

**GET READY FOR A GREAT FUTURE**

**IN RADIO-  
ELECTRONICS**

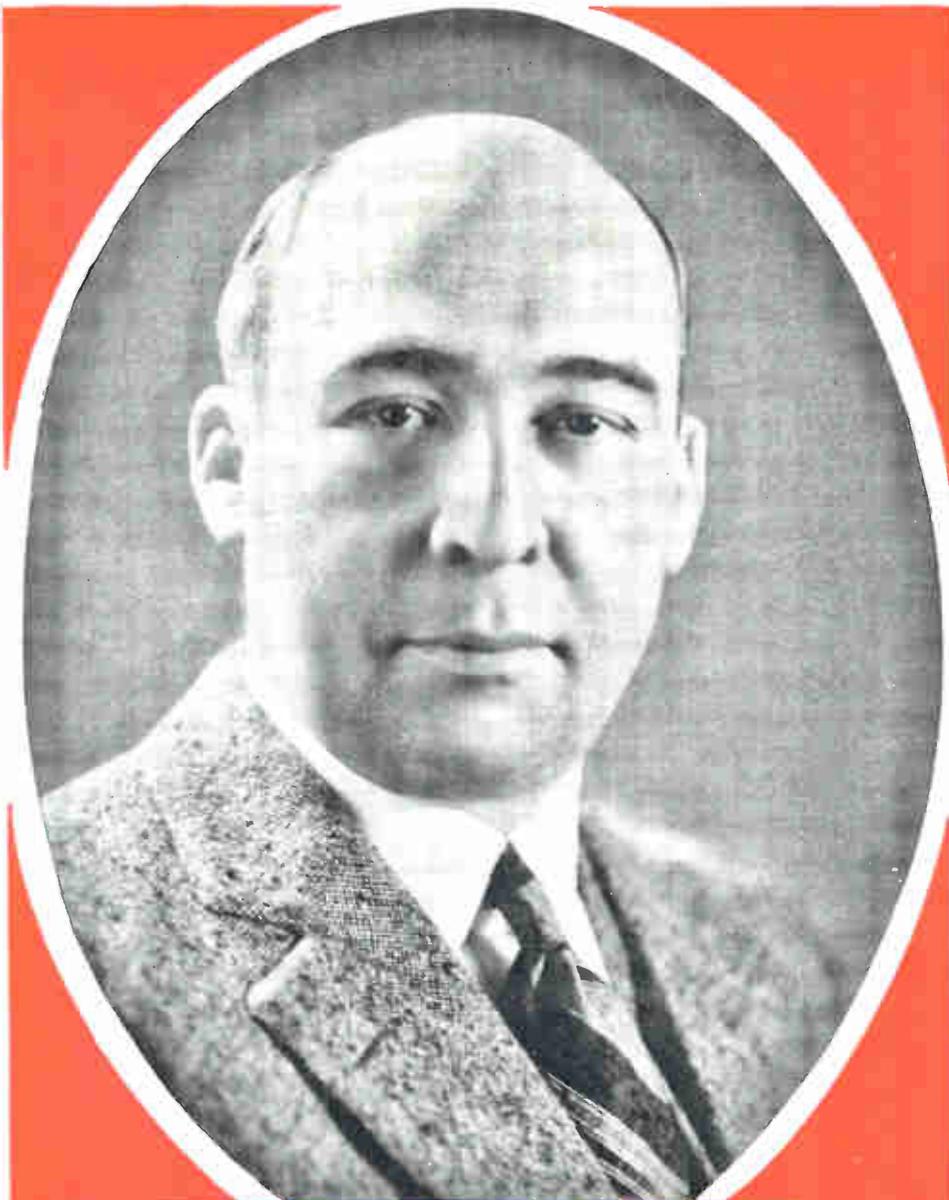
*"Learn by Doing" in the shops of*

*Radio-  
Electronics  
Division*

**COYNE**

**ELECTRICAL  
SCHOOL**

**CHICAGO**



**H. C. Lewis, President**  
Coyne Electrical School

I AM glad to place this book in your hands, for it gives you THE STORY OF COYNE and tells you of the opportunities in THE GREAT RADIO-ELECTRONICS INDUSTRY.

