to ask a favor of you—that you read every page of this book carefully and thoroughly. I am going to tell you about each department first, and then I'm going to show you some photographs of that Department. But be sure and read the pages preceding each department before turning to the pictures, so you will understand just what each picture means.

These Department pictures are all actual photographs, taken right here in the Coyne shops while my students were busy at work.

Of course I can't show you all of the Radio equipment you will work on when you get here. To show you everything at Coyne would take a book much larger than this one. But I'm going to show you a lot of equipment in each Department, and after you have seen it, I'm sure you'll agree that Coyne offers you a more complete and practical Radio training than any similar shop training school in the country, in the same short period of time.

You Advance Step by Step

WHEN you come to Coyne, you start in just as though you knew nothing about Radio.

If you have had some Radio experience, of course you are not required to do jobs you already know. But we assume that you have had no previous Radio experience and put you right in the Elementary Department, doing the beginner's work. There are a given number of jobs in each Department. You start in, for example, on job number one. When that is

done satisfactorily and the Instructor has passed your work, then you move on to job number two, etc. Then when you have completed every job in this Department and have proven that you thoroughly understand all the work in it, you pass on to the next Department, where you have many more interesting jobs to do.

In this way you advance step by step from the easiest and simplest kind of Radio work to the more advanced and important jobs; and your progress is so interesting and gradual that even the bigger jobs seem easy. In fact, because you learn by doing actual Radio work yourself on actual Radio equipment, you'll find that instead of being difficult, the Course is easy to learn and a real pleasure.

Now Let's Go Through the Shops Together

I'VE told you these things because I want you to be familiar with them before we start our trip through the Shops. I want you to notice how interested the students are in their work and what a great outlay of modern Radio equipment they have to work on. I'm sure you'll agree, that right here at Coyne you can get the kind of Radio training that you need to help you make your start in the Radio field.

Now the first Department I am going to tell you about will be the Elementary Department, and I want you to read the next page very carefully before you turn to the pictures of this Department.

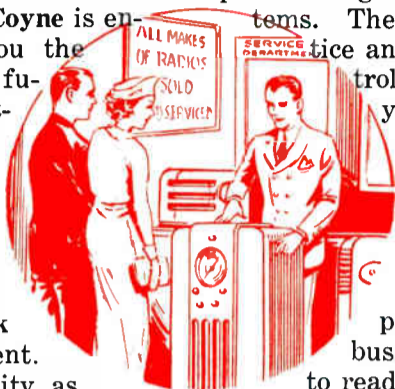
As you go through the pages of this catalog you will find many testimonials from Coyne graduates. I want you to know that these expressions of goodwill are excerpts from actual letters sent by former Coyne students who have successfully applied their training in the field. These letters are in my files and the name and address in every instance will gladly be furnished to you upon request.

ELEMENTARY and CIRCUIT Dept.

Here's where you start your Radio Career

THE first thing that impresses you as we enter this department is the light, airy room. It's just flooded with daylight and fresh air, which is the ideal working condition.

Your Radio training here at Coyne is entirely practical and we teach you the things that are important to your future success. Now in this department we give you in a simple, clear, practical way, an understanding of important Electrical Laws and Principles, which is the real foundation of Radio. Just enough fundamental theory to enable you to understand the Practical Work you do later, on Radio equipment. The nature and uses of Electricity as applied to Radio are very simply and easily made clear to you by the practical methods and equipment we use here at Coyne.



Alarm and Signal Work

IN this Elementary and Circuit Section you wire up, test and operate a number of very practical signal alarms, relay and telephone systems. The circuit tracing and testing practice and your work with relays and control circuits in this section will help you to understand the Radio circuits and remote control equipment of broadcast transmitters in later departments.

You may use a lot of this knowledge on your first job after graduation, or frequently on profitable jobs on the side, or in business for yourself. You also learn to read blue prints and diagrams, and to wire Radio systems from definite plans, and how to test and shoot trouble in a definite systematic manner, that will make you more valuable to your employer in your Radio work.

We Don't Use Books to Train You

AT Coyne we don't ask you to study dry text books to learn Radio. Instead, the important practical facts are explained to you in interesting talks by the instructors, using simple language and plenty of blackboard illustrations to make them clear. Then these points are demonstrated and proven to you on actual equipment.

Just imagine how much easier, quicker and more interesting it is to learn Radio in this manner. You will find Radio so interesting when taught in this way that you will eagerly follow every word and move of the instructor as he carefully and thoroughly explains each fascinating point to you. You will get a real thrill, hour by hour, as you so easily learn the important things about Radio which you must know to be a trained practical Radio serviceman.

You will be surprised at how easily you remember things learned in this way. Then by working them out yourself on the actual equipment you get them fixed in your mind to stay.

You are also shown how to take brief practical notes and diagrams from the lectures and shop jobs, so you will have these in your own note book for future reference on the job at any time.

Practical Shop Work Is the Secret of Your Success

AFTER each talk and explanation of important principles by your instructor, you go to a bench with a number of interesting devices on it and work out practical jobs to prove each point. Your instructor shows you just how to proceed in wiring up these interesting jobs from your own notes and diagrams, and is always ready to help you whenever you need it. You work with batteries, magnets, relays, bells, buzzers, meters, annunciators, motors, lamps, phones, tubes, etc. You find each job so interesting you can hardly wait to finish one, to start the next.

Laying Your Foundation

THIS interesting work in the Elementary and Circuit Department not only helps prepare you for a good job in one of the branches of signal work, but it also lays a very important foundation for all your training in the later departments and for your work in Radio both in school and on the job. Your knowledge of circuit tracing and testing will be a big help to you in later departments, and is an important qualification of the good Radio man.

Many of the simple rules or methods you learn in this department will help you to solve the most complicated Radio problems on your job after graduation.

That is why we have gone to so much trouble and expense in making this work so interesting, and in getting such complete equipment for you to work on.

This practical work is what you need to learn to become a well trained man and capable of handling a good job in the Radio field after you graduate. Employers in the Radio Industry want men who also know the principles of electricity, and how to apply them to Radio equipment. They don't want men who have to be told how to do each step of the job. They are looking for men who know how to figure out what needs to be done, and who have the practical training and ability to go ahead and do it. Many employers have recognized this fact and that is why a number of them have sent some of their valued employees to Coyne.

You "Learn By Doing"

SO many ambitious fellows make the mistake of trying to learn Radio from books or printed lessons alone, or by apprenticeship and just picking it up on the job. They plug along for years on the small jobs and at low wages. They learn a few things, of course, but never really learn how to handle the difficult Radio jobs.

But here at Coyne you actually learn by doing practical jobs under the guidance of widely experienced instructors, who know just how to explain the important principles and methods to you. And we have provided dozens of different Radio sets for you to connect up, test, operate, shoot trouble on and repair.



This vast outlay of practical training equipment along with our 39 years of practical training experience and the modern system of instruction we have developed is what makes the Coyne learn by doing method so efficient. And your own common sense will tell you that this practical training should help to prepare you for the real jobs in Radio, and make you of much greater value to employers than any one could ever be with only a little book study or "picked up" knowledge. That is why many men after wasting a lot of time and money in book study or apprenticeship and finding out that it doesn't get them very far, have come to Coyne and helped prepare for steadier jobs and better pay.

No Classes at Coyne

WHAT I mean by this is that you don't have to move along with any class. You can do your work slowly or quickly. It's left entirely up to you to decide how rapidly you want to go ahead with your work. No student is held back by others nor is anyone pushed ahead to keep up with others. And you do not have to recite before any classes. Here at Coyne you get individual instruction on your problems and take them up with your instructors personally, and get sincere personal assistance whenever you need it.

We also use visual instruction in the form of pictures, blackboard illustrations and even motion pictures, along with your actual work on equipment to enable you to learn easier and faster. We make every effort to duplicate the actual work you will have to do when you go out on the job. Many students have told us that when they left Coyne and went to work it was just like stepping from one job into another, because the work they had in school was so much like that out on their job.

You Advance Rapidly, Step by Step

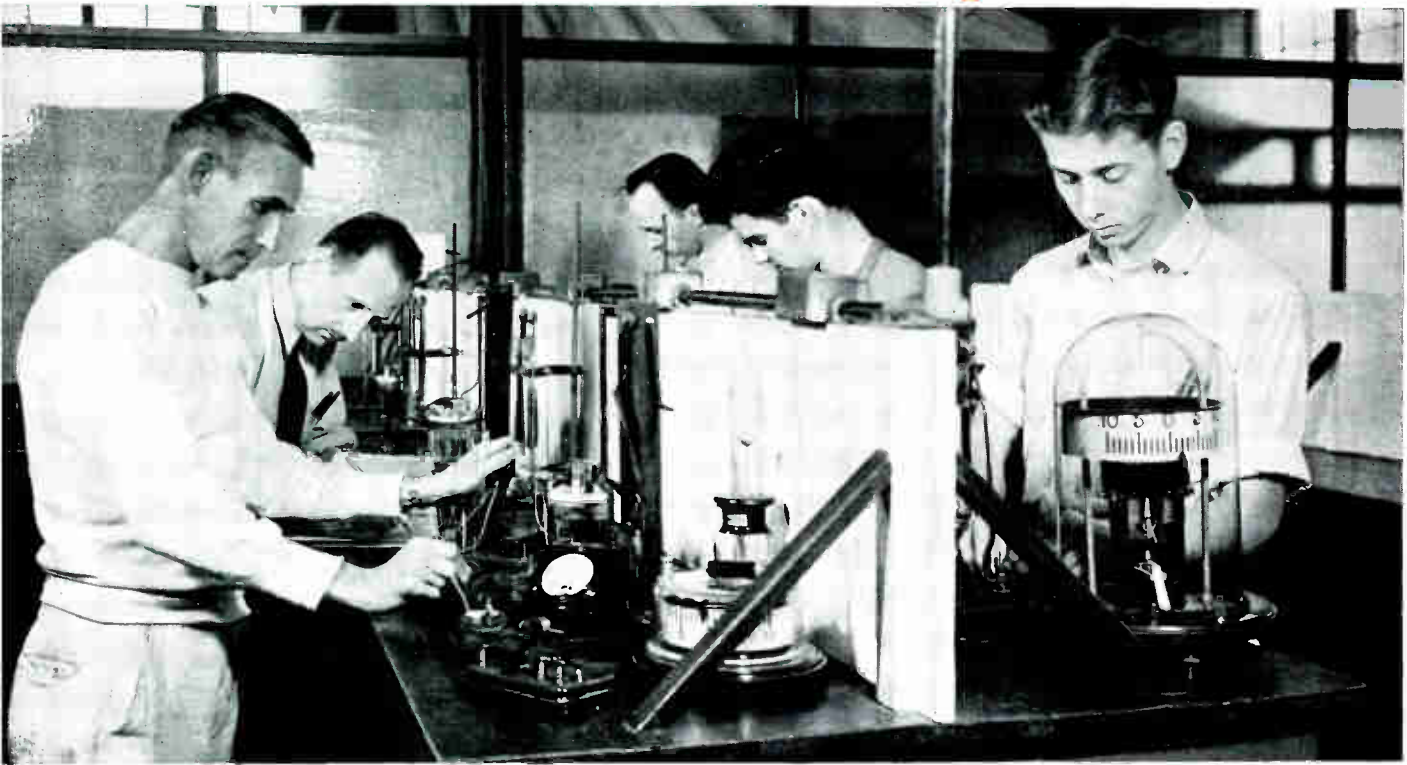
WITH the modern practical system we have developed here at Coyne you are continually learning something new and interesting about Radio, and you advance so rapidly that almost before you realize it you are handling the most advanced apparatus with the greatest of ease.

You start out with the very simplest principles and jobs, and then advance step by step, each job preparing you easily for the next, and at the same time teaching you something important to your future success in the field.

Each principle and job is thoroughly explained by your instructor, then you make a few notes or a sketch of the important parts to remember and next you work it out right on the practical equipment. Isn't this by far the best way to learn Practical Radio and train for the real jobs and salaries?

Now examine the actual photographs on the following pages and see the students busily working on these fascinating jobs and devices.

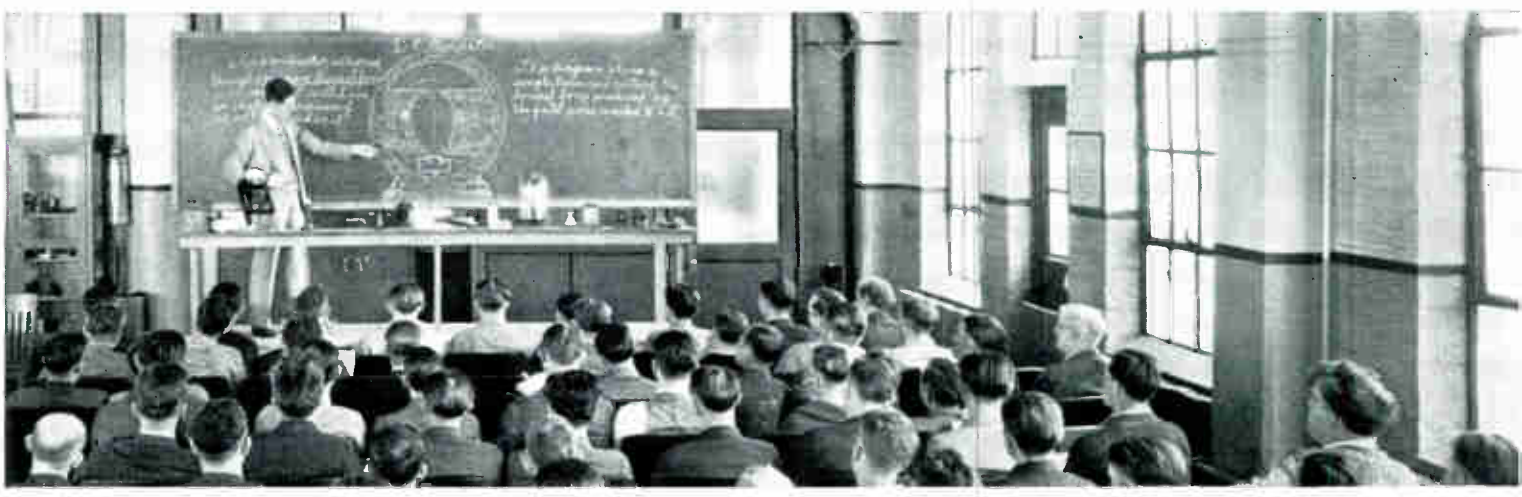
STUDENTS AT WORK in the Elementary Department



No Previous Experience
 "I am head of the Auto Radio Servicing . . . before going to Coyne I had no knowledge of Radio whatever. . . . Not only has Coyne training made possible my present job but I have more than doubled my salary with this firm."—F. Headrick, Iowa.

The students shown in this picture are performing interesting tests with laboratory instruments to demonstrate and prove some of the important electrical principles which will soon be applied in their Radio work.

Each important principle is explained in simple language and with blackboard illustrations. Then these principles are demonstrated and proven before you on actual equipment.



Here is a general view of part of our circuit equipment. You see students wiring up and testing burglar alarm, door bell and signal systems. This is where they commence to work, and apply many of the things learned in their elementary instruction.



Students testing telephone units and low voltage generator, proving and applying their knowledge on actual equipment. This is what makes your training at Coyne so practical.



THEN YOU ENTER the Wiring & Testing Department

Coyne Exactly as Represented

"The Coyne Radio School is just as represented in their large booklet. I have been a student of other schools and I know of no other place where you can get as much training for your money."
E. B. Aishman,
Okla.

The easiest and most practical way to get sound, practical Training in Radio is by doing the work yourself on actual equipment. Here at Coyne you learn by doing.

AFTER finishing the Elementary Department you next enter the Wiring Department where you learn to build, wire up and test radio receivers and amplifiers. Your instructor furnishes you a complete set of the necessary parts and materials and shows you how to proceed to assemble and wire up a radio set according to plans and diagrams. All of the necessary parts and tools are furnished by the school at no extra charge.

The instructor explains the operation and function of the various types of vacuum tubes, tuning coils, condensers, transformers, speakers, power supply units, etc. He also explains the various common types of receivers and amplifier circuits and their advantages. Here again you get just enough practical theory to help you understand the important features and operating principles of the various radio parts and sets. Then you put this knowledge into real operation by working it out with the actual equipment.

You learn how to lay out a set, how to arrange and mount the parts, solder and test the connections and make a thorough workmanlike job of each set you build. Special instruction is given on proper methods of soldering connections, and other important points which employers want their men to know.

You start with a simple one tube receiver, then a three tube set, next a five tube, and so on up to the advanced types and special amplifier jobs. As you work on the building and wiring of these sets your instructors are always near to help you with anything you don't fully understand. After each set is finished you test it out by connecting it up to an aerial and power supply, and what a thrill you get when you pull in the stations on these different receivers you have built yourself.

I feel sure you will agree that this is the easiest and most practical way to get the proper training in Radio.

Testing, Trouble Shooting and Auto Radio Experience

YOU can learn in this Wiring Department the many important points about construction, wiring, and operation of radio receivers and amplifiers—and you learn them in the most practical way—by actual work under patient, expert, and widely experienced instructors, who direct your work on real radio sets and equipment.

Practical Work on Set Testing

YOU will also experiment on many different types of used battery operated receivers for testing and trouble shooting practice. This work will prove a real pleasure to you because of the way it has been arranged by your Instructors. For example, each set is purposely made defective and contains some common trouble that might arise daily when you are out at work on a job. After locating the trouble you are shown how to repair the device and correct it. After doing this successfully on dozens of different sets, it becomes a simple matter for you to quickly locate any common fault in any radio set you may have to repair on your future job.

Here is a point I ask you to keep in mind as you go through my book. Coyne students always have an opportunity to work on the latest type equipment. For example, in this department you will be able to handle 2 volt air-cell battery sets of the type now being sold to thousands of homes not yet supplied with electric wiring or power. You will readily understand that as a result of working on late type equipment, your Training is always more advanced and you can better qualify for the important jobs in the Radio field.

Instructors Work With You

ONE of the outstanding features of Coyne Shop Training is the individual assistance extended by our Instructors. You will find the relationship between student and Instructor extremely cordial and personal throughout your course. Students and Instructors are real friends here at Coyne and work with each other side by side during the entire course of Training. All Coyne Instructors have been selected not alone for their superior knowledge and experience, but because in addition they possess the qualities of patience, kindness and sympathetic consideration for all students.

Because of this close personal contact and friendly feeling, every Instructor, within a short time, has an intimate knowledge of his students and is therefore better able to instruct them so as to get the most from their Training in the shortest possible time. This means that the student who is naturally quick by habit, advances rapidly to the next job, while his shopmate who prefers to travel slowly, is given more time. Both types of students get the same training but the method of instruction is changed to best suit the individual needs of each. This "personal touch" is responsible to a great extent for the excellent progress made by the average Coyne Student and why Coyne Trained Graduates generally impress employers with their superior skill and Training.

This training will not only help you to easily understand the work in the following departments, but will also help you to qualify for a good job, building or testing receivers or amplifiers, remodeling of customers' old sets into newer and better types, and for Auto Radio Service work.

Big Opportunities in Auto Radio

IN ADDITION to the millions of D.C. or battery operated receivers in use in homes there will soon be millions more in use in automobiles. Automobile Radio has become a great field. Excellent auto radio sets are being manufactured by the millions and at prices that will enable practically every car owner to have one before long. There are over 25,000,000 autos in use in this country alone, and several millions of them are already equipped with radios. Think of the splendid opportunities for well trained men in installing and servicing the millions of these sets that are now being made and sold. To install all these auto radios and service them will require an army of trained Radio men. The demand for auto Radio men is rapidly increasing, and employers are insisting more and more on getting employees with thorough practical training, for this work.