I DO NOT employ salesmen to call on you. I prefer to GIVE YOU THE FACTS MYSELF. I wrote this book myself and the story it tells comes direct from ME to YOU.

As you go through my book I want you to READ IT CAREFULLY PAGE BY PAGE, starting with page one and following through, for in preparing this book I tried to give you the message just as I would if I could come into your home and deliver it personally. So, in order to get the message as I would deliver it if I were at your side, don't skip through it but take it in order starting from page one.

My school was first organized and received its first students AWAY BACK IN 1899, OVER 45 YEARS AGO. It has been in continuous operation ever since. We started training students in Radio very soon after Radio was introduced to the public, back in the early 1920s.

Since then, thousands of students have come to my school and taken my training.

Many of these fellows never had any experience in Radio—others had had experience BUT THEY WERE NOT SATISFIED WITH BEING A HALF WAY RADIO MAN—they wanted to have a general all-around training to equip themselves for the better jobs and opportunities in the Radio-Electronics field.

These fellows, whether they had never had experience or whether they were fellows who had experience working in the field, were the kind of men and young men who were not satisfied to merely "get by."

No, they wanted to better their condition in life—THEY WANTED TO GET AHEAD.

They saw the opportunities in Radio-Electronics for trained men and they CAME TO MY SCHOOL TO PREPARE THEMSELVES FOR THESE OPPORTUNITIES.

Now, the same opportunity—and the same help I offered them to get my training, I want to offer you.

You will find the entire COYNE organization WILLING and ANXIOUS to offer you every help in their power, BOTH AS A STUDENT AND A GRADUATE.

We here at COYNE feel that THE SUCCESS OF OUR GRADUATES IS OUR SUCCESS.

When you come to my school we will do all in our power to guide you and help you to success.

So, now I WANT YOU TO READ MY BOOK. THEN I WANT TO OFFER YOU A WELCOME TO MY SCHOOL.

*H. C. Lewis*  
President.

Below you will see the picture of our MODERN, FIREPROOF BUILDING. We occupy every inch of this building. You will notice our building is not closed in by adjoining buildings and for that reason THERE IS PLENTY OF FRESH AIR AND SUNSHINE. CONDITIONS HAVE BEEN PROVIDED TO MAKE YOUR STAY WITH US A COMFORTABLE ONE, AS WELL AS A PROFITABLE ONE.

Training Men and Young Men

SINCE 1899



If You Enroll Now -  
I'll Include These

# 2 **BIG FEATURES**

*In Addition To My Regular Training*  
at **NO EXTRA TUITION COST!**

## **EXTRA TRAINING IN**

- 1. INDUSTRIAL ELECTRONICS**
- 2. ELECTRIC REFRIGERATION**

*This extra training combined with my regular course leads to many additional opportunities*

# Here's My Amazing Offer To You!

**U**N**TIL** further notice, to all those who enroll now, I make this amazing offer. In addition to my Regular Course of Training, as outlined in my Catalog, I will give you:

**No. 1** EXTRA TRAINING IN INDUSTRIAL ELECTRONICS.

**No. 2** EXTRA TRAINING IN ELECTRIC REFRIGERATION.

To those who enroll while this amazing offer is in effect THERE IS ABSOLUTELY NO EXTRA TUITION CHARGE FOR THIS EXTRA TRAINING.

*This is one of the Biggest Offers I've ever made!*

**H**ERE'S your big opportunity to get training in INDUSTRIAL ELECTRONICS and ELECTRIC REFRIGERATION in addition to the regular training as outlined in my catalog, AT NO EXTRA TUITION COST.

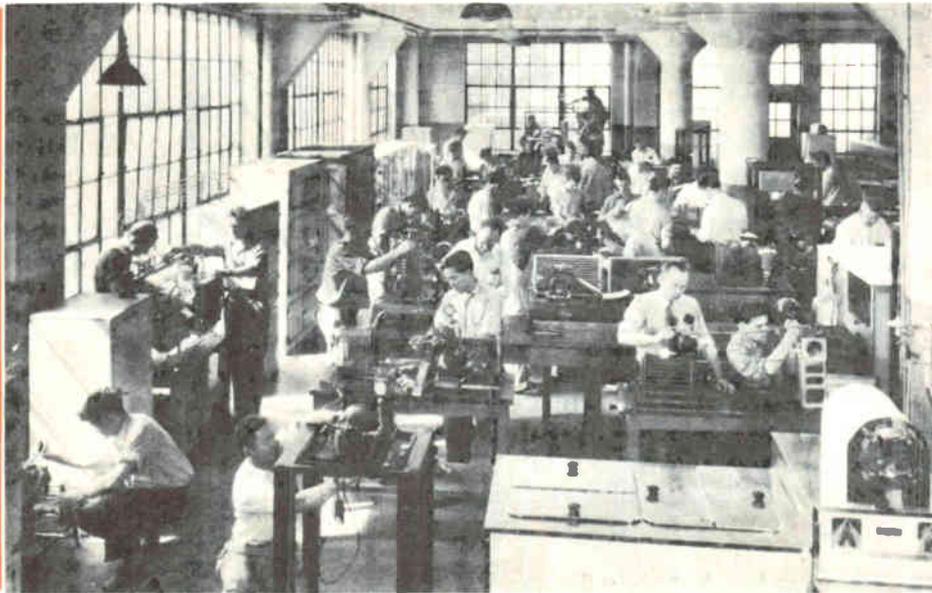
You may take either one or both of these extra Departments and you can take this extra training AS SOON AS YOU COMPLETE YOUR REGULAR COURSE OR YOU CAN COME BACK LATER ON AND TAKE IT. Of course, if you want to take this extra training you should plan on spending extra time in school. If you take the extra training in Industrial Electronics you should PLAN TO STAY AN EXTRA THREE WEEKS and if you take the extra training in Electric Refrigeration you should plan on STAYING AN EXTRA THREE WEEKS. IF YOU TAKE THE EXTRA TRAINING IN BOTH INDUSTRIAL ELECTRONICS AND ELECTRIC REFRIGERATION, YOU SHOULD PLAN ON STAYING AN EXTRA SIX WEEKS, IN ADDITION TO THE 12 WEEKS REQUIRED FOR THE REGULAR COURSE OR A TOTAL OF 18 WEEKS ALL TOGETHER.

Now, I want to make clear that YOU NEED NOT TAKE THIS EXTRA TRAINING UNLESS YOU WANT TO. It is entirely up to you whether or not you want to take it. IT IS NOT REQUIRED that you take it to graduate. But, if you enroll while this offer is yet in effect, you can get the advantage of this EXTRA TRAINING at absolutely NO EXTRA TUITION CHARGE AND YOU CAN TAKE IT AS SOON AS YOU COMPLETE YOUR REGULAR COURSE OR YOU CAN COME BACK LATER AND TAKE IT.

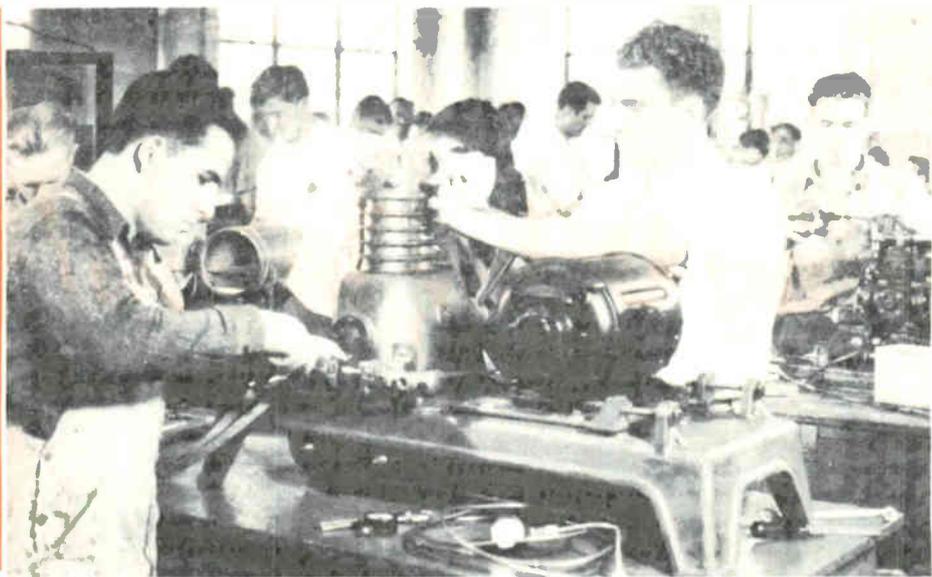
Increased costs of equipment, supplies and other school expenses may compel me to discontinue this offer at any time, except to those who have reserved the offer by sending in their Advance Enrollment. They will be sure to get this combination training at no extra tuition cost when they come to school.