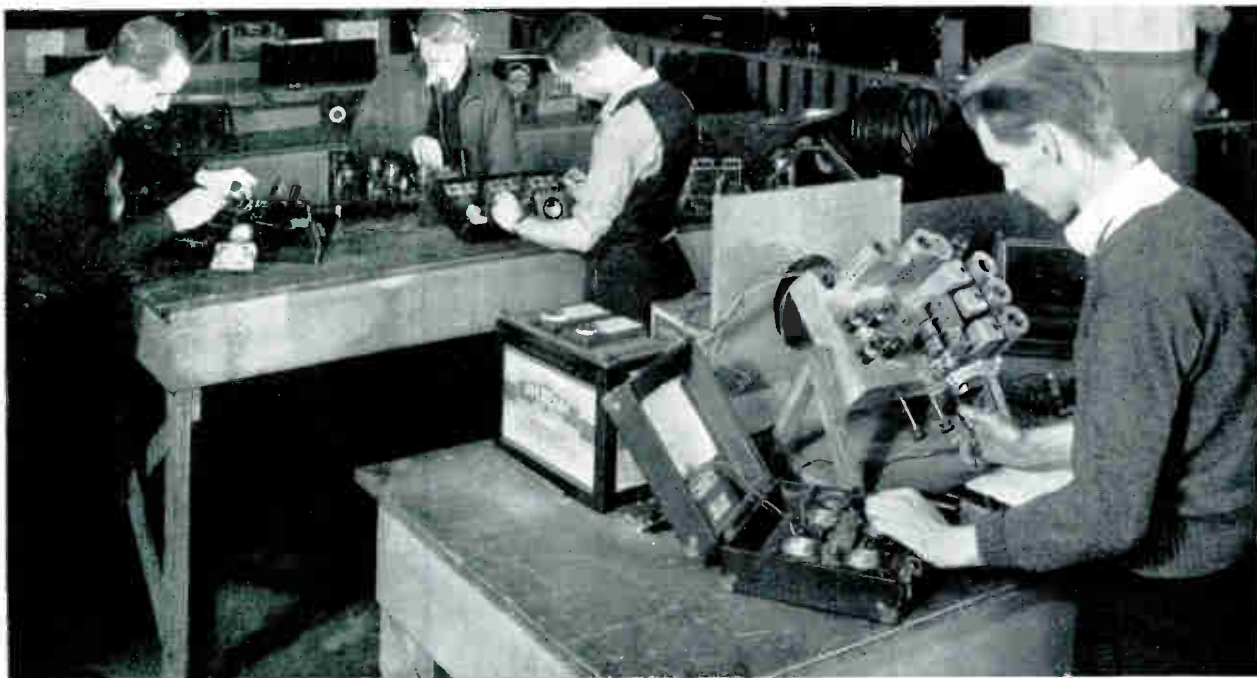
That is why here at Coyne we give you special instruction on several popular types of auto radios, and how they should be installed, how to eliminate interference from the engine ignition system, etc. Just one more good reason for coming to Coyne, where you can get practical up-to-the-minute training.

Coyne training is easy to understand, because every bit of work has been arranged by experts who know what is best needed by the student beginner. You advance quickly but surely from job to job.

Here at Coyne, Students and Instructors are real friends. This accounts for the unusually rapid progress made by the average student. The Instructor knows you intimately and is therefore able to instruct you intelligently.

Employers in the Radio Industry want employees who have been properly grounded in many phases of Radio work. That is why Coyne trained men are often preferred by employers.

SHOP SCENES from the Wiring & Testing Department



Above photo shows a general view of the Wiring and Testing Department, showing students at work building and testing various types of battery operated, household and auto radios. Note the great variety of equipment and the light, roomy shop space.

These students are performing continuity tests to locate faults in various types of battery operated receivers, including the new type cell operated sets. Practical instruction on latest type equipment gives Coyne students an advantage over untrained men.

Students getting actual experience in testing, trouble shooting and ignition interference elimination on various makes of auto radios. Note the spark plugs and ignition equipment used to provide this interference. Students receive a practical training in this great field.

YOU LEARN BY DOING in the Well-Equipped Service Department

WHEN you have completed your work in the Wiring and Testing Department, you next enter the Service Department. In this section you receive some of the most interesting and valuable training and experience in your whole course.

Here is where you learn trouble shooting, testing and servicing of dozens of various types of A.C. and Superhetrodyne **Radio** receivers. You are shown how to take a defective set, trace its circuits, test it out and quickly correct any trouble or fault that may be in it. You learn the use of **modern test instruments and methods**, and how to make service tests on receivers, so you can quickly find and fix any ordinary trouble in any set.

Work On Many Radio Sets

You don't just service one set in this department. Instead you are given **many different types** to work on, to give you confidence and ability to tackle any kind of a service job after you graduate. Before you get through this Department, trouble shooting and servicing are real fun and **really easy** for you. You should be able to cash in on your training by becoming one of the best service men in your community and able to handle many of the service jobs that cannot be done by the untrained man who has only a limited experience on a few sets.

You learn how to test tubes, condensers, transformers, resistors, speakers, batteries, eliminators, and all parts of the sets, with the help of competent instructors who are widely experienced in this branch of **Radio** service, and who are glad to pass on their knowledge to you.

Practical Training

IMAGINE how much easier it is to learn **Radio** servicing on the actual equipment in this way, than to try to learn from books or lessons, or by just picking it up by yourself without any help

An outstanding feature of Coyne Training is the personal and individual assistance each student receives with his shop problems. Students and Instructors are real friends and work with each other side by side during the entire course of training.

You will be trained on a wide variety of equipment and learn all phases of **Radio** work, so that you are completely familiar with every type set. There is no substitute for practical training of this kind.

The fascinating field of **Radio** offers the trained man unlimited opportunities, either in a good paying job or in a business of your own. The **Radio** industry is constantly expanding and the need for trained workers must increase.

from instructors. You can get more valuable knowledge here at Coyne in a few weeks than in many months or even a year of ordinary book study or apprenticeship. Coyne trained men are often able to locate faults and service **Radio** sets much quicker than older men who have had several years of book study or experimenting.

This is one of the reasons why employers demand men with practical training to do their **Radio** service jobs. So get your **Radio** training at Coyne where 39 years of practical teaching experience and one of the greatest outlays of modern **Radio** training equipment can give you the very finest type of training.

You Work on A.C. Superhetrodynes

IN THIS department you will have an opportunity to work on many popular A.C. Superhetrodyne sets and Tuned **Radio** Frequency receivers. You will become familiar with and learn how to handle modern analyzers, oscillators, output meters, and other up-to-date test equipment. You will also learn how to make complete analysis charts on many types of receivers.

Interesting shop talks by your Instructors followed by actual equipment demonstrations should help prepare you to handle any ordinary type of problem you will meet daily when you are out on a field job, including all wave receivers and the large auditorium type remote controlled sets. As a result of your practical work on the most advanced apparatus in the **Radio** field, you actually possess greater experience within a few weeks than the average untrained service man can get in many months by working on the job without the benefit of Coyne personal instruction.

Aligning and Balancing Superhetrodyne Receivers

WE WANT to make sure that your Training in this branch of **Radio** will be thorough so we have devoted a separate section of this department to special equipment for the purpose of instructing students regarding the very important work of aligning and balancing superhetrodyne receivers with the use of modern test oscillators and output meters. Many untrained service men are unable to handle work of this nature because they have been forced to specialize in only one or two divisions of **Radio** work. Coyne Trained graduates, however, have received a practical Training in many phases and as a result they are able to fill the jobs requiring advanced knowledge and greater experience.

You should also be qualified for the many good-paying jobs in the final test department of **Radio** manufacturing plants, particularly in view of your excellent training in the testing and repairing of many types of receivers, amplifiers, power units, speakers, etc.

Real Opportunities in Service Work

THERE is a great need for good **Radio** service men with practical training. Just think! There are over 25,000,000 **Radio** sets in use in this country alone, so at just two service calls a year, these sets would require 50,000,000 service calls a year. This requires many thousands of service men. Then think of all the millions of new sets that are being sold each year, which, must be designed, manufactured, assembled, inspected, tested, sold, installed, and serviced by trained **Radio** men. Hundreds of millions of dollars are being spent every year on **Radio** sets, tubes, etc.

And now with the increasing use of auto radio, aircraft radio, television receivers, public address amplifiers, etc., it is no wonder the industry can use more well trained men, for good paying, steady, fascinating jobs in **Radio** Service Work.

Operate Your Own Business

RADIO service work offers splendid opportunities to the ambitious young man to go into business for himself with very little capital. With just a few tools and instruments, and working right in their own basement or garage, a lot of our graduates have built up a very profitable business of their own servicing, repairing, and remodeling **Radio** sets right in their own home town or neighborhood. Many have become owners of prosperous **Radio** Shops, and in addition to the good money they earn servicing **Radios**, they have also taken an agency or dealership for some good **radio**, and make a nice profit on the sets and parts they sell. Here is a fine chance to help establish a nice income and become independent.

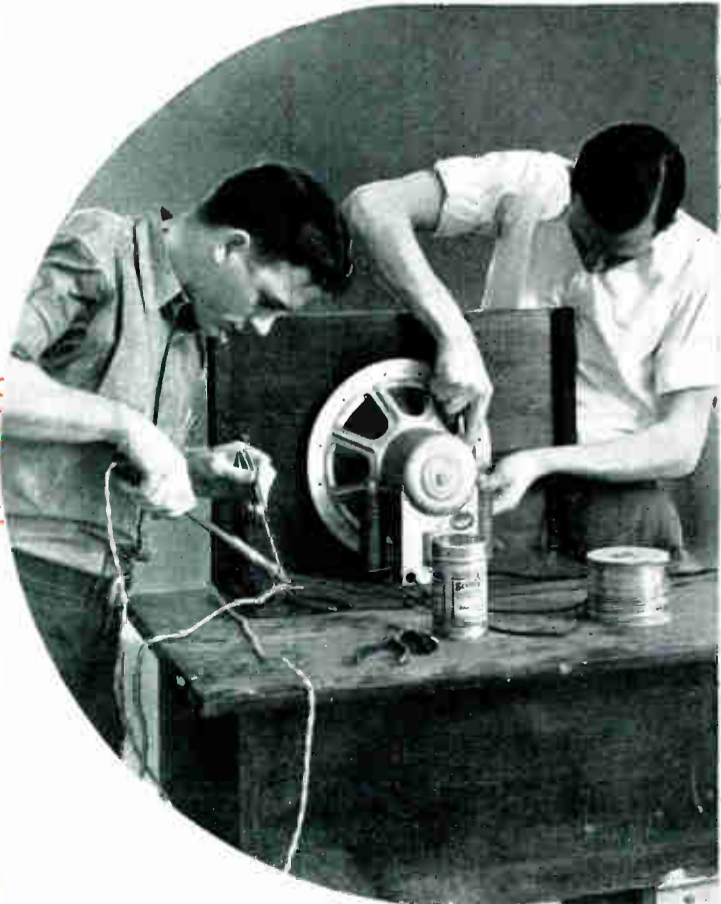
See the Students at Work in the Department

ON THE next two pages are several photographs of students working on the various jobs in the Service Department. Notice the great variety of **Radio** equipment they have to work with and see how interested they are in their work. Can you imagine any other way half as good in which to learn **Radio** service work? **There is no substitute for practical training.**

Examine these shop pictures carefully, and imagine that you are one of these students getting your **Radio** training here at Coyne.



Above is an interesting view of part of the Servicing Dept. showing students using modern analyzers to locate troubles in various types of A.C. receivers.



Students at work repairing and testing a large loud speaker for a public address unit.

Finds Coyne Training Invaluable

"I am working every day at the transmitter of the above station and certainly enjoy my work very much. On various occasions I do control monitoring in the studio and have pieced several large programs together using two studios and several 'mikes' to pickup the program. My Coyne training is invaluable to me in my daily work."—SHERMAN PENNEY, Florida.



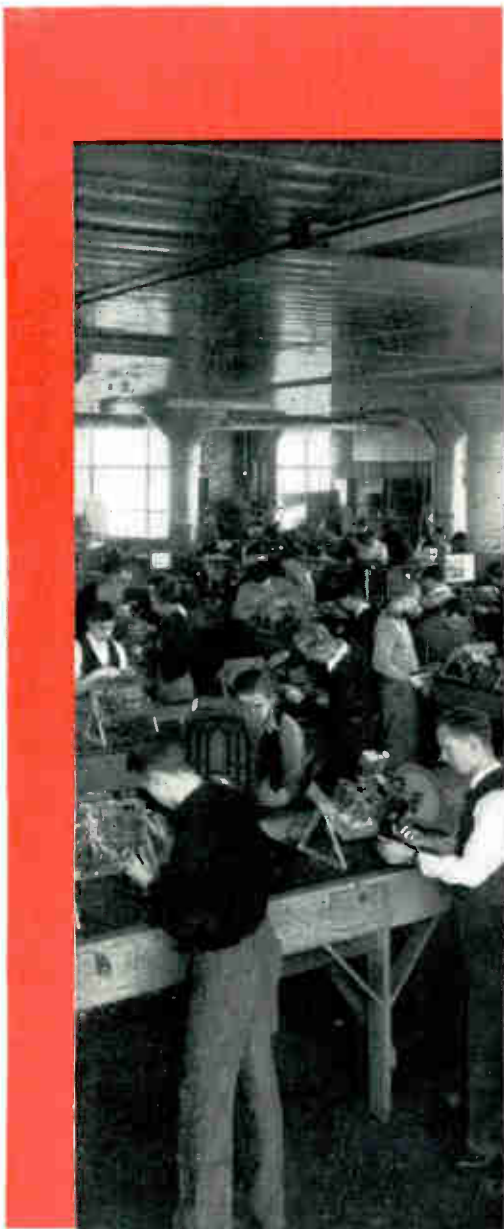
This photo shows students testing super-hetrodyne sets. In the foreground is a large remote controlled radio set.

Below is a view of part of our Shops showing the light, pleasant surroundings under which you'll work.



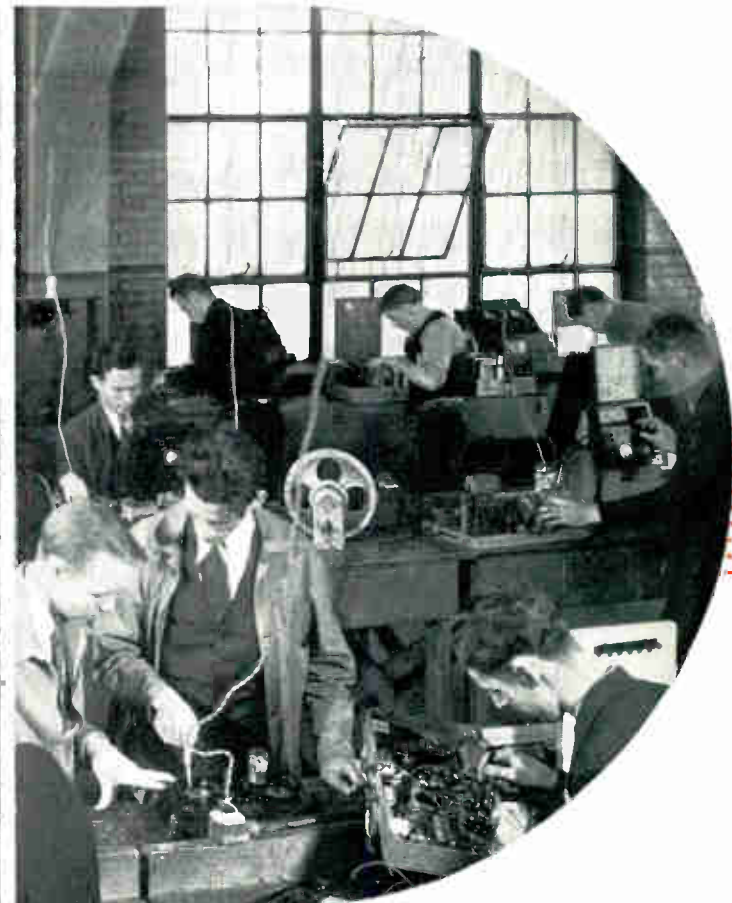
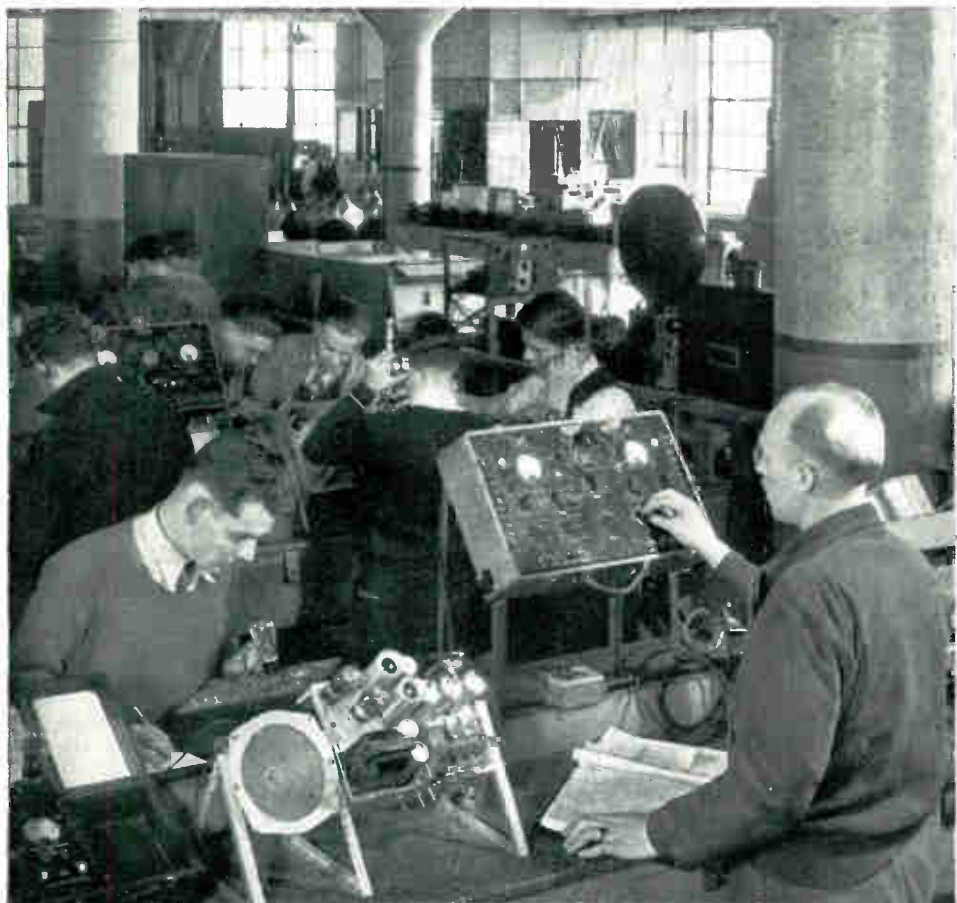
Works on Radios and Refrigerators

"I've got a job as serviceman on radios and refrigerators. . . . My foreman, I found out yesterday, is too a Coyne Graduate. He started two years ago as a serviceman—today he is, after having worked up to service supervisor over 14 stores, a department head. I am making more money than I ever made."—KYLE SENTER, N. C.



Note these interested Students busily at work tracing circuits and testing modern A.C. receivers and all wave sets.

The photo below shows Students using modern Radio Analyzers to quickly locate troubles in various types of A.C. receivers.



Students testing and aligning modern all-wave receivers with oscillators and cathode ray oscilloscope. Training on such up-to-date equipment helps fit you for the better paying jobs in radio.

Instructor personally explaining use of test instrument to students who are repairing these radio receivers.



World Radio History

Instructors showing students how to align and phase superheterodyne receivers of many different types, with modern oscillators and signal generators. Coyne personal instruction makes learning easier and quicker.



In this view an instructor is shown giving individual instruction to a student on one of the many radio sets in the servicing department. Notice the late type radio analyzers which the students are using to locate troubles.

Now let me tell you about SOUND-TELEVISION

HERE you enter one of the most interesting departments of the entire course, and one that is splendidly equipped with some of the most fascinating machines that you have probably ever seen. I do not believe that you can find in any other school in this country a more complete outlay of **Sound and Television** training equipment as we have provided for your use and instruction in this department. You will work with **actual Television** transmitting units and see your own image transmitted and received on **complete televisions** which you assemble and test under the supervision of your instructor who is a specialist of wide experience in **Television and Sound** work.

You will also work on an amazing machine for transmitting motion pictures by **Television**, together with a number of factory made **Television** receivers which you will operate and test. A **complete Sound picture machine**, powerful public address amplifiers, huge power speakers, special short wave receivers, sound recording machines and reproducers make the **Coyne Sound and Television** Department the most complete Shop Training Laboratory to be found in any similar Shop Training School in the United States.

Opportunities for Trained Men in Talking Pictures

MANY people do not realize that the **Sound** equipment and other up-to-date apparatus in our big motion picture studios and thousands of theatres throughout the country are to a great extent a part of **Radio**, and that many **thousands of trained Radio men** are required to manufacture, install, operate and service this little understood equipment. Some of our graduates are working at good salaries in theatres, while others are employed to install and service **Sound** equipment.

New developments are constantly increasing the need for trained **Radio and Sound** men in the production of motion pictures. There are thousands of theatres already equipped with elaborate **Sound** apparatus. Just as a few years ago there was a shortage of trained motion picture projector operators, today there is a real need for **trained workers to handle Sound equipment**. That is why we emphasize **Coyne Training** in the **Radio and Sound** equipment division of this young and booming industry. It is also why we advise any ambitious fellow to get practical training in the **Sound** equipment phase of the motion picture field, right now.

Here at **Coyne** you will be taught the nature of **Sound** and sound handling problems for theatre and studio work. You will learn the operation, care and servicing of sound heads, photo cells, exciter lamps, lenz adjustment, pre-amplifiers, power amplifiers, power speakers, tone controls, etc.; also how to test these systems to quickly locate troubles and correct them.

Public Address and Sound Work

ANOTHER great, new, profitable opportunity for trained men, which is closely related to **Sound** pictures, and is also a recent **Radio** development lies in the **public address and Sound** recording field. Powerful public address amplifiers are being installed in baseball parks, football fields, dance halls, clubs, schools, churches, music halls, stores, factories, hotels, and at race tracks, bathing beaches, summer resorts and other public places where music, entertainment or advertising is intended to reach large groups of people.

Many of our graduates are now employed in **good paying jobs** by companies that make a business of manufacturing, installing and servicing **Sound** equipment. Others are **in business for themselves**, building, installing, renting and operating their own public address units and systems, **Sound** trucks, etc.



Now Service Engineer

"I'm at the transmitter of WHAT . . . I pushed operating aside until lately when I made up my mind to get into a station . . . and so I did and enjoy it."
J. Handschetz,
Penn.

These fellows are at work on various types of television receiving and transmitting apparatus and public address equipment. Students actually operate and test both factory made television equipment and sets they build up themselves.

our Great Department in- and TALKING PICTURES

Then there are the sound recording studios where records are made for radio programs, for phonographs, and of important speeches and entertainment and educational features.

To make a **real success** in any of these jobs **requires practical training**. So you can see why we have **installed** such elaborate and expensive equipment for your practical training in this tremendous field here at **Coyne**. Your instruction in elementary acoustics, **Sound** handling problems and practical **Radio** principles coupled with your **actual work** and shop training by **widely experienced instructors** on actual **Sound** picture equipment, public address amplifiers, tone controls, recording and reproducing machines, power speaker matching, etc., is certainly what you need to help you qualify for a better paying position and promising future in one of these important and profitable branches of **Radio** work.

Television Opportunities

MANY people say that **Television** is merely an inventor's dream and will never become a commercial reality, etc., but this was said of the electric light, the **Radio**, the motion picture, the airplane, and many other great inventions. So don't be fooled by this short sighted advice from those who lack the courage and foresight to prepare for the **great opportunities** in this **amazing development** that is certain to be in every home before long. **Television** will become one of our great industries during the next few years, just as surely as the **Radio**, telephone and airplane have become prime necessities. Already, big **Radio** manufacturers have trained **Radio** men working night and day to improve and perfect present equipment. Huge broadcast stations and studios are being equipped for **Television** programs. **Television** equipment has already been produced which will give surprisingly clear and recognizable pictures from ten inches to ten feet square; and each month new and greater improvements are being made.

Some of our graduates are already working with concerns where these improvements are being developed while others are working on inventions and improvements of their own. Any fellow who is training and preparing to follow any branch of **Radio** work would be **making a big mistake** to neglect a **Sound Training** in **Television** principles and equipment in preparation for the **tremendous opportunities** that are **certain to develop** in this field during the next few years.

That is why we have provided thousands of dollars worth of **actual Television transmitting and receiving equipment** to give you the proper kind of training here at **Coyne** and we will continue to add the latest type equipment as it appears on the market.

Training Needed in Many Branches

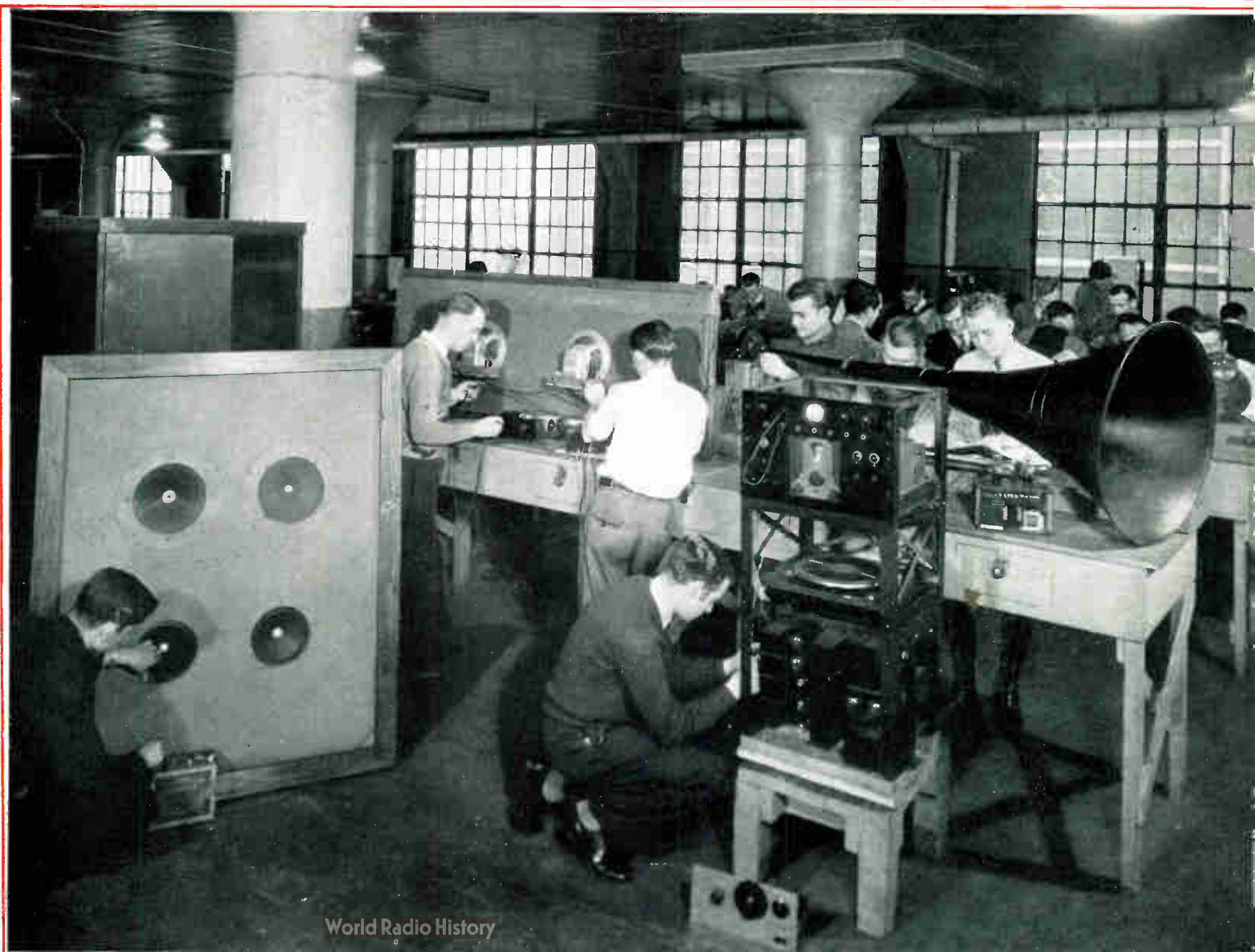
NO employer will trust expensive **Sound** picture, public address or **Television** equipment to untrained, inexperienced men, or to those with only a book knowledge. With delicate equipment at stake, costing many thousands of dollars, they naturally insist on men who have had practical training for its operation and care. Therefore to help qualify for good paying, fascinating jobs in any of these branches of **Radio** you will want to get your training on modern **Sound** picture, public address and **Television** equipment such as we have provided for you here in our Shops.

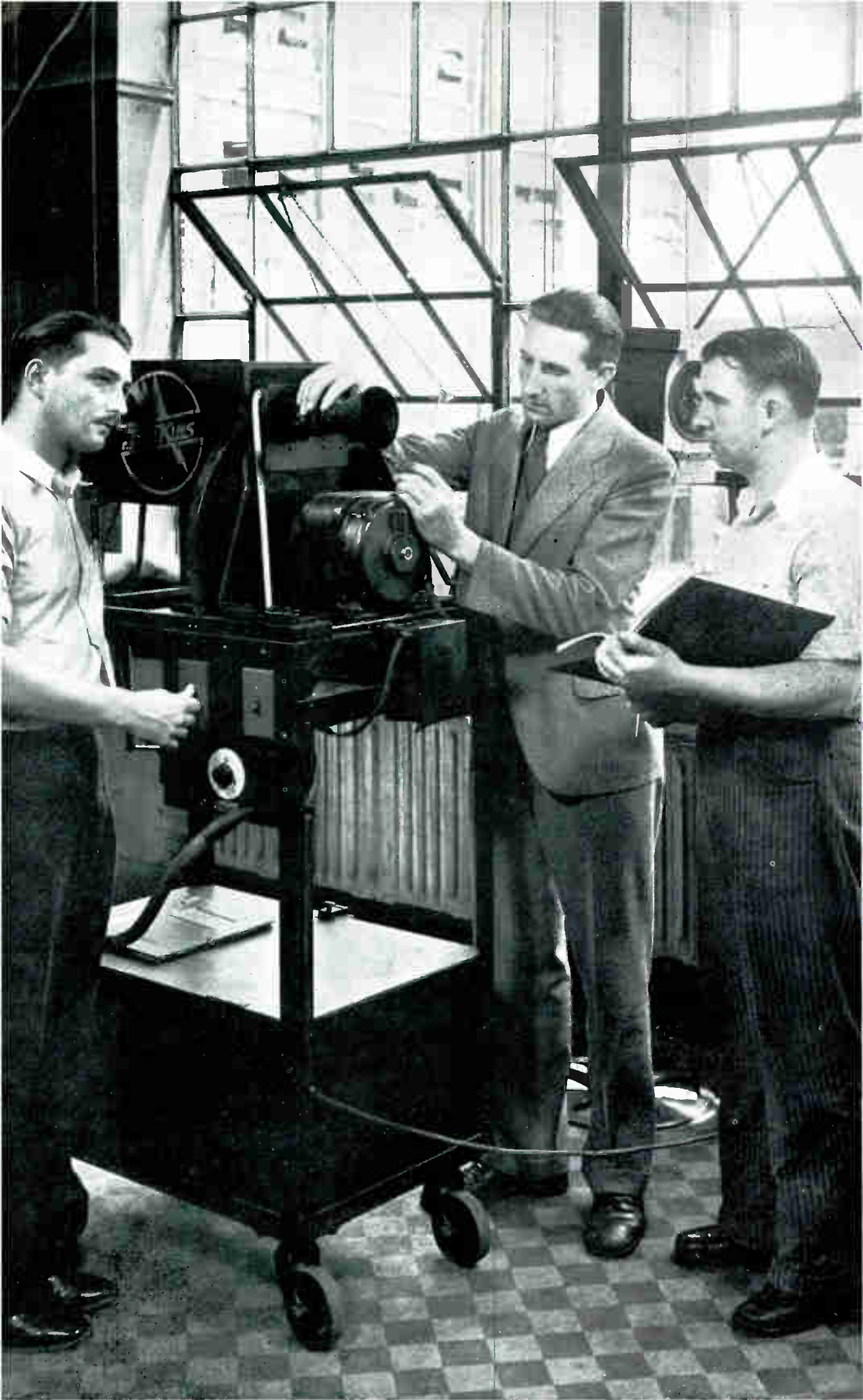
See the photographs of our students at work on some of this interesting equipment on the next few pages, and observe them receiving personal attention from Instructors. I know that you will realize the superior features of **Coyne** Training and that in our remarkable Shop Training School you should receive the kind of Training you need for your start to a successful career in the **Radio** field.

His Own Business

"I haven't been out of work a single day since I came home . . . I now have a **Radio and Refrigeration** business of my own."
A n d r e w
Fischer,
Calif.

These students are testing public address amplifiers and power speakers and matching dynamic speakers for multiple operation, etc. Many **Coyne** graduates are specializing in this profitable branch of radio work. This is some of the most fascinating work in the entire **Radio** field.





Left College for Coyne

"I left college to come to Coyne and I didn't flunk either. I needed practical work and knew Coyne was the place to get it. I am now in business for myself and have all the work I can possibly handle. I can name several of my college chums who are out of work and don't know when they will get back on the job. I often earn more in a month than the city engineer of our city."—E. P. CARTWRIGHT, Iowa.



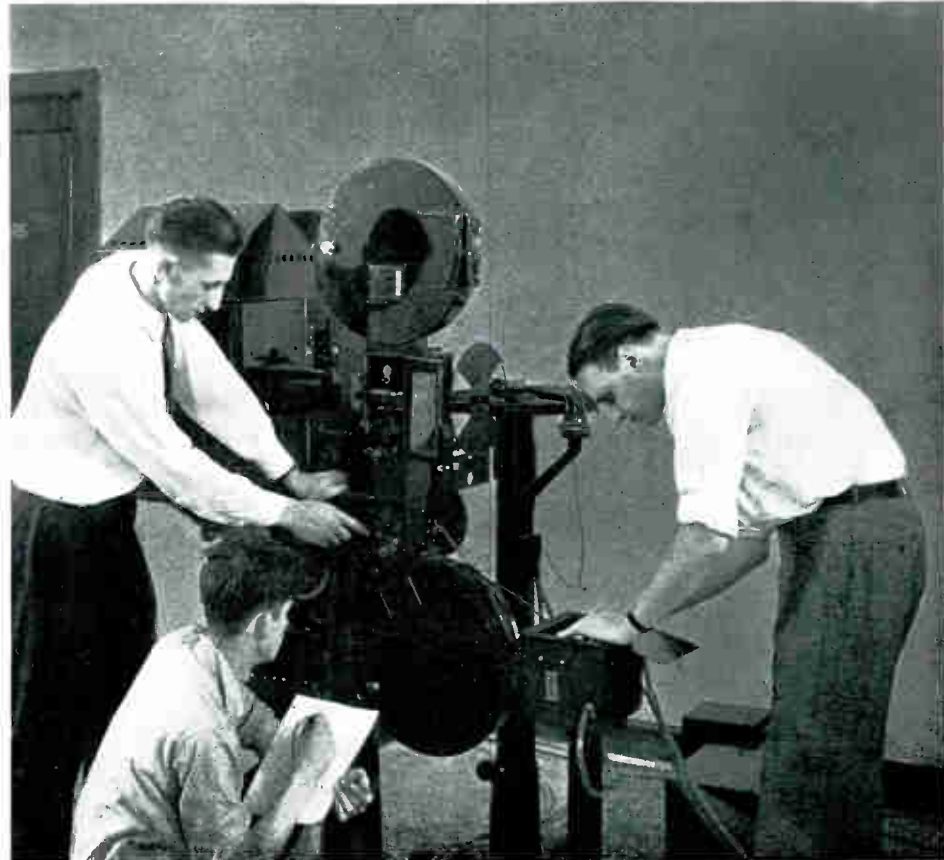
Student operating home-type Television and Short Wave Receiver. Soon there'll be a demand for thousands of trained men to install and service such equipment.

Instructor explaining sound head and pre-amplifier of Talking Picture machine. This practical training enables you to hold a good job in the Sound field.

Students receiving an explanation of our Television camera and scanning unit, which picks up the picture of "live subjects," in Television transmission.

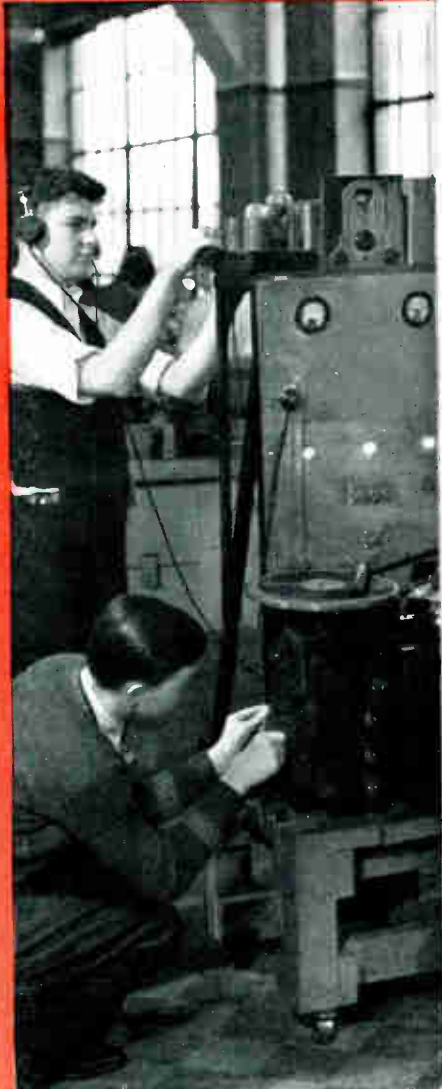


Students getting practical experience in the construction and operation of modern public address amplifiers, and in the testing of microphones and speakers.