**READ THE DETAILS OF THIS EXTRA TRAINING AND  
SEE THE SHOP PICTURES INSIDE** 

# The Pictures On This Page Show Students Getting "Learn-By-Doing" Training On Actual Equipment In My **ELECTRIC REFRIGERATION** **DEPARTMENT**



Here is a view of part of the Refrigeration Department. Instructors give personal assistance to students on these shop jobs. This type of training helps students acquire confidence and ability on a job out in the field.



The above photo shows Coyne students assembling and checking a Compressor for an Ice Cream Machine. Refrigeration is becoming more and more important industrially and offers increasing opportunities to trained men.



Here you see COYNE Students getting "Learn-By-Doing" training on many types of Refrigerator units. The orderly arrangement of work benches provides plenty of shop space.

*I want to give you a brief outline of  
my training in  
**ELECTRIC REFRIGERATION***

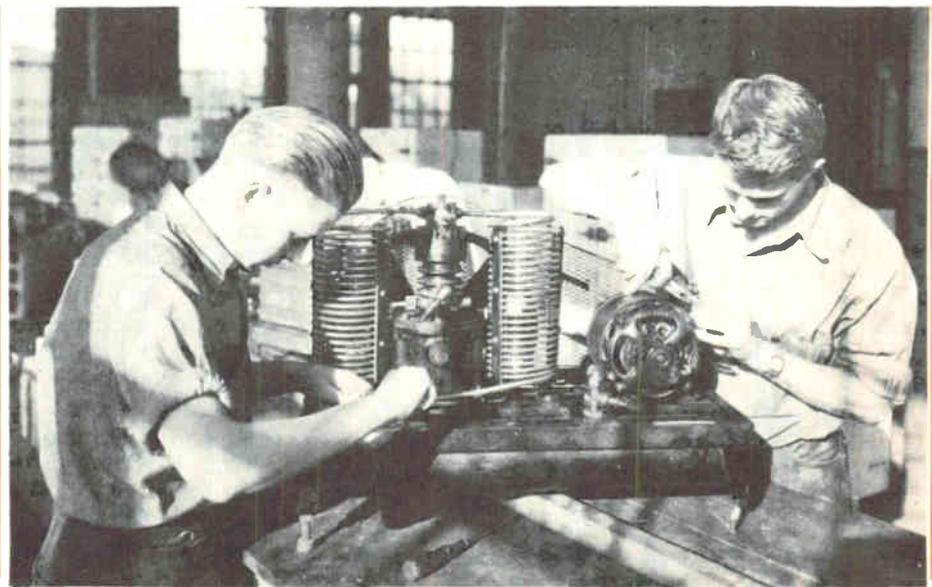
**E**LECTRIC REFRIGERATION is a great industry in itself and offers many additional opportunities to fellows with training in this field in addition to my regular training. **THE TRAINING YOU HAVE HAD IN THE REGULAR COURSE WILL HAVE PREPARED YOU FOR THE WORK IN THIS DEPARTMENT.** For instance, a knowledge of the principles of Electricity, wiring, controls and switches is essential, and you will have had training on such equipment in the first department of my regular course. This, of course, saves time and enables you to cover the training in this department much faster.

Here you get training in the operation, care and repair of many types of interesting Refrigeration and Air Conditioning units under the personal supervision of an experienced instructor who shows you step by step how to do the work on well-known units of different types. You will learn about refrigerant liquids, about reciprocating and rotary compressors, dry and flooded type evaporators, expansion valves, thermostatic switches, etc.