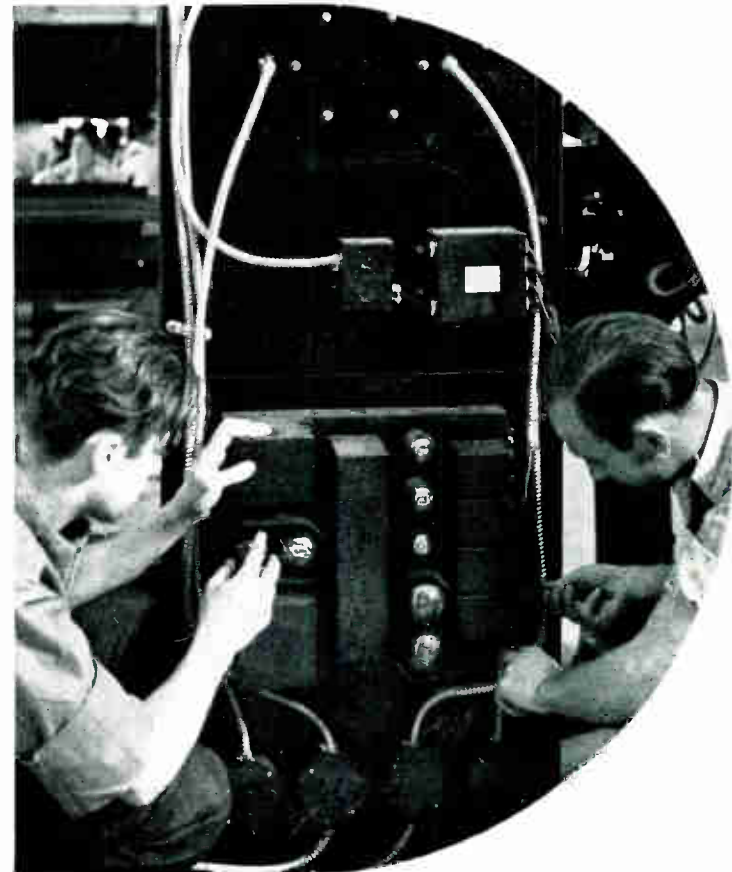
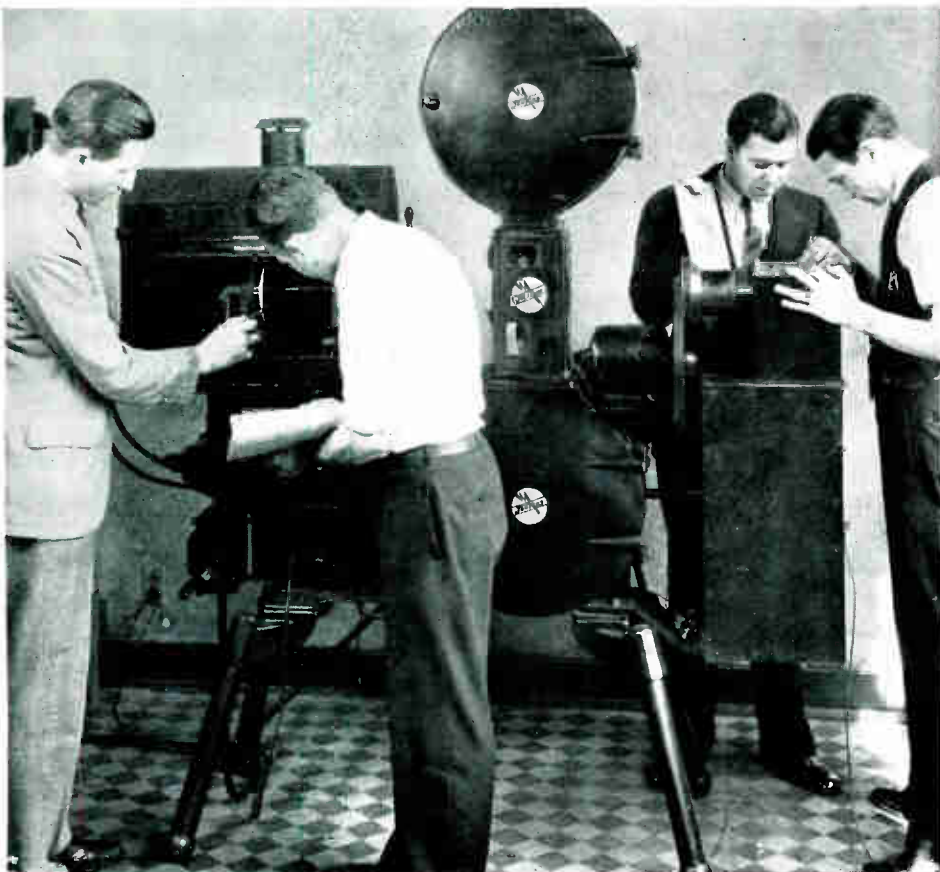
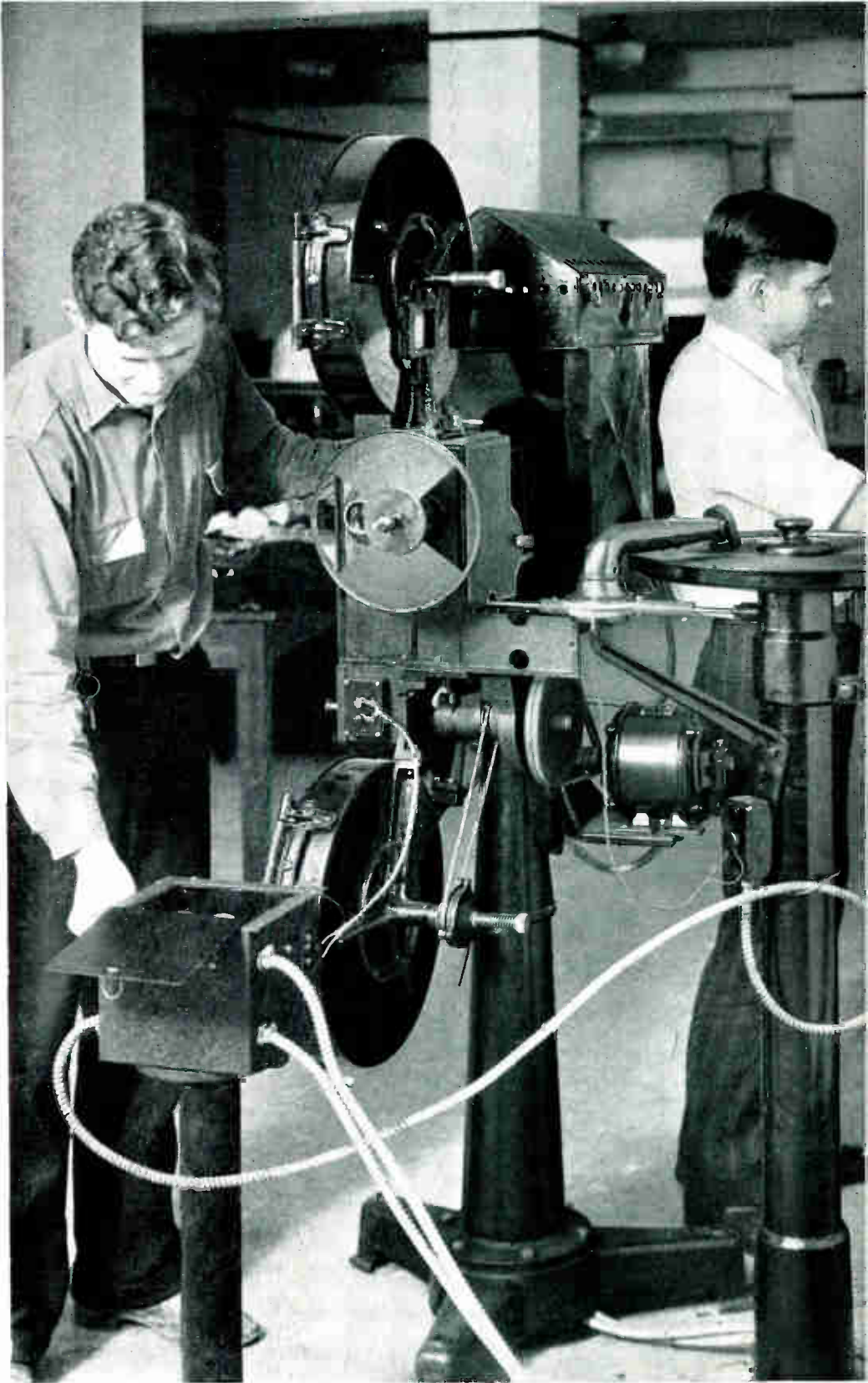
Now Makes More Money

"Due to Coyne's practical work it was easy to learn in 12 weeks. . . . The faculty was very anxious to help me get a job and within a short time I got a job with _____ Co. as radio and refrigeration serviceman. I have had steady work ever since and can truly say that due to Coyne I have been able to increase my earnings."—
A. SCHMIDT, Minn.



Here you see two students getting practical experience in making tests on a public address amplifier with Radio receiver and electrical record "pick-up."

Students receiving practical instruction on the operation of the film scanning machine—a part of our Television transmitting equipment.



Upper photo shows students learning how to handle sound equipment. This machine is equipped to handle sound on film or sound on records.

More actual practice and experience on Sound Equipment by working on a Power amplifier panel used with talking picture and public address systems.

You Now Enter This Big Department In ELECTRIC REFRIGERATION.....

Why Coyne Students Get a Combination Training in Radio and Refrigeration

THE great field of Radio is today more closely related to the equally important Electric Refrigeration industry than most fellows realize. When the Electric Refrigerator first became popular and began to be sold everywhere, many of the larger manufacturers of Radios commenced to make Electric Refrigeration units. Naturally, they had to sell these Refrigerators through distributors. So, it was logical for them to turn to their established Radio dealers as the best sales outlet for this new product, since the Radio and Electric Refrigerator both went into the home.

Today, it is customary for the average Radio dealer and service shop to also handle Electric Refrigerators, and because both of these products are so closely linked together, the man with a combined knowledge of Radio and Refrigeration servicing is far more valuable to his employer. Coyne is of course familiar with conditions in the field and the requirements of employers in the Radio industry. That is why we consider it necessary to give students the benefits of this important combination training in Radio and Electric Refrigeration, and in this way help them to make their services doubly valuable to their employers when they go to work in the field.

Great Opportunities for Trained Radio Men in This Big Uncrowded Field

IN approximately ten years, Electric Refrigeration has grown so rapidly that it is now counted among our largest and most active industries. This amazing field is still

expanding and jobs have been created for thousands of trained men. The annual production of Electric Refrigerators has jumped from 100,000 units to over 2,000,000 units per year. Today many millions of homes are using Electric Refrigerators to save money and improve health by preventing food spoilage. Millions more of our homes are yet to be equipped with electric refrigerators. And it must be kept in mind that most of these same homes also have radios.

Easy to Learn by Coyne Methods

IT is surprisingly easy in the Coyne Shops to learn about the operation, care and repair of the many interesting refrigeration units, under the personal supervision of experienced Refrigeration instructors who show you step by step how to do the work on well-known machines of different types.

Practical Work on Well Known Machines

YOU get your training on many different types of household refrigerators, commercial units for stores, meat markets, etc. You will easily realize how practical is your Training on the many makes of compressors and refrigerators which are provided for you to overhaul, test and service in this department. This is a very important point for you to remember, because you want to get your Training on machines made by the outstanding manufacturers. For this reason, we are constantly adding late types of Refrigerating machines so that this department will always be up-to-date and give you instruction on the kind of equipment you will have to work on when you are out in the field.

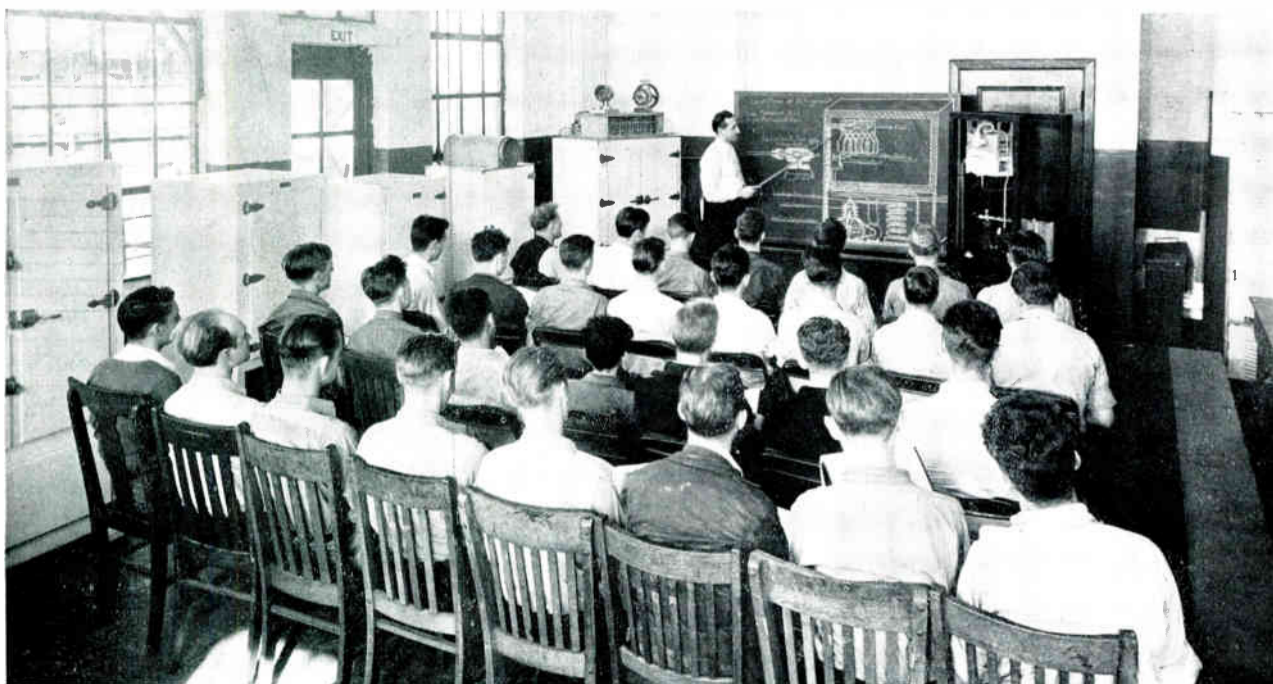
You will learn about Refrigerant liquids that boil at temperatures near zero. You will learn about reciprocating and rotary compressors, flooded and dry type evaporators, expansion valves, float valves, thermostatic switches, various types of motors, etc. You will be taught modern methods of installation, servicing and testing refrigeration units.

In addition to this practical Shop Training, you will get many practical pointers on salesmanship to aid you in sales work or in the operation of your own radio and refrigeration business. Coyne graduates who possess sales ability frequently make successful equipment salesmen because they are better able to explain their machines to customers and to also service equipment in need of repair.

A Big Uncrowded Field for Trained Radio Men

NOW is the time to train for this profit making field. Why struggle for a foothold in overcrowded lines? It is easy to understand that the fellow with the foresight who gets in on the ground floor is bound to benefit over a period of time. Here is your big chance to get this combination training and enter an uncrowded field of profit making possibilities. Now is the time and Coyne is the School where you can get the type of training that will help prepare you for a start in the money-making fields of Radio and Electric Refrigeration.

Now, look at the pictures of our Refrigeration Department on this and the following page and you should be convinced that here at Coyne you will be able to get the combined practical type of training you want and should have in order to enter this interesting field which combines so well with Radio.

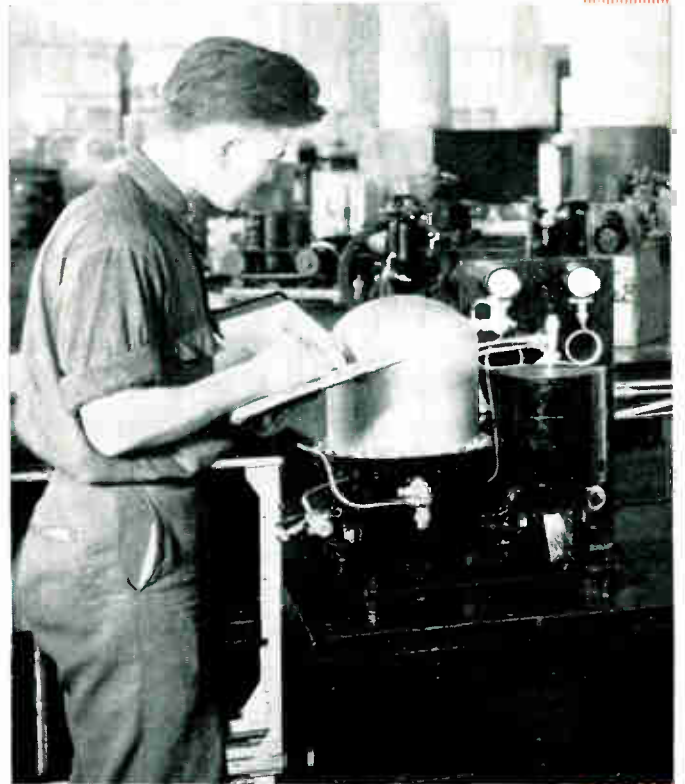
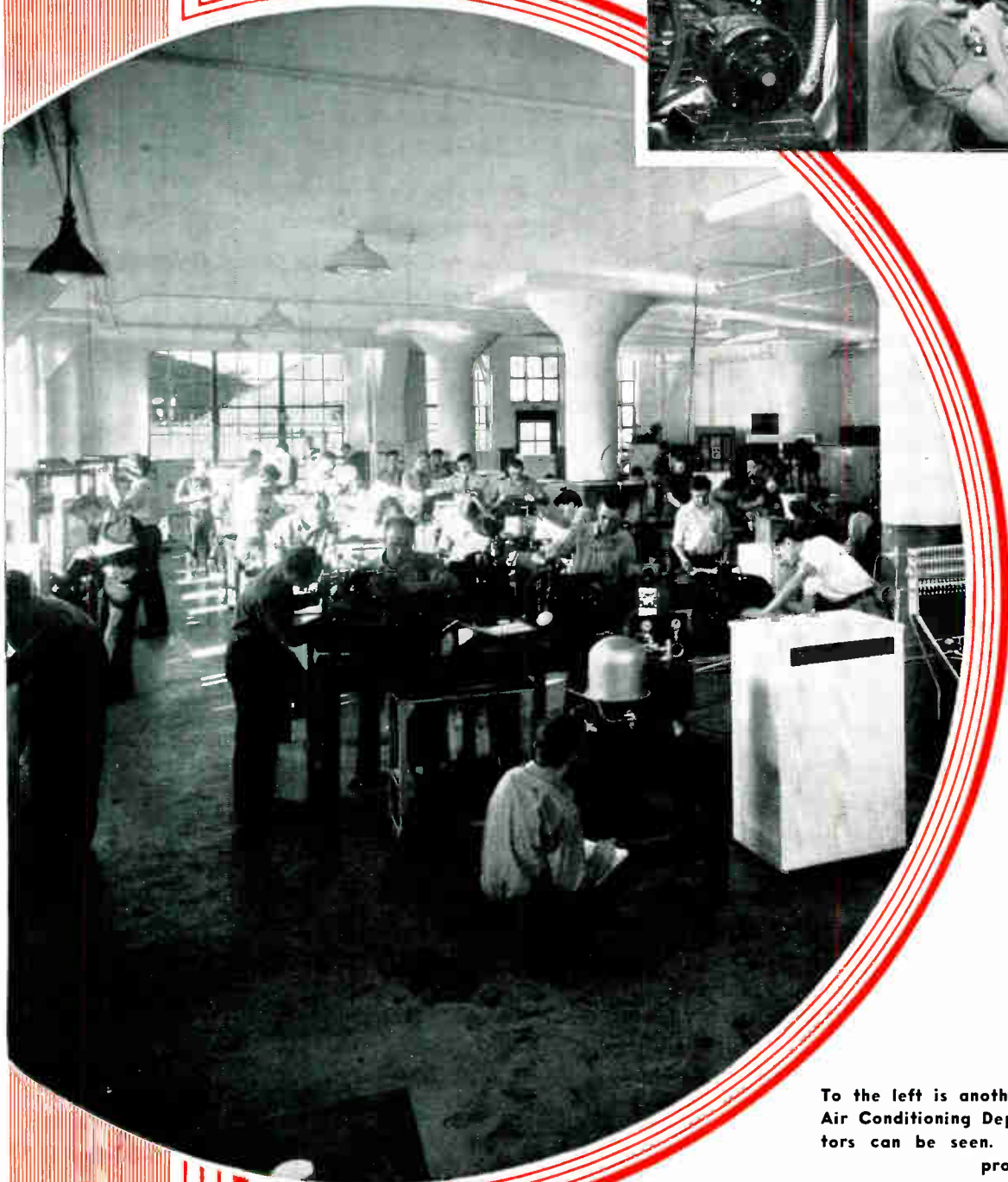
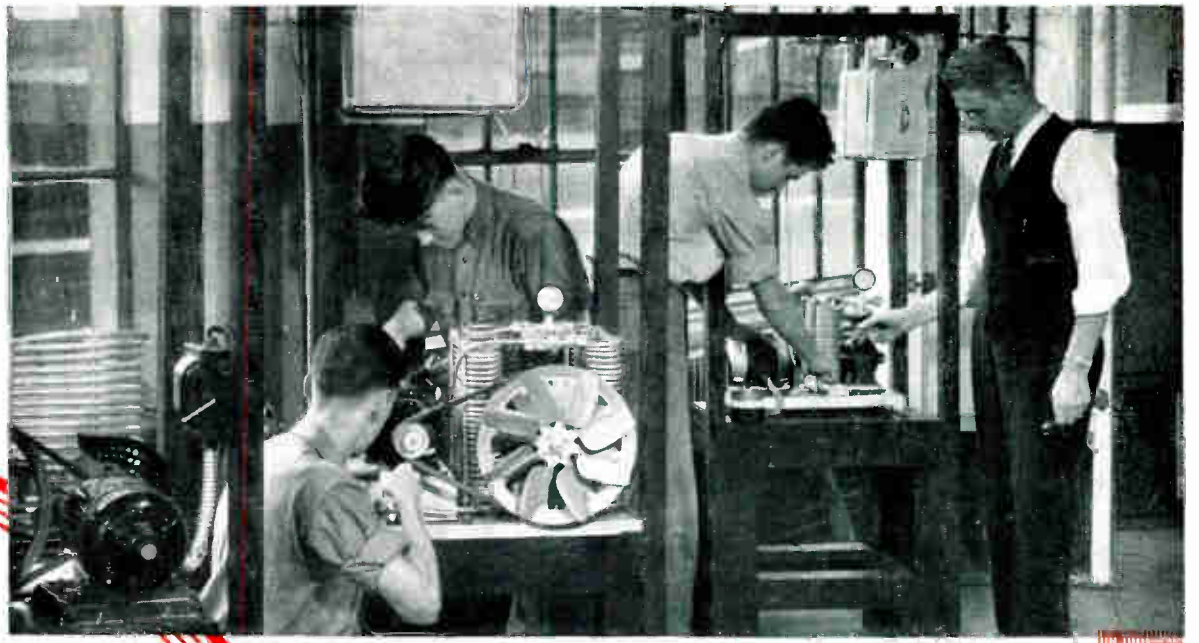


Three Raises in Pay

"I am employed with the _____ Co. and have been working in the Refrigerating Department, but am now transferred to even a better position having a man under me. I have worked just one year for the _____ Co. and have received three advancements all due to my COYNE training."

—R. M. MYERS,
Idaho.

Students making tests on Refrigerating units. Note the special equipment making it easy for the student to inspect and handle every part of the machine.



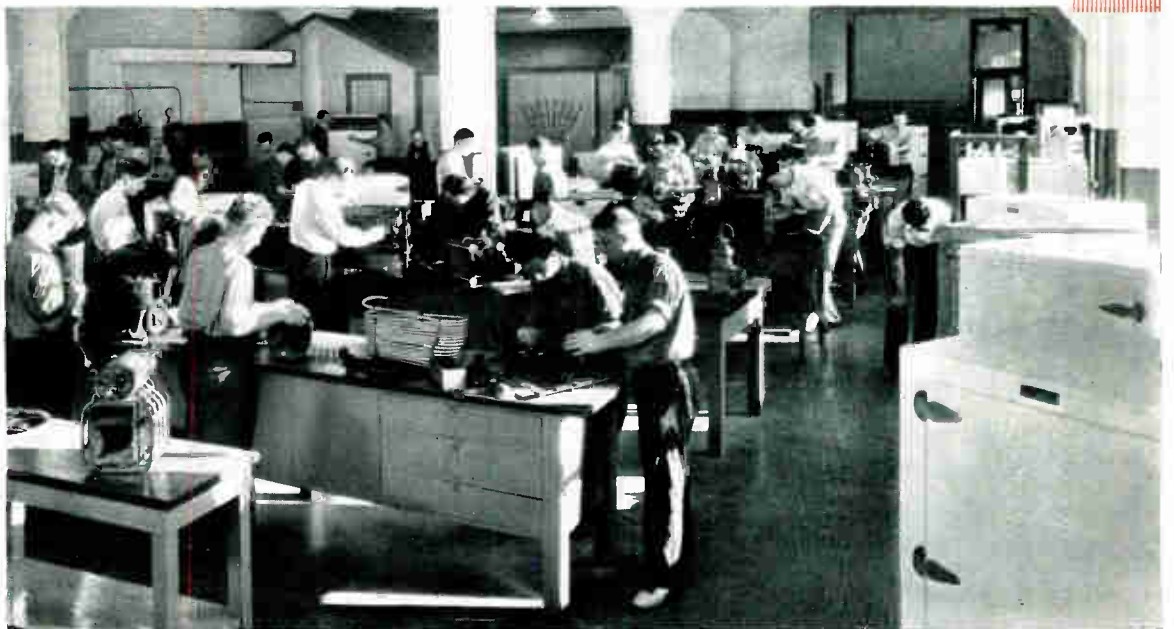
Student recording gauge readings for future reference. Such information is valuable when you are out in the field working on a job.

To the left is another interesting view of the Refrigeration and Air Conditioning Department. Many popular makes of Refrigerators can be seen. The orderly arrangement of work benches provides plenty of shop space.

His Earnings Tripled

"After graduating from COYNE, I have been working steady ever since and making three times as much money as I was making before I took up COYNE Training. . . . The COYNE Electrical School helped me to get this job I now hold.—"BERT" FARLEY, Cal.

In the background of this view on the right you can see a modern, air conditioned Bungalow, containing a well equipped Test Laboratory, where Coyne students study temperature control, moisture content, etc.



BROADCASTING - Let me tell you about Radio Station Work-Code Training

IMPORTANT—The instruction you get in this department is in addition to the regular 12 weeks training. It is given you at no extra cost. However, if you wish to receive this instruction, you should plan on spending six (6) to eight (8) or more weeks extra time in the shops.

IN this Department we teach the things you will need to know in order to help you to qualify for a job as a Radio Operator, studio technician or amplifier man in broadcast or commercial stations, or as operator on ship or airplane.

Here you learn how to handle and operate real transmitting equipment by actual practice on a complete modern broadcast transmitter, as well as on other special transmitters. You also get practical instructions in handling microphones and studio equipment, right in our own "sound treated" studio. You are also taught the fundamentals of sound handling, operation, of amplifiers, monitors, mixing and control panels, etc.

The construction, operation, care and testing of all this equipment is carefully covered in interesting practical instruction by an experienced Instructor who is a commercial licensed operator.

You Learn by Doing

JACK DEMPSEY didn't become World Champion by reading books, nor did Babe Ruth learn how to bat .400 by simply studying lessons. No! They learned their stuff by actual work, practice, and experience. And that's the way you'll learn Radio at COYNE.

You won't just study books or lessons about radio transmitting equipment—you'll actually be trained on that equipment—you'll do much of the same work here that you would have to do if employed in a real broadcast station.

So when you graduate from Coyne and start work in the field, you won't find the work strange to you. Instead the job will be familiar to you—like one you performed many times here at Coyne when your work had to be inspected and passed upon by an Instructor.

Your Instructor Works With You

REMEMBER that when you work on this Radio transmitting equipment here at Coyne your Instructor is always near to help you. He shows you how to do each job properly, giving you the benefit of his long experience and telling you just what will be expected of you when you get out on the job.

When you finish each job he asks you questions about it—and many of these are the very same questions you will be asked when you apply for work later on. In this way we try to make sure that you have mastered every job, so you should be able to qualify for a good position in the Radio operating field.

And that is why we have gone to such great expense to make the course so interesting and practical and to provide the very best equipment and Instructors for your Radio training.

Fascinating Work



RADIO operating jobs provide interesting, fascinating and responsible work for the man with practical Radio training. Besides the real enjoyment of operating such equipment many Radio operators and technicians have chance to travel and to meet Radio stars and other famous people. Trained Radio men are needed at the big ball games, prize fights, races, conventions, etc., to operate the "pick-up" equipment used in broadcasting these events. Then think of the fascinating work of the Radio operator on ocean-going steamers, on transport airplanes, at airports, etc.

Radio Operating at Sea and in the Air

RADIO Operators on ships have very pleasant jobs with comfortable quarters, good food, and many conveniences furnished them. They handle interesting messages, news items and Radio entertainment for the passengers, and are respected by all on board, because as a ship's Radio operator you are the "voice" of the ship, or its only means of communication with the rest of the world.

Can you think of a more pleasant life than sailing the seas and visiting different foreign lands as a Radio Operator. A number of our graduates are now Radio Operators on ocean-going vessels.

Radio offers one of the best ways of getting into aviation today. There is a rapidly growing demand for trained Radio men in aviation, for operating and maintaining the transmitters and receivers at airports and on the planes. Radio is so essential to the safety and efficient direction of airplanes that already almost every passenger and transport plane is fully equipped with Radio, and trained Radio men are needed to install and operate this equipment.

Just imagine being a Radio operator on one of these great planes, or having a steady good paying job servicing the Radios on the planes at their hangars.

EMPLOYERS of Radio operators must insist on getting men with practical training, as they cannot trust their equipment worth many thousands of dollars, in the hands of an inexperienced operator, or one who has only obtained a little theory from books and lessons.

Many Radio Employers know that Coyne trained men have had practical instruction on actual, full size Radio transmitting equipment, under capable instructors who are experienced licensed operators themselves.

There are hundreds of broadcast stations in the United States alone, and in the near future they should be installing Television transmitters in addition to their regular sound transmitters. Millions of dollars are being spent for Radio transmitters and beacons to aid air navigation, and a number of leading air transport companies are already equipping their transport planes with Radio apparatus as rapidly as possible.

All this and the increasing use of Radio on steamships, private boats, and for long distance telephone communication, is constantly requiring the services of Radio Operators and creating splendid opportunities for men with practical training.

Radio Operating and Code Training Optional



IF you are interested in Radio Operating, you are privileged to spend several extra weeks in this department at no additional cost, and get the advanced work you will find necessary for your operator's license.

However, if you desire to take up operating you should plan to spend 6 to 8 weeks or more additional time in the course, depending upon the class of operator's license you desire to train for, and your own speed in learning this work.

Some Radio operating jobs do not require code and some do, so we have made Code Training also optional. These students who wish to take code get special personal instruction and sufficient practice to enable them to pass the code tests for Government License Examinations. However, there will be no extra charge for this code training.

Here at Coyne we don't just teach you one branch of Radio. We train you in the many different branches so that you can take advantage of the many opportunities that will confront you daily.

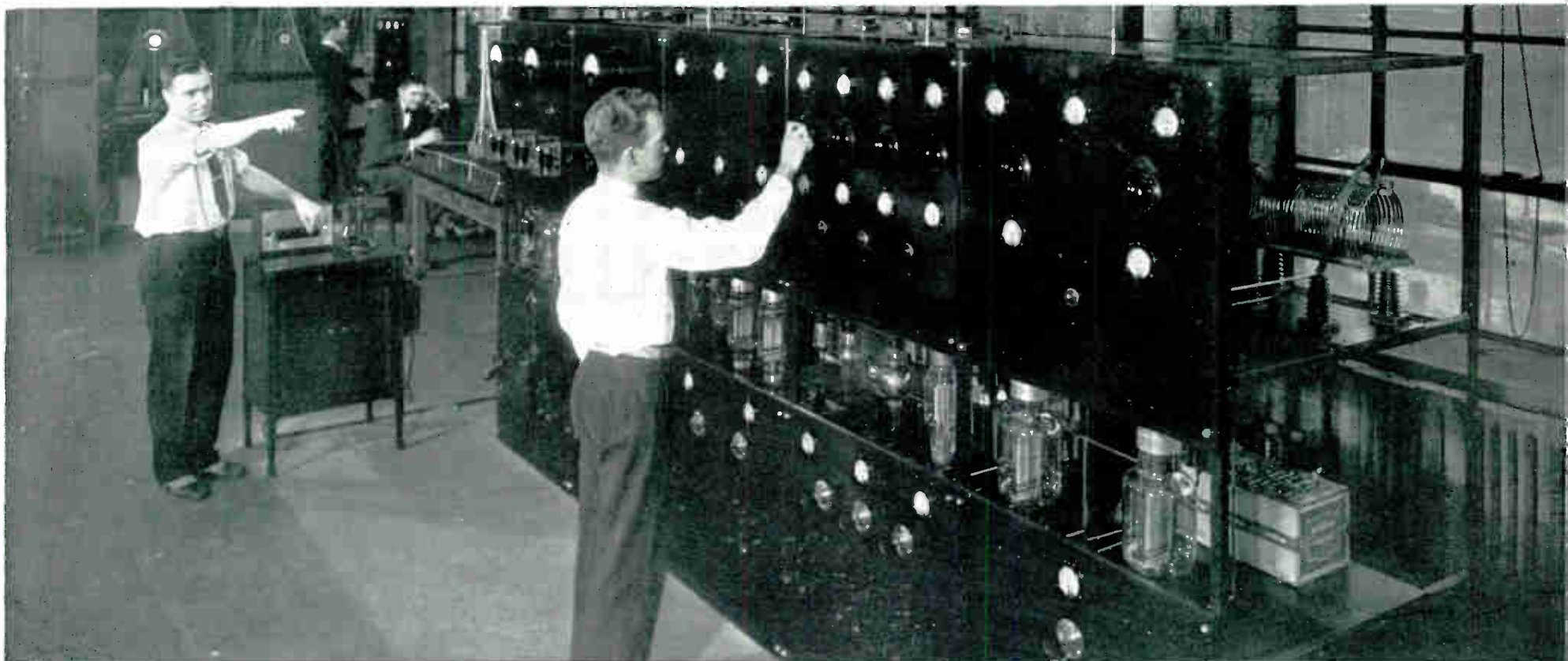
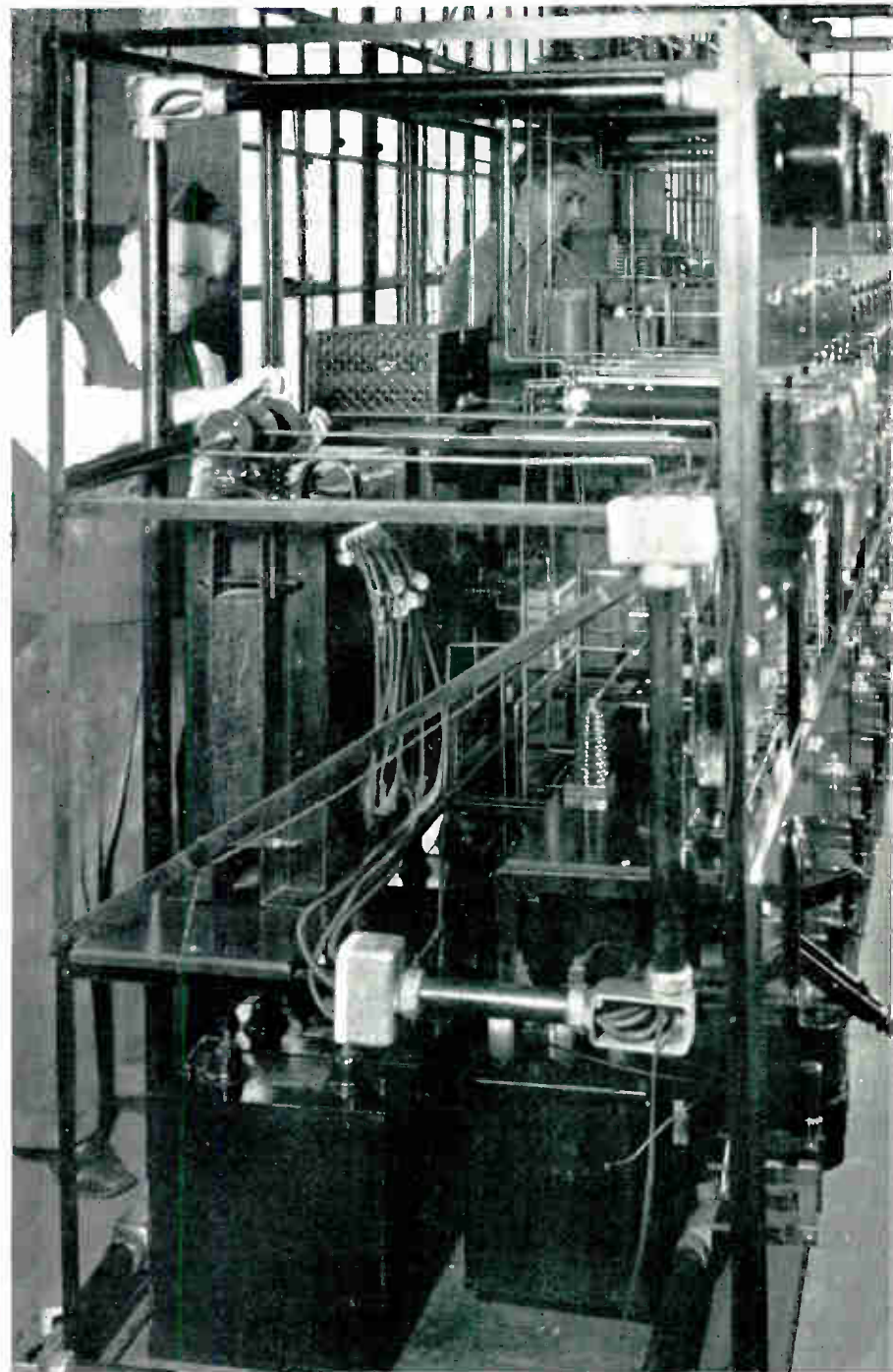
On the next two pages are actual photos of our students at work on this interesting Radio transmitting and code equipment. Note that here again, as in all other departments, the students are not learning from books, but by actual, practical work on equipment such as you may be called upon to service and maintain.

STUDENTS Operating our Modern Broadcasting Equipment in Operating Dept.

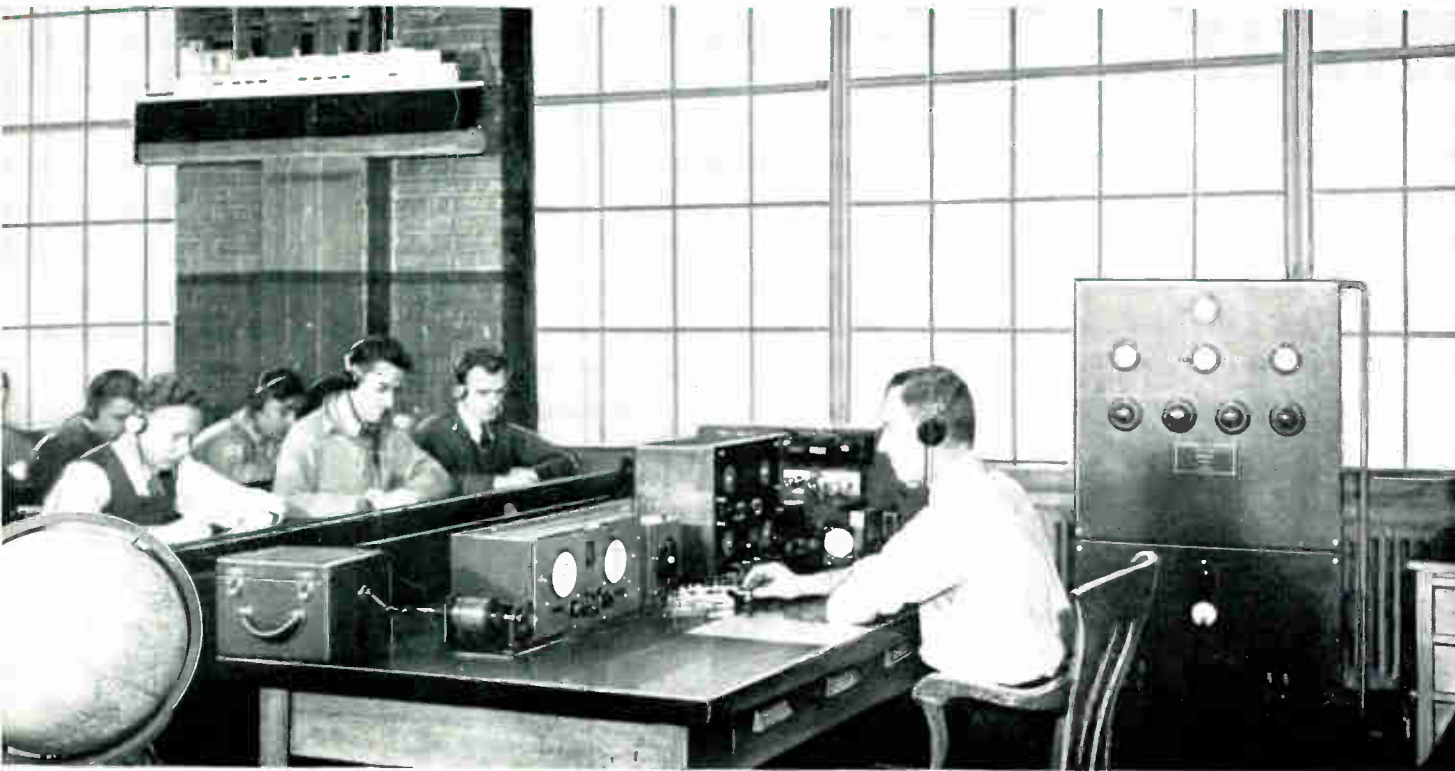
The photograph on the right shows how all parts of the Broadcast Transmitter, such as circuits, tubes, etc., are made easily accessible to students for testing and observation purposes.