You also get practical shop work on tube flaring and connections, vacuum and pressure tests and gauges. Overhaul and repair of compressors, controls, valves, motors, seals, thermostats, etc. Assembly, disassembly and test of various household and commercial units.

You learn about common Refrigerator troubles and their symptoms. High and low side pressures, condenser temperature, condenser air circulation, stiff compressors operation, low oil, low refrigerant, defects in motors, fuses, control valves; air in system, clogged strainers, moisture in system, dryers, purging, charging. Service tests and service methods and equipment. Multiple installations. Installation methods, trouble shooting and repair. You will be taught modern methods of servicing and testing of Electric Refrigeration units.

**THIS EXTRA TRAINING IN ELECTRIC REFRIGERATION COMBINED WITH MY REGULAR COURSE SHOULD OPEN UP MANY ADDITIONAL OPPORTUNITIES TO COYNE GRADUATES FOR GOOD JOBS OR OPENING UP A BUSINESS OF THEIR OWN.**



This picture, taken in our Electric Refrigeration Department, shows Coyne students carrying out the series of operations involved in the overhaul on a compressor and motor combination unit.

# Here You See Students Working On Some of the Many Different Types of Electronic Equipment In My **INDUSTRIAL ELECTRONICS DEPARTMENT**

## And Here's a Brief Outline of My Training in **INDUSTRIAL ELECTRONICS**

**I**NDUSTRIAL ELECTRONICS is becoming more and more important and many industries are employing various Electronic Tubes and devices for countless operations. Trained men with a knowledge of Industrial Electronics will be needed for installation, service and maintenance of this equipment. **WHEN YOU COMPLETE YOUR REGULAR COURSE YOU WILL BE QUALIFIED TO ENTER THIS DEPARTMENT.** Here you get an explanation of the application of vacuum and gaseous type tubes to the testing, sorting, comparing, counting, processing, rectifying, alarm, protecting and control problems encountered in industry.

You learn about electron tubes and their functions. Basic operating principles of electronic tubes of the various types. Discussion of the varied constructional features that adapt tubes to different applications. Testing of high vacuum and gaseous type industrial tubes to determine their characteristics and their suitability for certain control applications.

You get instruction on vacuum tubes, gas filled tubes, thyratron tubes and ignitron tubes.

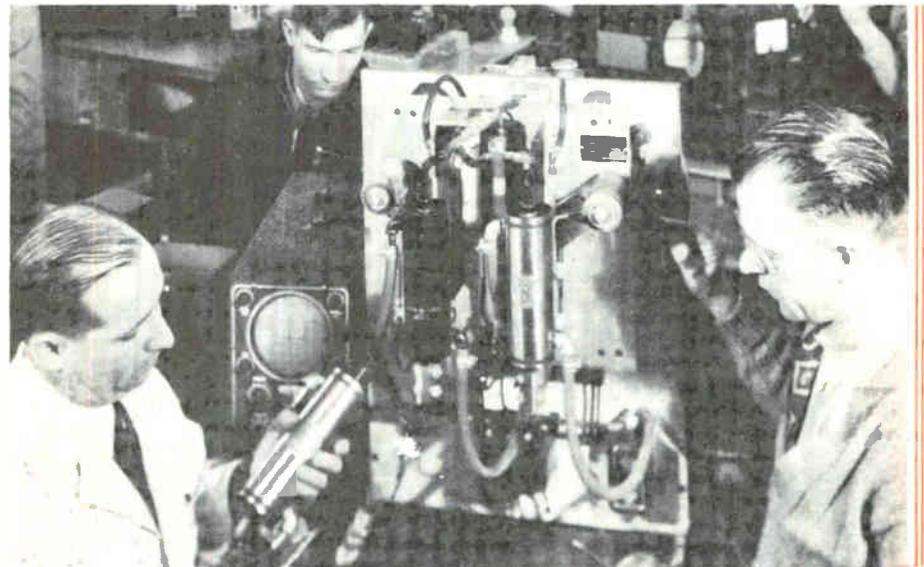
You learn about timing circuits and time delay by electronic means. Types of time delay devices, electronic trigger circuits. Function of the resistor and condenser combination in effecting time delay. Phase shifting circuits and their applications to timing and control. Testing and adjusting of time delay units.

Then you are given instructions on photocells and photocell controls. Construction and operating principles of vacuum and gaseous type photocells. Study of the characteristic and application of different types of photocells. Application of photocell controls to alarm systems, electronic counting devices, door openers, labelling machines, sorters, smoke detectors and various control and processing operations. Testing and repairing Electronic equipment.

**THIS EXTRA TRAINING IN INDUSTRIAL ELECTRONICS TOGETHER WITH MY REGULAR COURSE GIVES YOU A COMBINATION TRAINING TO PREPARE YOU FOR MANY ADDITIONAL OPPORTUNITIES IN THIS GREAT NEW FIELD.**



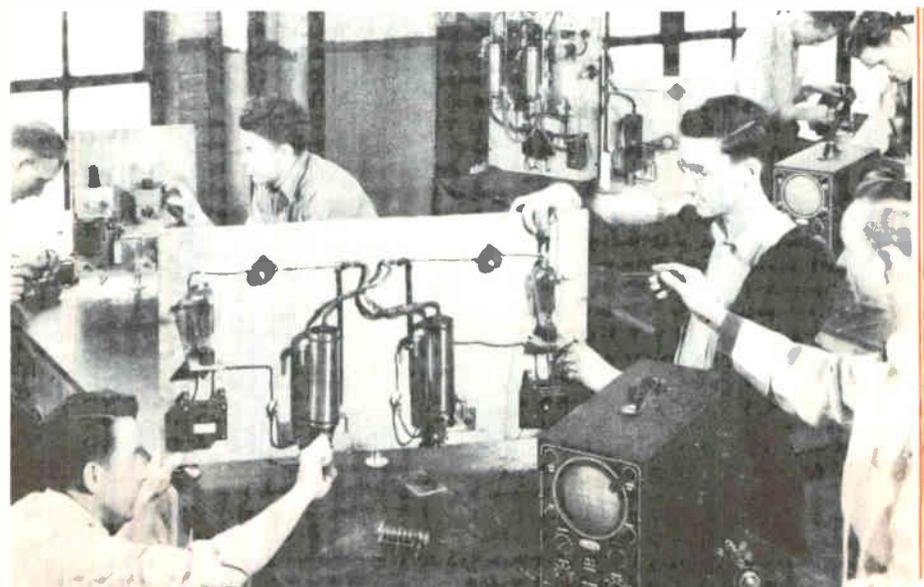
The application of Electronic Controls and Timing devices are becoming more and more important industrially. This photo shows COYNE students working with Photo Electric Cell units and other control apparatus.



The "IGNITRON TUBE" has proved invaluable for use in Electronic Switches, Welding Controls and various other applications. The above photo shows an Instructor explaining the operation of this Electronic Tube.



Here you see an Instructor giving students in our Industrial Electronics Department special instruction in checking the characteristics of high vacuum type tubes, using a specially constructed testing unit.



This photo shows an Instructor explaining the operation of Thyratron Tubes. Personalized instruction and practical "LEARN-BY-DOING" training will help you make rapid progress in Industrial Electronics here in my shops.



# Why I offer you this **EXTRA TRAINING**

*I am convinced that fellows who get training in Industrial Electronics and Electrical Refrigeration in addition to my regular training should have many additional opportunities open to them*

**O**NE important part of my job as President of the COYNE ELECTRICAL SCHOOL is to keep in constant touch with developments in the field that will open up greater opportunities for my Graduates.

IT HAS ALWAYS BEEN MY POLICY TO ADD TO MY COURSE ANY SUBJECT OR TRAINING THAT I FEEL WILL BE OF BENEFIT TO MY GRADUATES AND ENABLE THEM TO HAVE THE GREATEST OPPORTUNITIES FOR GOOD JOBS AND ADVANCEMENT.

ELECTRONIC TUBES are performing many vital duties for industry—doing things quicker, better and more economically—creating countless jobs for trained men.

ELECTRIC REFRIGERATION has had a tremendous growth since being introduced to the public several years ago. Yet this is really only the beginning and the enormous possibilities still existing in this great field will take years to develop and will continue to offer countless opportunities.