In the photograph below an instructor is operating our licensed short wave transmitter copying messages to be relayed to students in code and telegraph practice.

The view at the bottom of page shows a student operating our modern Broadcast Transmitter under the direction of an experienced instructor. Note the studio in the background.



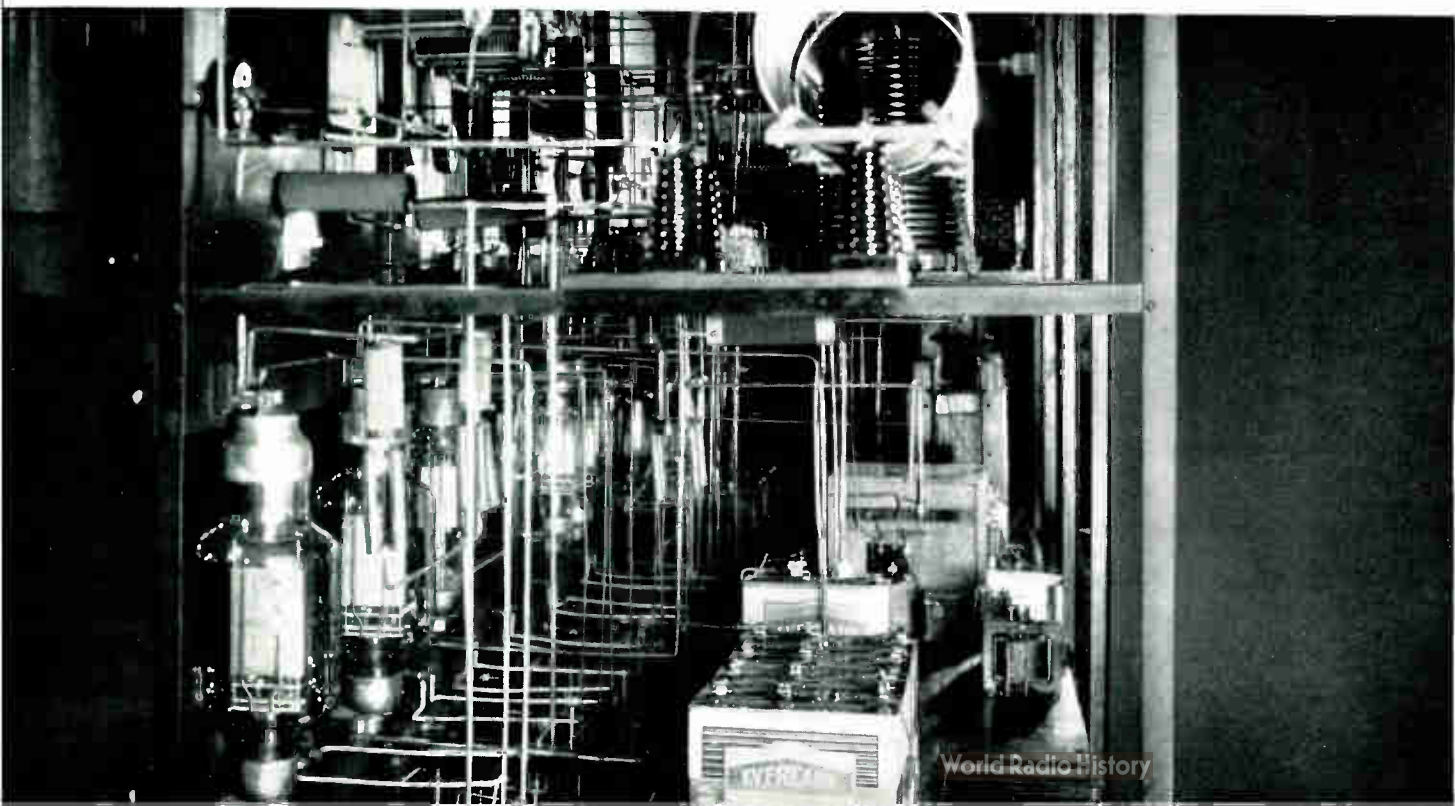
STUDENTS LEARNING Code- Radio Transmitting and Operating



Instructor sending Radio telegraph code messages to students preparing for Government operators license exams. Observe the modern short wave and commercial receivers over which students also receive messages from all parts of the world, and the short wave amateur transmitters W9KH which are on the air.



In this picture students are shown operating control panel, fading and mixing equipment, also testing microphones, recording and reproducing units, etc., in the sound treated studio, where a study of elementary acoustics and sound handling problems are made to prepare students for studio and theatre jobs.



A small section of our Broadcast transmitter, showing part of the large vacuum tubes and some of the tuning units.

Now That You Have Been Through Our Shops I Want You to Read *This* and *Following* Pages

YOU have seen actual pictures of Coyne—both inside and out.

You could hardly help noticing our wonderful fireproof building on page one. Also you must have been impressed with the light, airy conditions in our shops; all warm and cozy in winter—well ventilated in summer. We train students at Coyne every day except Saturdays, Sundays and Holidays—the year around. Can you doubt the convincing evidence of modern Radio equipment in the actual photographs you have seen—and mind you they are reproductions of actual shop scenes, every one of them. What a fascinating sight it is to see so many students no different than you—so happily engaged in working individually under personal instruction. And remember that all these men were actually engaged in repairing and operating real Radio equipment—getting a training that helps to give them a start in the Radio field.

Easy to Make the Start In Radio

I HAVE tried to show you that it is easier to get into Radio and prepare for greater opportunity, than you may think. I have tried to tell you every single detail about Coyne training that I believe you want to know. Can you imagine the size of a building necessary to house all the modern equipment you have seen pictured in the foregoing pages? I know of no finer equipment in any other similar educational institution—but that is only one of the many things which makes Coyne the great school it is. No wonder Coyne men are so well trained and new students without previous experience can be trained so quickly — just as you can be!

I wanted to be sure that you learned about the Coyne School and what it could do for you, without any misunderstanding on your part. The story of Coyne is so interesting that I am seeing to it myself that you understand it correctly through the important facts I have already told you and from the actual shop photographs.

No Entrance Examinations — No Experience Necessary

THE Coyne Radio Course gives every student the training he needs. We take it for granted you know little, if anything, about Radio. When you enroll at Coyne, we feel

Coyne Training is *Learn By Doing* Shop Training To Help Make You a Practical Man!

COYNE is not an Engineering school, nor do we attempt to make engineers out of our students.

Here at Coyne, you get a training on actual Radio equipment, which is designed to give you a practical, workable knowledge of many branches of Radio.

The students who come to Coyne are the fellows who want a training that will help equip them to go out and do actual Radio work. The necessary theory is given the student in a practical way, through blackboard talks, dem-

Coyne Is Not a One-Man Institution

NATURALLY, a school such as Coyne is not a one-man institution. As head of the school, I could not possibly hope to handle all of the students' problems personally. Therefore, I have surrounded myself with an organization consisting of a group of men whom I can trust to handle most of the problems that come up, just as I would handle them myself if I were able to do so personally. In selecting the group of men who make up the Coyne Staff, this was uppermost in my mind.

I am mighty proud of the Coyne family. These men who comprise my staff are all real fellows. Most of them have been with me for many years. They are practical men, and each is thoroughly familiar with the work of his department.

You will find all of them friendly, sincere, patient and understanding, and always ready and anxious to help you with your problems.

By depending upon these men, each familiar with the matters that come under his charge, the student is sure of getting individual and personal attention in connection with his problems.

Any special problems are then brought to my attention through my staff and I can give them much better attention than if I was to attempt to handle each student matter myself.

You won't be in school for a day until you too will agree with me when I say—the Coyne family consists of the finest group of real men you ever met. You should remember them for many years and value very highly your association with them.

that you are here for just one purpose — to learn Radio as quickly as you can. How little you know about it when you arrive is not nearly so important as the fact that you must be trained when you leave.

However, as I have already pointed out, if you have some Radio knowledge before coming to Coyne, then you will not be held back but will be permitted to do the more advanced work.

You Are Not Rushed Or Held Back

NOW, let me make this point clear. The required time for each student to complete the regular course of training is 12 weeks.

This does not mean however, that every student is held to this time. We recognize the fact that each individual is different. One may learn quickly while another requires more time.

onstrations and by actual practice.

That is why our graduates are equipped to go right into Radio work when they have completed our training.

That too, is why the students who come to Coyne do not have to have advanced education or previous Radio experience.

I have tried to point out to you facts which will help to guide you and save you a lot of time. So I say, Coyne is the place to get your training, because the Coyne Shops are equipped to give you the type of training you need.

Because we understand this important fact, Coyne training has been made individual training. One student is not pushed ahead because he may be slower, nor is another held back if he can go ahead faster.

Therefore, should you require a little longer time than 12 weeks to complete the course you are permitted to spend as much extra time in the shops as you may need. This is entirely up to you. Regardless of the length of time you spend, there is no extra tuition charge. Your Life Membership allows you to take whatever time is necessary, and you can review any part of your course at any time, both while you are a student in school and also after you graduate.

Coyne Training Inspires Confidence

WE believe that an important part of any training is to build along with that training, confidence in oneself.

Many men fail in life because they lack confidence in themselves. Perhaps they possess the ability to accomplish results but they don't succeed because they lack the confidence to go ahead.

Here at Coyne we consider it a part of our training to make a fellow self-reliant and to teach him to think and reason things out in a practical way.

Many Opportunities Ahead In Radio

TO the fellow who prepares today, Radio offers many opportunities. How much any fellow profits from these opportunities, depends to a great extent upon himself. To merely think of them and do nothing, will bring no returns. But the one who prepares himself to take his place in this gigantic field by acquiring a training which will be the foundation for his start, should find in the Radio Industry the future he has dreamed of.

I believe I have convinced you that Coyne is equipped to give you the training that can start you on a successful future.

Opportunities exist in the great Radio field. You cannot doubt this. It is a field that is growing and expanding constantly. It is interesting, fascinating, and full of opportunities for the red-blooded fellow who is really ambitious to get ahead. Through Coyne Practical Training you can get your start for the rewards in this field.

I am sure you must be convinced of this after reading about the Coyne Shops in the previous pages of this catalog.

Now, I want you to read the balance of this catalog. As you do so, study each page carefully. I give you the facts you want to know. I have explained the many phases of the training and service rendered you as a student of Coyne. I have explained also the nature of the services available to Coyne graduates.

Coyne practical training should open wider the door to opportunity.

Important Questions Asked and Answered

Before You Enroll Be Sure To Read This Page

I HAVE tried here to answer every question you would probably want to ask, but I want you to feel free to ask any other questions you may think of. Also, if my explanations are not perfectly clear to you, don't hesitate to write me. I want you to thoroughly understand everything about my school.

Sometimes a fellow has a problem that's different from any other fellow's. So if you have any problem at all, don't hesitate to discuss it; if it's of a confidential nature, it will be kept confidential.

1. When is the best time to enroll?

There is no special time to start. My school is in session all year. Since the training is individual, a student can start any school day of the year.

2. What do you mean when you say "no books"? Does it mean you do not teach theory?

This is a question that is asked very often. When you went to public school or if you ever enrolled for a correspondence course—practically all of your work was out of text-books. Here at Coyne we don't teach you with text books. We don't condemn books if they are properly used for reference purposes or to keep posted on events or happenings. Our instruction, however, is on actual Radio equipment and not by text-books. We give a student the theory he needs by practical talks, blackboard sketches and equipment demonstrations. And of course you have your own notes to refer to. As I said, I don't condemn books—they serve their purpose, but I don't believe anyone can become a trained practical man by only studying books or lessons. Coyne is practical, both in practice and theory and you are not required to study from books here in my school.

3. Is your building modern and fireproof?

Absolutely, the very latest style of steel and concrete construction, light on all sides and ventilated. We occupy every foot of the building for our school.

4. Is your building centrally located?

Only a few minutes from the loop and still right in the heart of the radio industry. Chicago is one of the world's great Radio centers.

5. What is the cost of the course?

Prices and terms are given on the enrollment blank enclosed. Additional blanks sent promptly on request.

6. Does your tuition price cover full training?

Yes. You never pay us more than one tuition price, which covers all departments included in the Radio course and in addition, you receive a Life Membership including full review and consultation privileges.

7. Do you have any entrance requirements?

Students are expected to write and understand the English language sufficiently to be able to follow simple explanations and practical instructions and illustrations used by the instructors.

8. Do I need a lot of education to enter Coyne?

An ordinary common school education is sufficient, plus ambition and willingness to work. Because of our method of teaching, an advanced education is not necessary. Our training is practical. Some of our successful graduates have never completed the common school grades.

9. What is the age limit, if any, for enrolling in your school?

There is none. We have students as young as 16 and others as old as 45. Some of our best students were mature in years. Fathers and sons have taken the course together. Some of our students are experienced men who come to master advanced methods of doing their work.

10. Must I know anything about Radio to enter Coyne?

No! We teach you this work in many branches from the very beginning. Most of our very successful students knew nothing about Radio when they started. Students who know something about the subject, however, are not kept back studying details they already know.

11. Do you use books?

We do not use books as a part of our Training course. If a student wishes printed information for reference purposes, however, we can supply it to him at a reasonable cost.

12. Do I have to recite in front of a class?

Absolutely not. Our instruction, as I have said, is individual. By this, I mean each student can work independently of the others, so far as his work is concerned. If you have any problems to take up with the instructors, you take them up personally with them.

13. Do I have to do any school work in the evenings?

This is up to you. Many students prefer to spend an hour or two each evening on their reference set and notes they have taken from the day's work in the shops.

14. Is Coyne Training an Engineering Course?

We have tried to make clear in the pages of this catalog that Coyne Training is a practical Radio training. All of a student's time in the Coyne Shops is devoted to learning the practical Radio facts that he will be required to know in order to hold a Radio job. We eliminate the detailed technical theory and advanced mathematics which are required for an engineering degree. This alone means a saving of several years time. Further, here at Coyne we provide personal instruction for each student which makes for rapid progress in his studies. Again, our Learn-By-Doing Method on full-size commercial equipment, enables the student to learn practical Radio much faster than by studying from text books alone. That is why Coyne can train a student in 12 weeks to become a practical Radio worker and prepare him for a start in the field of Radio.

15. Can I take more than 12 weeks to complete my training?

Yes! There will be no extra charge for additional instruction. The required time to complete the regular course is 12 weeks. However, some students decide to take longer. No one is hurried or held back. There are a certain number of jobs to complete, so much shop work to be done, and every student is permitted to take more time, should he find it necessary to do so.

16. Does every student complete the regular course in 12 weeks?

Occasionally a student may need more than the required 12 weeks in which to complete the regular course. Sometimes a student may be a little slower in grasping the work. However, the majority of our students are able to complete the regular course of training in the prescribed 12 weeks' time. Naturally, it is impossible for us to tell a student in advance whether he might require additional time. We can only determine this after you have actually started your training. But, if you feel that you might require more than 12 weeks in which to complete the regular course, then you should count on this before you come to school and bring along enough money with you to cover the small extra cost of living expenses. I want to make clear once again that there is no extra tuition charge for additional training. Of course, if you decide to take the optional work described elsewhere in this catalog, then you must plan on spending the necessary extra time.

17. If I have to leave school—can I return any time?

If you are forced to leave temporarily—you can come back and finish at any time. Your Life Membership gives you this privilege.

18. Do you grant a diploma?

Yes, a diploma is issued to every student upon satisfactory completion of his course.

19. What are the advantages of a Life Membership?

When you enroll at Coyne, you are entitled to a Life Membership. This entitles you to stay at Coyne as long as necessary for you to complete the course in a satisfactory manner. In addition, you have the privilege of returning to school after you graduate, to review any part of your course, or to receive instruction on any new features we may have added to the course, for which you enrolled. As you know, new Radio improvements, equipment and new ideas are continually being developed. As we add new equipment to our course, you are entitled to come back for additional instruction at no extra cost.

20. Do you have facilities for disabled students?

Yes! Many students who are hard of hearing or physically disabled, are sent to Coyne by various agencies. The loss of an eye, arm or leg need not discourage you. We have excellent facilities for handling disabled students. Write to us about the nature of your ailment and we'll advise you if you can master Coyne Training.

21. Are there any extra expenses?

Every student is required to pay at the time of entrance to the School, the sum of \$5.00 for Graduation Fees, which covers his Diploma, School Pin and a Lifetime Membership. In addition to this, the cost of necessary School supplies is \$14.00 which includes a monogrammed Notebook, scratch pad, pencils, a set of nicked drawing instruments, leatherette card case and a number of other items. This makes a total of \$19.00 for incidental fees. Any other supplies which a student may purchase, such as blue prints, etc., should not exceed \$5.00 during the entire training period.

22. Will I need any shop tools?

The tools you will need will be loaned to you in each department by the school, WITHOUT CHARGE.

23. What should my living expenses amount to?

Room and Board can be had for as low as \$6.50 a week. This includes living quarters and meals. Light housekeeping rooms may also be had if desired. The rate ranges from \$5.00 per week up, depending upon the type and number of rooms wanted. This includes free gas, light, linens, dishes, etc.

24. Where will I live while going to school?

Most of our Boarding places are within easy walking distance of the school and in most of them, there are no other roomers, except Coyne students. Also the Y. M. C. A., is very near.

25. Do your students go to church on Sundays?

This, of course, is optional with the student. We do not force anyone to go but we feel if you go to church at home, you will want to go here. There are churches of many denominations right in our neighborhood and our welfare department will see that you get acquainted in the church you care to attend.

26. Do you, Mr. Lewis, personally handle the students' affairs?

No, it would be difficult for me to do this. Every Coyne student knows that Coyne is not a one-man institution. I am proud of the wonderful organization of fine fellows with which I have surrounded myself. There is a man at the head of each department who takes care of the problems which come under his department. Each of my assistants submits reports to me and in this way I can pass on many things each day; which gives me time to think about ways and means to render the greatest personal assistance to my students. Through my departmental heads I keep in touch with the progress of the student body and you will always find the man at the head of any department ready and willing to give you help or advice.

IMPORTANT NOTICE!