*Both of these allied fields will require many trained men and I firmly believe that fellows who have training in either or both of these fields in addition to my regular course will have many additional opportunities for a good job and a real future.*

BECAUSE I WANT YOU TO GET THE BEST POSSIBLE PRACTICAL TRAINING AND PREPARE FOR THE GREATEST NUMBER OF REAL OPPORTUNITIES I AM INCLUDING THIS VALUABLE EXTRA TRAINING IN INDUSTRIAL ELECTRONICS AND ELECTRIC REFRIGERATION AT NO EXTRA TUITION COST.

**M**Y AMAZING OFFER MAKES IT POSSIBLE TO GET MY REGULAR TRAINING FIRST AND THEN IN ADDITION GET TRAINING IN THE GREAT NEW FIELD OF INDUSTRIAL ELECTRONICS AT NO EXTRA TUITION COST AND ALSO TRAINING IN ELECTRIC REFRIGERATION AT NO EXTRA TUITION COST. THIS EXTRA TRAINING IS OPTIONAL AND IS NOT REQUIRED FOR GRADUATION FROM MY REGULAR COURSE SO IT IS ENTIRELY UP TO THE STUDENT IF HE WANTS TO TAKE IT.

HOWEVER, ANY STUDENT WHO ENROLLS WHILE THIS OFFER IS IN EFFECT MAY TAKE THIS TRAINING IMMEDIATELY AFTER COMPLETING THE REGULAR COURSE OR HE CAN COME BACK LATER AND TAKE IT.

THIS OFFER MAY BE WITHDRAWN AT ANY TIME, EXCEPT TO THOSE WHO HAVE RESERVED IT, SO BE SURE TO TAKE ADVANTAGE OF THIS BIG OFFER WHILE YOU CAN GET IT. ENROLL NOW AND YOU'LL BE SURE TO GET THE ADVANTAGE OF THIS COMBINATION TRAINING OFFER AT NO EXTRA TUITION COST.

## ANSWERING YOUR QUESTIONS

**H**ERE are my answers to what may be your questions about my extra training offer. I have tried 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 this COMBINATION TRAINING OFFER.

1. Just what is included in your COMBINATION TRAINING OFFER?

**ANSWER**—This COMBINATION TRAINING OFFER includes my regular course of training as outlined in my book . . . PLUS extra training in INDUSTRIAL ELECTRONICS AND extra training in ELECTRIC REFRIGERATION, to those who wish to take it, at no extra tuition cost.

2. What do you mean when you say, "NO EXTRA TUITION COST?"

**ANSWER**—I mean just that. If you enroll while this offer is in effect, you will not have to pay one penny extra for this extra training. You pay only the regular tuition as outlined on my Enrollment Blank, and the extra training is yours at no extra tuition cost.

3. Do I have to take this extra training in order to graduate?

**ANSWER**—No! You need not take this extra training in order to graduate but you are free to take this extra training after you graduate at no extra tuition cost, if you enroll while this offer is in effect.

4. Can I take the training in one of these extra Departments without taking the other?

**ANSWER**—Yes! You can take whichever one you prefer OR you can take them both. For example, you might want to take the extra training in Industrial Electronics and not the training in Electric Refrigeration. If so you could do so. On the other hand, if you wanted the extra training in Electric Refrigeration and did not want to take the training in Industrial Electronics, you could do that. And, as I have said, if you wanted to take the extra training in both of these Depart-

ments, you could do so at no extra tuition cost, as long as you enroll while this offer is in effect.

5. If I take this extra training, how much extra time should I spend at Coyne?

**ANSWER**—If you plan on taking the extra training in either the Industrial Electronics Department or the Electric Refrigeration Department, you should plan on an extra 3 weeks in my Shops. If you want to take both Departments, you should make plans to spend an extra 6 weeks' time in my shops.

6. Can I leave school after completing the regular Course, and then come back later to get this extra training?

**ANSWER**—Yes! That is what many Coyne students are doing. They complete the regular Course and later on at their own convenience they come back to Coyne for this extra training.

7. If I take one of the extra Departments as soon as I complete the regular course, could I then come back later and take the other extra Department?

**ANSWER**—Yes! If you took one of the extra Departments as soon as you completed the regular course, then left school, you could come back at your own convenience and take the other Department.