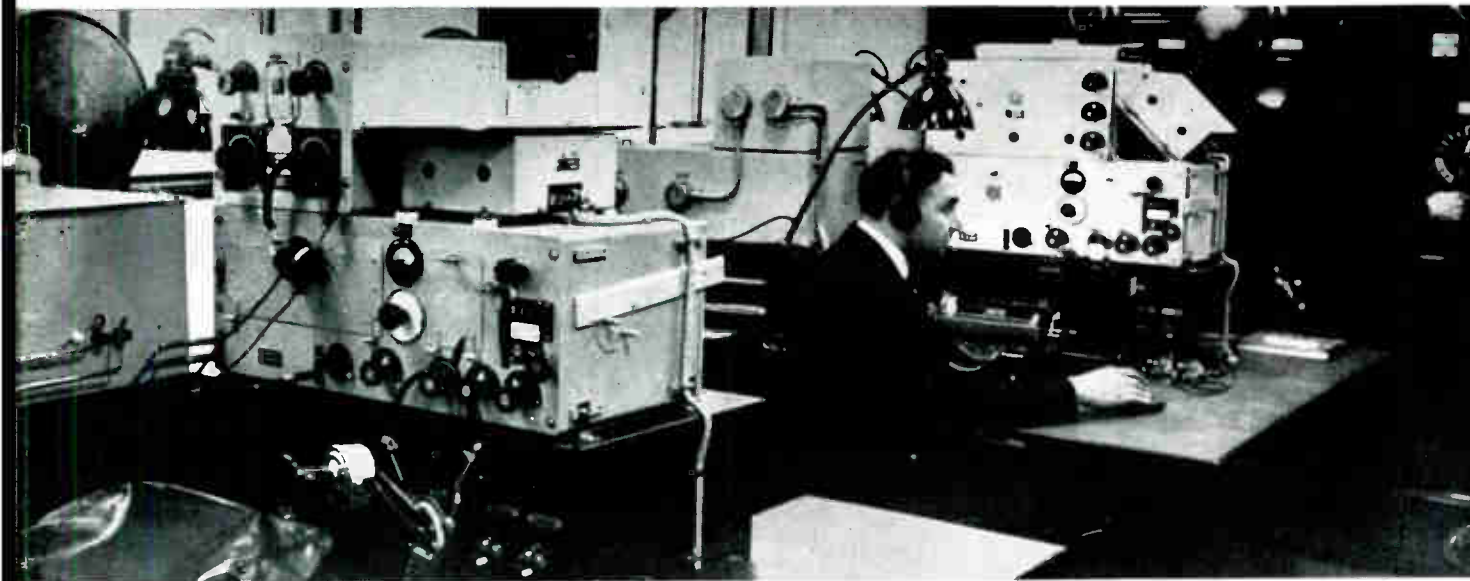
Since this catalog was printed I have found it possible to effect a further saving which I am glad to pass on to my new students.

By referring to question 21 on this page and also the Terms of Tuition on Page 32, you will notice that every new student was formerly required to pay incidental fees of \$19.00 in addition to the regular tuition cost.

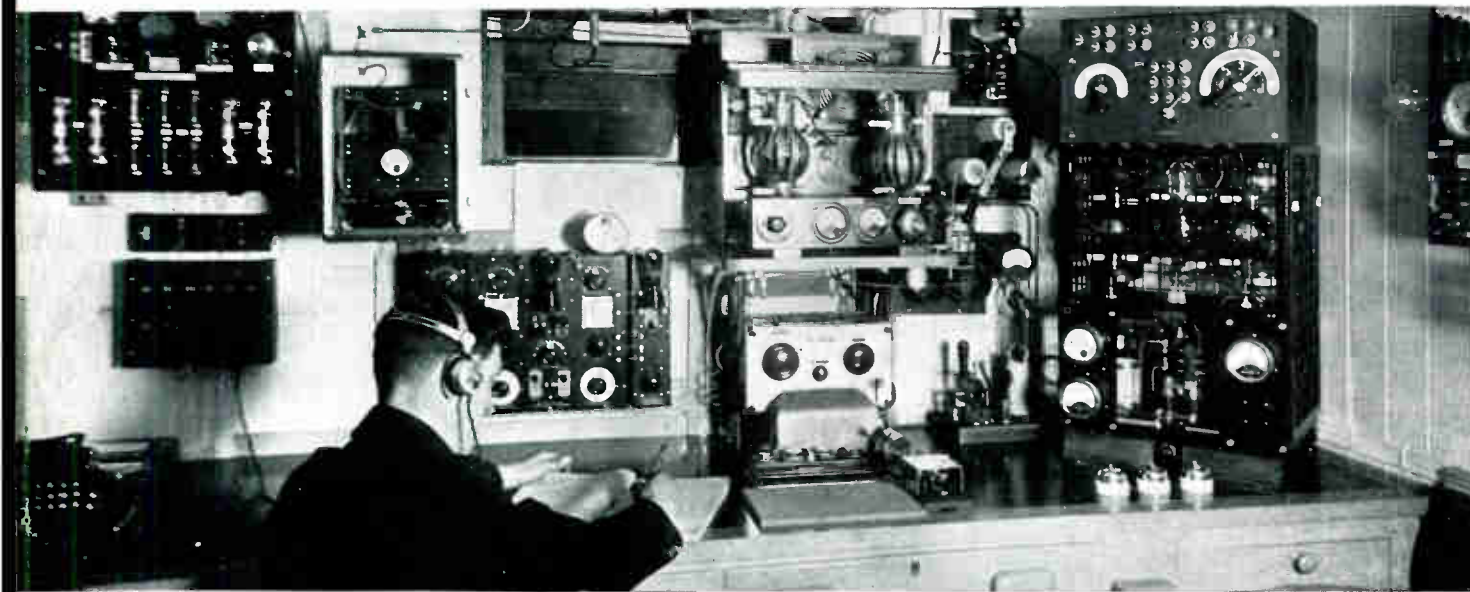
However, until further notice, I am offering to include the beginner's school supplies and the other compulsory services, **AT NO EXTRA COST.**

This means that you pay only **ONE** tuition rate here at Coyne. There are no extra compulsory school expenses outside of your tuition cost. Any other necessary shop expense throughout your entire training course should not exceed \$5.00 and this expense would be optional with you. Any shop prints or reference material you might care to buy would be entirely up to you!

GREAT RADIO OPPORTUNITIES as Operator aboard Ships and Planes



To the left is a photo of the large Radio room of the Europa, sister ship of the record-holding Bremen.

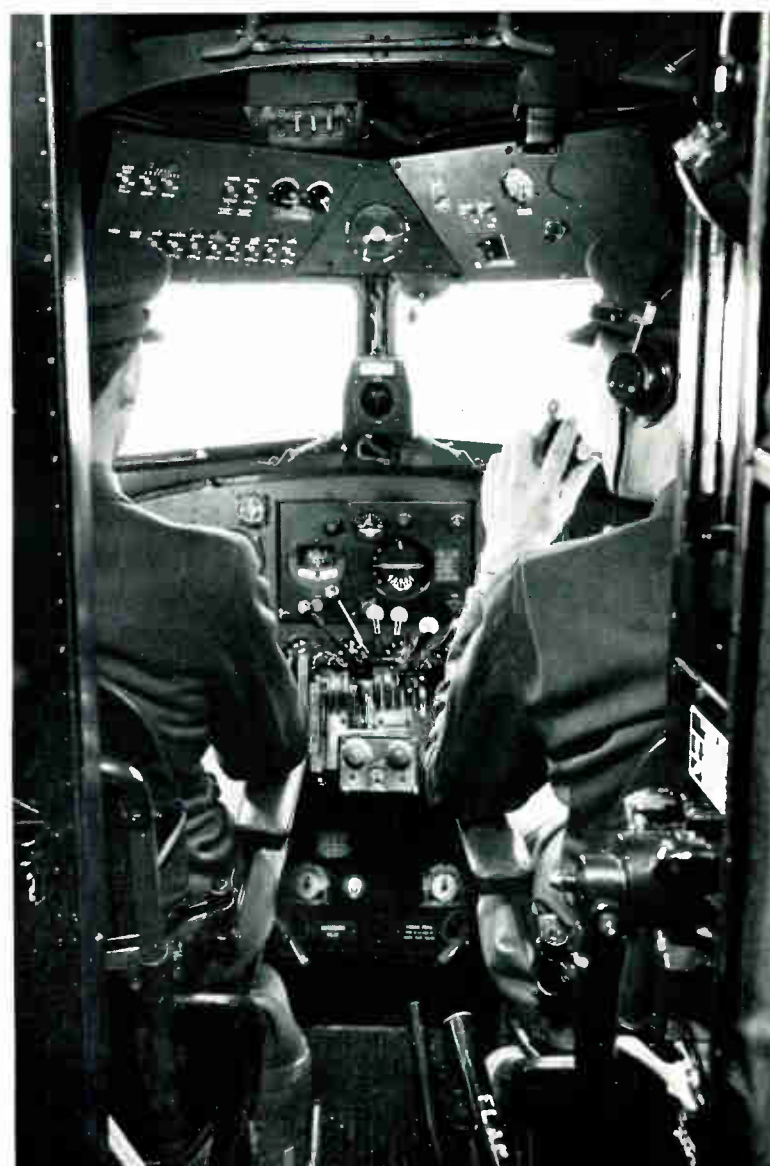


The powerful short wave and long wave transmitting and receiving apparatus on board one of Admiral Byrd's Antarctic exploration ships.



With this Radio set, the operator can get the weather reports and tune in on the stations along his route.

Photo on extreme right: Modern passenger air line equipped with radio transmitters and receivers for plane to ground communications as well as for radio beacon service to guide plane in flight.



There are Many OPPORTUNITIES in the RADIO INDUSTRY....

COYNE GRADUATES ARE EMPLOYED IN MANY BRANCHES OF RADIO

Dealer

"I graduated from COYNE and went in business for myself. At that time there were approximately a dozen service men in this town who 'knew all about radio because they had worked at it for four or five years.' Their bungled up jobs began to come to me to really get repaired and one by one they have all disappeared (those service men) . . . My business is expanding to a point where I need a trained service man. There is only one type of man need ever come in. Need I say he must be a COYNE Graduate."—L. HOBSON, New York.

Sound Equipment

"Before coming to COYNE I lived on a farm. . . . I decided I must get some practical training in one form or another if I were going to succeed in the line of work I intended to follow, namely, Radio and Sound Reproduction. . . . I finally decided to go to COYNE and I can truthfully say that this was the turning point of my life . . . for the past two years I have been holding a very good position as Chief Projectionist in one of the local downtown theatres. . . . I owe the majority of my progress and advancement to the knowledge and practical training I received at COYNE."—M. WAZLAHOWSKY, New York.

Aviation

"I just want to let you know that I have received a position with the American Airlines, Inc., as a Radio Operator. . . . I owe COYNE a lot for the training I received while there."—L. H. SMELTZER, New York.

Broadcast

"I am employed in the Allentown radio station as studio Engineer and I like my work very much. I'm sure that without COYNE Training, I would not have been able to accept and hold the position I now hold."—J. D. SOFSKY, Penn.

Police Radio

"The first big job I had was to train five assistant operators to assist me in maintaining a 24 hour service. . . . I am running 100 W. input . . . working Police stations in Oklahoma. . . . The Chief of Police is highly pleased with the results we are getting and I am going forward with plans for four more portable mobile transmitters for the cars to complete our two-way system. . . . After I had worked the first month, the chief took next to the oldest man in service off the dispatchers job and I am now day dispatcher and day operator. . . ."—L. D. IRVINE, Texas.

Auto Radio

"I now am a specialist on Auto Radio and our company does Auto Radio work for nearly every store in Chicago's loop and many outlying stores besides. . . . I can safely say, I've either installed or serviced every make of Auto radio that has ever been manufactured to date."—M. W. WEIR, III.

Refrigeration

"I am doing service work on refrigerators, air conditioned work—also the buying of Frigidaire parts. I like my work fine and thanks very much for your splendid course and cooperation."—E. ROBINSON, Ark.

Here Are Just a Few of The Many Branches You Should Be Prepared to Enter

WHEN you finish Coyne Training you should be all set and ready for your start in the field. You should have the practical facts about Radio in many of its branches. You will have a right to feel confident—for you are getting into a field with which you should be familiar.

I've shown you how you get this experience in our shops. I've shown how you do the actual work yourself on many types of Radios.

Now let's examine this vast field of Radio. You'll appreciate the wonderful opportunities more and more as you go along, of course, but right here I want to mention a few of the outstanding branches of the Radio Industry you should be prepared to enter.

Radio Service

With over 25,000,000 Radio sets in use in homes today, and the many thousands of auto radios being manufactured and sold, you can readily see what an enormous field there is for well trained Radio service men. New, all wave receivers and improvements in broadcast receivers are developing still another new market for more millions of Radio sets. And they all need frequent servicing by trained men.

Your Own Business—Be Independent

Many Coyne graduates are to-day successfully operating their own Radio service and sales shops, having started with a very small capital investment. Some have commenced in their own homes, and have then grown rapidly when customers found out that Coyne Trained Radio Service men produced far better results.

Auto Radio

With a potential market for 25,000,000 auto Radio sets in this country, this field is hardly scratched at present. These sets are being manufactured and sold by the thousands and this field will provide splendid opportunities for men who have the foresight to get into it now. Coyne training on both Radio and ignition helps prepare our graduates for the many good paying jobs opening up rapidly with Radio shops and garages, everywhere.

Factory Inspection and Testing

Final testing, aligning and inspecting of Radio sets at the factory requires men with thorough training on Radio principles and operation, as well as on modern test equipment. Millions of new sets are being made yearly and Coyne graduates are employed at this interesting work in many of the larger plants.

Telephone Amplifier Man

Telephone companies use thousands of audio amplifiers and elaborate vacuum tube equipment in their central station and employ men with practical Radio training for steady jobs in this line.

Radio Interference

Large power companies employ trained Radio men to locate and correct sources of Radio interference from their lines and equipment, and also to maintain high frequency carrier current telephone and control equipment. This shows the many branches of work in which a trained Radio man can profitably apply his Training.

Public Address Work

This great new field has expanded by leaps and bounds during the past several years. Public address amplifiers are being installed by the thousands in schools, churches, clubs, ball parks, hotels, sound trucks, stores, etc. A number of Coyne graduates have secured splendid jobs in this interesting field and others are now operating a successful business of their own.

Sound and Broadcast

Sound recording offers real opportunities to trained Radio men. The making of records for use with phonographs and in broadcast studios, schools, public auditoriums, etc., is a field which requires a practical knowledge of microphones and vacuum tube amplifiers. Then you have the great broadcasting field with the many stations throughout the country. These studios require the services of trained men to fill positions as announcers, operators, and assistants to install and service their transmitting equipment.

Radio Operating

There are hundreds of broadcast stations in the United States and many foreign countries, each needing from one to several operators, studio and amplifier men. Hundreds of police radio, airport and commercial radio stations, weather bureau and forestry service stations employ and need many more trained Radio operators. Then, ocean going liners and thousands of smaller ships, each requiring from 1 to 6 operators provide thrilling jobs for thousands of trained operators. Coyne training has helped a large number of graduates to pass their U. S. Government Radio Operator's license examinations.

Television

Television is already employing trained Radio men in experimental and research work and it is expected that this new field soon will require many thousands in the manufacture, sales, installation, service and operation of this little known equipment.

Industrial High Frequency Men

Large modern industrial plants and factories require the services of men with practical Radio knowledge to install and maintain photo cell controls, amplifiers, recorders, high frequency induction furnaces, ovens, etc. So you see, there are an unlimited number of profitable branches awaiting the fellow with a practical Training in the remarkable field of Radio and its many profitable branches.

Electric Refrigeration

From a small beginning only a few years ago, this industry has become one of the important industries of our age. No longer is Electric Refrigeration considered a luxury but is now recognized as a prime necessity. From an annual production of 1,000,000 units, less than ten years ago, sales have expanded to a point where today, there are nearly 2,500,000 units sold annually, representing a cash outlay of several hundred million dollars.

Most dealers and distributors of Radios and Radio equipment are today handling electric refrigerators. For this reason, it is especially important for the trained service man to have this valuable instruction in Electric Refrigeration right along with his Radio training. Here at Coyne we give you a combination training which should help to make your services far more valuable to your employer.

Let Me Tell You About GRADUATE SERVICE

COYNE

Part-Time Employment Help Available To You As a Student
Lifetime Employment Help Available To You As a Graduate

NOW, that I have described our course of practical training, I want to tell you briefly how Coyne may be of real service to you, both while you are a student at school and after your training has been completed.

Coyne has a record of over 39 years of steady growth and success. I have always believed that if Coyne was to continue to grow and maintain its reputation, it must be done through our satisfied students and our successful graduates. In short, if you are satisfied, I feel that you will recommend the Coyne school to others and this may bring some of them to our training shops in the future.

Part Time Employment Service for Students

First, I want to point out that Coyne maintains a special department for the sole purpose of assisting students who wish to do part-time work in order to help with their living expenses. This department is in charge of an employment manager who personally handles every student request for employment assistance. This service is available to every student who needs it during the regular training period. Most of the jobs offered to students call for unskilled help and require the services of students for a few hours daily.

Get Your Training First

I have always felt that the fellow who spends a lot of time worrying about getting a job before he gets his training is putting the cart before the horse. Many a man has found out that the important thing is not so much the problem of finding a job, but being able to hold it once you get it. That's the real purpose behind Coyne Training—to help prepare you to hold a job and make a success of your work.

It stands to reason that no employer wants to keep a man who doesn't know his stuff and he isn't going to promote an employee who has failed to demonstrate his ability. So the important problem is to get the right kind of training that will put you in line for a job and then help you to make good in it.

Coyne Gives Graduates Valuable Employment Assistance

For many years I have maintained at considerable expense, a Graduate Department comprised of a group of men who have had many years of experience in placement work. These assistants of mine give each graduate personal help whenever he requests it. Scores of Coyne graduates have been helped directly to find employment through this service. While there is a great deal that I might say to convince you of the value of our employment service, I feel that the many letters in my files afford the best proof of our ability to first of all, give you the practical training you need in order to help you to qualify for a job in the Radio field. Then again it proves our willingness to extend every possible assistance after you graduate, so that you can successfully apply your knowledge in the work for which you have been trained.

Of course, the limited space in this catalog does not allow me to outline every detail of the varied service given by our Graduate Department to help you apply your training after you leave school; but I want to tell you briefly about a few of the principal phases of this service so that you will have a better idea of how the Graduate Department directly helps many of our graduates to locate jobs.

1. Contacts with Many Employers

The Graduate Department keeps in touch frequently with thousands of employers throughout the United States and Canada. These employers are made acquainted with Coyne Training and the qualifications of our graduates. Inquiries received from them are referred to the graduates nearest them. This means that every graduate gets the same service and attention, regardless of his location.

2. Personal Calls by Our Staff

Members of our staff personally contact industrial concerns from time to time and in this way help to locate jobs for graduates. These calls sometimes result in placing several graduates with a single company.

3. Tips From Graduates

Many of our graduates are employed in responsible jobs with industrial concerns. They select men for their own departments or crews. These graduates frequently employ other Coyne graduates. These men also notify us of openings in their own place of employment or nearby plants.

4. Graduate Employers

Many Coyne graduates are in business for themselves. As their business grows, they find it necessary to employ more men. It is natural that they prefer those who have had a training similar to their own.

5. Employment Bulletins

Reports of new projects which are being planned or already under construction, are sent to our graduates frequently. In this way, graduates are directed to the most logical sources of employment.

6. Consultation Service

Promotion through our Consultation Service which affords valuable technical and business advice to Coyne graduates who are at work for some employer.

7. Employers' Service

Promotion for Coyne Graduates through direct consultation service to their employers.

You Will Find Us Ready to Help

I am sure that after reading this short description of the help we are ready to give you while you are a student and then after you graduate, you can't help but be convinced that we will do everything possible to assist you to apply your training. Right here I want to point out that every bit of service we give you is **FREE OF CHARGE** and you will find it available whenever you need it, for the rest of your life. I don't know of another school anywhere who does more for its graduates than we do here at Coyne.

Now, elsewhere on this page you will find a few of the many similar letters received from Coyne graduates, leading employers, and some of the national concerns who have employed Coyne graduates. What they say should give you proof that Coyne training is A **QUICKER WAY TO BETTER PAY.**

Here are a few excerpts from the many similar letters sent to us by graduates and employers.

Part-Time Work Helped These Students

"While attending your school, I secured part-time employment with Mail Order Co. Without this part-time work I don't know what I would have done. This service extended to Coyne Students just goes to prove one of the statements made to me when I first started considering coming to Coyne."—T. ATKINSON, Texas.

"I wish to inform you that I received part-time employment on arriving at school and I certainly appreciated receiving it, as it was necessary for me to work my way through."—C. E. BRADLEY, III.

Employment Service Helped These Students

"I received a position with the Radio & Refrigeration Co., as Chief Radio Service man. I got this job this past Monday and have been with the company a week and they seem to be greatly pleased with my services and believe me they sure do seem to value my training. I wish to thank you . . . for all you have done for me."—O. DOCKENS, Texas.

"I received your letter concerning openings at Thornton and Marion, Indiana. I wrote both these places. . . Co. telephoned me the next day to come down for an interview. I started working Saturday morning. I want to thank you for helping me find the job."—E. HOLLOPETER, Ind.

Employers Praise These Coyne Graduates

"We have reference to your letter concerning two graduates of your institution who are now in our employ. Mr. James Rosso and Kenneth L. Garrett. The services of both of these men have proven satisfactory and we feel that the practical shop training received by Mr. Rosso and Mr. Garrett has helped them in their efficient fulfillment of their duties. Men with practical training in radio are really of great value in our particular type of business. . . ."—A Large Middle-West Distributor.

"Mr. Francis Higgins is employed at this station in the capacity of a Technical Director and his services are of a very satisfactory nature. . . . I would say that judging from his excellent record here that your school is to be congratulated on its excellent training facilities and instructors."—An Indiana Broadcast Station.

Typical Job Leads for Coyne Graduates

"We desire the services of a trained repairman for our local store to cover the repairing of radios, electric refrigerators and washing machines. As many of our stores have hired graduates from your school who have proved very satisfactory, I would be pleased to know if you have anyone you could recommend for our store."—A Leading Mail Order Co.

A Few National Concerns Who Have Employed Coyne Graduates

Radolek Corp.
Operadio Corp.
Frigidaire Corp.
P. R. Mallory Co.
Mills Novelty Co.
Travler Radio Co.
Supreme Inst. Co.
Western Elec. Co.
Norge Corporation
Tripplett Inst. Co.
Allied Radio Corp.
Belmont Radio Co.

United Airlines Co.
Stewart Warner Co.
Zenith Radio Corp.
Collins Radio Corp.
Radio Marine Corp.
Radio Station KOY
Radio Station KTK
Fairbanks Morse Co.
Midwest Radio Corp.
Radio Station KGHZ
Radio Station KVCV
Radio Station WIRE
Motorola Radio Corp.

Sears Roebuck & Co.
Radio Station KDBD
Radio Station KGFV
Radio Station KGKY
Radio Station WDBO
Radio Station WWAE
Welles Auto Radio Corp.
Montgomery Ward & Co.
United Motor Service Co.
Utah Radio Products Corp.
United American Bosch Co.
Firestone Tire & Rubber Co.
(Radio Div.)

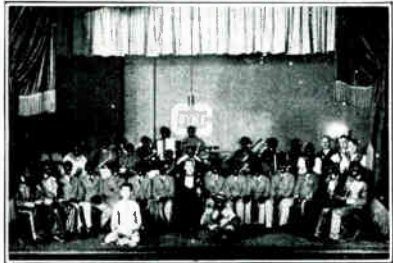
Wells Gardner Radio Corp.
State of W. Va. Police Radio System
State of Illinois Police Radio System
State of Arkansas Police Radio System
Westinghouse Elec. & Mfg. Co.
Philco Radio & Television Corp.
Climax Radio & Television Corp.
General Electric Co. (Radio Div.)
Majestic Radio & Television Corp.

Our Student

WELFARE DEPARTMENT Will Make You Feel at Home



A typical student crowd being entertained by a group of celebrities.



A Minstrel Show staged, produced and acted by Coyne Students.



Coyne Students engage in many forms of athletic activities. Here you have a championship basketball team.



Above: Many social activities help to liven up after-school hours. Below is the Y. M. C. A. located near School.

THE Welfare Department plays an important part in Coyne School life. The minute you arrive you feel that you are among friends. Coming to Coyne from a distant town, you are immediately impressed with the friendly atmosphere of your new surroundings. Parents may feel assured that their sons will have the best of care at all times.

My Welfare Director is one of those fine, kind, warm-hearted men you enjoy meeting and knowing; nothing stiff or formal about him and no problem is too small or trifling to get his attention, no matter how busy he is or what he is doing.

Your Entertainment at COYNE

WHEN I tell you about the numerous entertainment features at Coyne I do not want you to get the impression that this is made too big a part of the work here. We always keep foremost in mind the big fact that the main thing we are all here for, my staff as well as my students, is sincere work. But, just as all work and no play makes Jack a dull boy, I realize the importance of clean wholesome entertainment features, as well as athletic activities.

Very frequently we hold, during a noon recess hour, some form of wholesome entertainment, such as instrumental music, singing, tap dancing, tumbling, magicians' acts or athletic exhibitions. There is never any charge to our students for this entertainment.

Athletics

QUITE often, during the noon hour, we hold an amateur boxing tournament. All contestants are volunteers from the student body. Maybe a lad from Oklahoma takes on a fellow student from Canada, and so on, boys being represented from all parts of the United States and many foreign countries. The bouts usually go one and two rounds and, while always lively and full of humor and interest, are put on in a fine spirit of sportsmanship—never any rough stuff.

Outdoor Sports

THEN, as you know, Chicago is one of the greatest cities in the world for outdoor sports. In the summer, if you like baseball, you can visit either the White Sox Cubs' grounds.

There are swimming and hundreds of other good, clean recreations. In the fall the biggest football teams in the country play here. Then in the winter there is skating in the Parks, Theatres and great athletic contests going on continually. The Sight-seeing Busses, Stockyards, Field Museum and hundreds of other buildings and places of interest afford a fellow hours of good clean recreation without sacrificing any of his school work.

We Help You Locate a Room Near the School

WHEN you arrive at Coyne and complete your enrollment you will meet my Welfare Director who will refer you to your room. Student rooms are located within a short distance from the school in houses that as a rule take no one but Coyne students. Then within five minutes' walking distance from the school is the Y. M. C. A. where many students like to stay.

Room and board can be had for as low as \$6.50 a week. Special low rates are also made for light house-keeping rooms, in the case of married students who wish to bring their wives with them.

If you come with a friend and want to room with him, that too can be arranged. Or if you have friends or relatives in Chicago, with whom you could stay, that will be satisfactory, because Coyne is so convenient to transportation and can be quickly reached from any part of the city.

You will find that every effort has been made to keep you comfortable during your stay with us. You will be surprised that little things you probably would never have thought of yourself have all been planned out and taken care of for you.

In case you happen to feel indisposed at any time, the folks with whom you make your home can notify us at once. Should there be occasion for medical attention, the school physician is available.

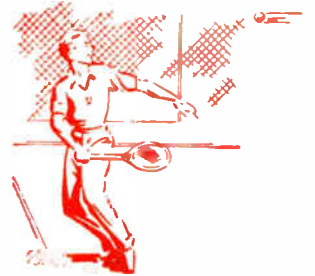
The Y. M. C. A. Right Near COYNE

THE Y. M. C. A. is just a few blocks from the school and our students may join while here at a special price. This also gives them the privilege of rooming there if they so desire. There are numerous events given by the Y. M. C. A. and many athletic activities to interest those who like athletics. This membership affords opportunity for full gymnasium and swimming privileges.

Church Services

NO MATTER what your religion may be or what your denomination, you will find a church of your choice in Chicago and they welcome their members from other towns and cities.

On Sundays, groups of students often attend one of the neighborhood churches, escorted by an instructor. Special classes and discussions are occasionally held for Coyne students and these are strictly non-sectarian. Attendance is purely voluntary—no student has to go unless he wishes to. It's a matter of personal choice.



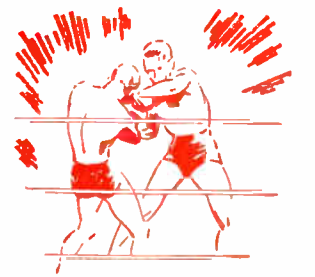
A Letter from a Mother

"Gene reached home safely. Vibrant with plans for the future and rich in memories of his time at COYNE.

I am deeply appreciative of what it has meant and will mean to him, this privilege of mingling with men of great moral worth in his first venture away from home, and I thank you for the kindly interest you have extended to him. All your letters were a comfort to me, but this last one has given me a joy that nothing can dim or take away.

Across the miles, I clasp your hand and wish you all the best in life. May health and happiness be yours as you continue the noble work of inspiring young men and bringing cheer to anxious Mothers."

Sincerely,
LENA CONBOY.



Beautiful CHICAGO

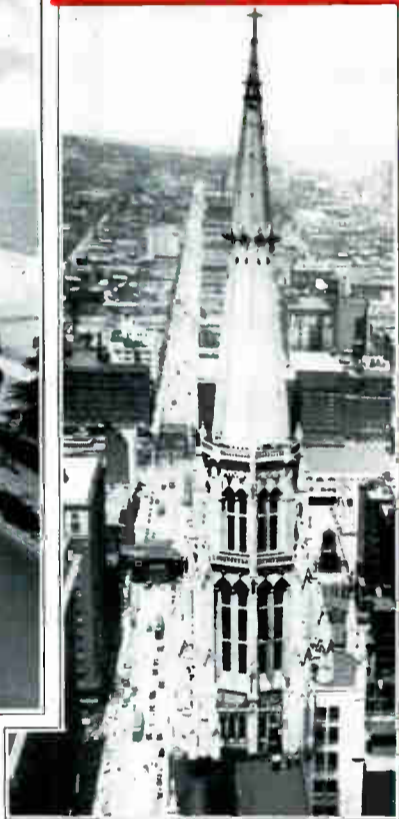
Get Your Practical Shop Training in the WORLD'S WONDER CITY



Above: Ice skating is a popular winter sport in Chicago.



Chicago has nearly 30 miles of bathing beaches fronting beautiful Lake Michigan.



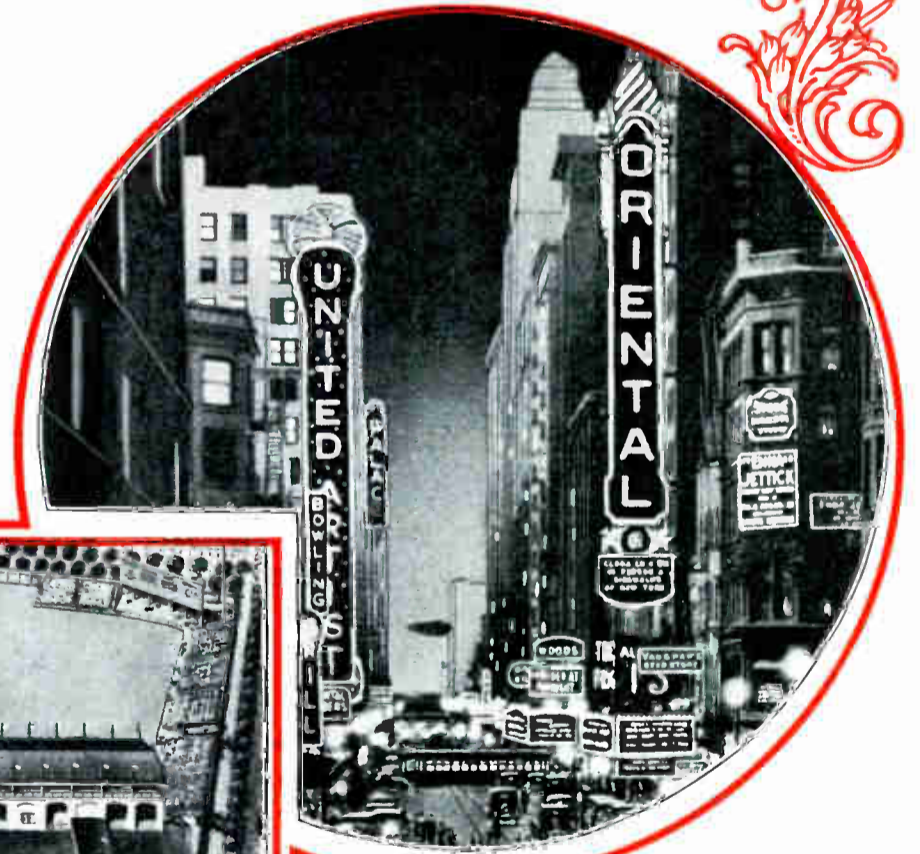
Chicago has many beautiful churches of all denominations.



Above: The million dollar Buckingham Fountain.



Right: Holiday excursion on beautiful Lake Michigan.



Looking down Randolph St.—Chicago's Theatrical Rialto.



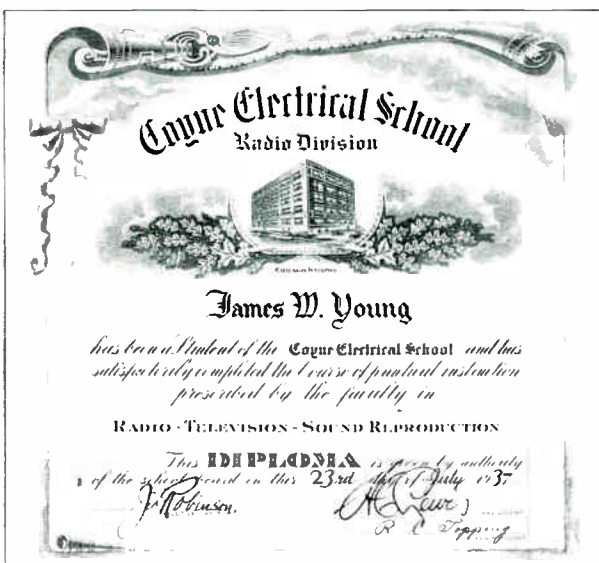
Wrigley Field, Home of Chicago "Cubs"



A typical football crowd at Soldiers' Field Stadium

You May Call on COYNE Anytime For CONSULTATION SERVICE

WE do not feel that our duty to you ends with your graduation. We believe that it is part of our job to give you every reasonable assistance to help you succeed—because, after all, your success is part of our success.



Life Membership

I HAVE already told you about our Graduate Service and how it can help you.

After you leave Coyne, we will continue to keep in touch with you frequently. You may from time to time receive bulletins on the latest Radio developments, latest news on any new equipment that may appear on the market, etc. Also, as a Coyne Graduate you will be entitled to Life Membership Certificate.

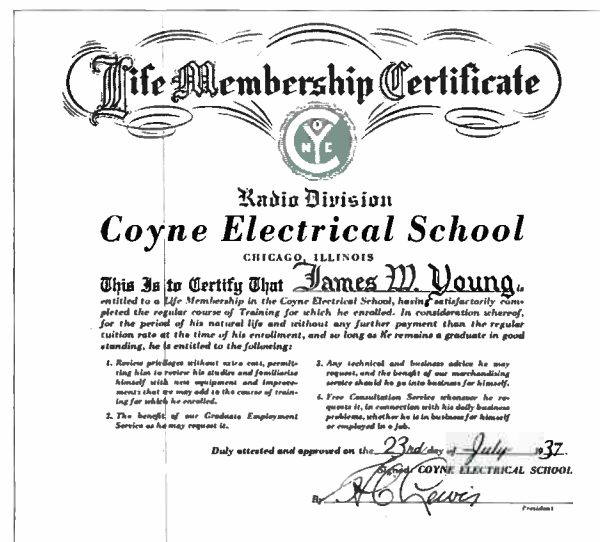
We Want Your Friendship

WHEN you leave this Institution, we want you to feel that you are a part of it. We want you to feel that in Coyne you have a great friend, upon whom you may always rely.

Coyne has been helping to train men for Better Jobs ever since 1899, and we are proud of our thousands of graduates—proud of the success so many of them are making out in the field—and we count them as our good boosters and friends.

We want your friendship and good will. And when you come to Coyne, we're going to do everything in our power to prove our friendship for you. In fact, you'll find that everyone at Coyne, every Departmental Head and every

Instructor, is anxious to do everything in his power to help you. We are all like one big happy family here at Coyne, working together in the common cause of making successful men out of ambitious fellows like yourself.



What To Do When You Arrive in Chicago

WHEN you arrive in Chicago, just walk right out of the depot and you will see several Yellow Cabs. Get into one of them and tell the driver to take you to The Coyne School, 500 South Paulina Street, Chicago.

Our office is open and ready to receive you daily from 7:30 in the morning until 6:00 o'clock at night; on Monday, Wednesday and Friday evenings from 6:00 to 9:00, on Saturday from 7:30 to 4:00 and on Sunday from 9:00 to 4:00.

Should you arrive in Chicago after 4 P. M. on Saturday or Sunday, or after 9 P. M. on any other day, just tell the taxi driver to take you to the Fort Dearborn Hotel. Spend the night there and take a Yellow Cab to the school the next morning.

Don't worry about your accommodations! We'll arrange for your room when you get to the school.

Terms of Tuition

THE enrollment blank shows you the complete tuition charge—and this covers everything, except the \$5.00 Graduation Fee, and \$14.00 for School Supplies. There are absolutely no other compulsory charges of any kind. Any other supplies which a student may pur-

chase, such as blue prints, etc., should not exceed \$5.00 during the entire training period.

The one tuition charge covers all work in all departments of your course, and even includes full review privileges and a Life Membership. Shop tools will be loaned to you in each department without charge.

What Your Living Expenses Will Amount To

IF YOU are like most of the fellows here, you haven't got much money to spare and will want to get by just as reasonably as possible. You can get room and board accommodations as low as \$6.50 a week. The only other necessary expense would be for laundry and this should not run over fifty to seventy-five cents a week.

School Information

EXAMINATIONS — Students are graded largely on shop work, with some credit on notes. Examinations are not designed to "catch" the student, but to test his knowledge. He will be required to pass an examination before leaving each department.

Reports—Reports of students' progress and conduct will be made to parents or guardian twice a month, if requested.

Shop Hours—Since our instruction is individual, a student can enter any school day. The school is in session every day in the year, except Saturdays, Sundays and Holidays. The hours are 8:30 to 4:30, with an hour at noon for lunch.

Clothing—You don't need to dress up. Most of our students wear overalls or an old pair of trousers and work shirt. We don't recommend good clothes for wear in the shops. You can use your Sunday best over the weekends if you want to bring some dress clothes with you.

Care of Students—Students are lodged in clean, comfortable rooms only, which are frequently inspected by the Welfare Director.

Sickness—Absence from class is noted and inquiries made to discover the cause. Students found sick are given the best of care.

Money—We supply students with deposit privileges at the office. Money deposited with the School Cashier may be drawn as needed. In coming to School, don't bring cash or a personal check. Get a cashier's check or traveler's check at your bank; or an Express or Postoffice money order.



I Have Given You The Facts
Now ~ I Am Going to
Put It Up to *You!*

IN the pages of this book I have told you how you can make your start to success.
You want to make more money.
You want the good things in life.
Radio, the opportunity field, offers you all of these advantages if you will prepare for them.

I am sure there can be no doubt in your mind but that one of the best and quickest ways to obtain this training, is by the practical "LEARN-BY-DOING" Methods used at Coyne.

I believe you are convinced that Coyne offers you this type of training.

You are ambitious, of that I am sure.

But, you can be ambitious and still be a failure if you are not a man of action.

It is the man of **Action**, the man who makes a **Decision** and goes through with it, who generally makes a **Success**.

Great men and successful men have been men of action, men who acted when the opportunity came.

Radio is the field of **Opportunity**, Coyne is the key that will open the door to that opportunity.

Use this key—**Decide Today**—There can be no half-way—a man is either a success or a failure. You either step ahead or fall behind.

Coyne Training Can Help You Make The Start To Success

THE decision now rests with you; you can decide to go on as you are.

This may mean nothing to look forward to but low pay, hard work and a bare existence in your old age.

OR

You can decide to enter one of the **World's Greatest Industries** which offers you opportunities for advancement and a brighter future.

I believe I know how you will decide, so I say—**mail your enrollment Today** and make your plans to come just as soon as possible.

The entire staff at Coyne is here to help you to a happy and successful future.

A. C. Lewis.

PRESIDENT.