8. How long will this offer last?

**ANSWER**—Increased costs of shop material and other school supplies may compel me to withdraw this offer at any time, so I reserve the right to withdraw it at any time, except to those fellows who reserve the offer by sending in their Advance Enrollment. They will be sure of getting this combination training no matter when they come to school.

H. C. LEWIS, PRESIDENT

# COYNE ELECTRICAL SCHOOL

500 South Paulina Street • • • Chicago 12, Illinois

# WHAT YOU WILL WANT TO KNOW ABOUT COYNE

**B**EFORE you go through the pages showing my shops, I am going to ask you to read this page very carefully. It tells you many things about COYNE and brings out how important these things can be to your future.

COYNE was established in 1899, and has been in operation ever since. This means that for over 45 years men and young men have been trained at COYNE by the famous COYNE "LEARN-BY-DOING" METHOD.

The many successful Graduates who have taken responsible positions in industry, as a result of COYNE training, are living proof of the efficiency of COYNE'S "LEARN-BY-DOING" TRAINING METHODS.

Very soon after Radio was first introduced to the public, COYNE applied this training method to Radio. Coyne was a pioneer in the Radio Training Field and for over 20 years has been preparing men and young men for the opportunities this great field has to offer the trained man.

Then, when the war came COYNE was one of the first schools called upon to train soldiers for the Army, and MANY THOUSANDS OF SOLDIERS WERE TRAINED FOR THE VARIOUS BRANCHES OF OUR ARMY.

During this time thousands of dollars worth of modern, up-to-the-minute Radio-Electronics equipment was added to our course of training. Coyne has always kept pace with the industry and when I believe that new developments have practical applications, we add them to our training.

## "Learn-By-Doing" Method Saves Time

**I**HAVE always believed a fellow can learn a thing much quicker and better if he can actually see and operate it himself.

Now, let me illustrate just what I mean. Suppose you had a complicated piece of apparatus, such as a Radio Receiver or an Electronic device, and it failed to operate, and you knew nothing about this equipment.

Well, you could read a book that might tell you all about the parts, but would you, from this book, be able to take this equipment apart and put it together again? The best this book could do would be to give you a description and then you would have to do the work yourself before you would understand it.

In other words, even with the book, you would, after all, have to get the experience you would need to take the equipment apart and put it together again by actually doing the work yourself.

Here at COYNE you get practical "Learn-By-Doing" training . . . and . . . you get practical talks and demonstrations to help you become familiar with your practical work.

## You Are Told — You Are Shown and You Work On Actual Equipment Yourself

**T**HE instructors at COYNE have been selected because of their knowledge of the field and their knowledge of teaching. They are practical men who know what is required of a fellow who enters the Field of Radio-Electronics.

We know that a fellow wants a training for one reason . . . to get a job . . . a job that has a real future.

We know, too, that a fellow isn't interested in a lot of useless theory that is not needed in the work he is going to do.

That is why our training eliminates a lot of wasted time and gets down to actual facts.

We built our course and designed our training methods around the idea that a fellow who wants a training doesn't want a lot of frills, but wants a course of training that can fit him as quickly as possible for a place in the industry for which he trains.

Here at COYNE, our purpose is to give you such a training and give it to you in a way that you can grasp and remember.

They say a picture is worth a thousand words. If this is true, then doing the actual thing is worth even more.

That is why we follow the "LEARN-BY-DOING" METHOD.

As an example, the instructor tells you about a certain job or piece of Radio-Electronics equipment in a department—he also takes you to certain jobs and demonstrates them to you—then you yourself work on actual equipment.

I'm sure you must admit this three-way method of training—by eye, ear and hand—is the modern and most efficient way to get your training—you SEE the work done—you HEAR it explained by the instructor—you DO work on actual equipment yourself.

## Coyne Training Is Job Training—You Advance Step-By-Step

**H**ERE at COYNE we follow a progressive, step-by-step job method of training. By this I mean that the practical work in each Department is divided up into a series of jobs that each student works out step-by-step, on the actual equipment and apparatus. Each job is a little more advanced than the one you did before.

In this way, YOU ADVANCE STEP-BY-STEP from one interesting job to another—each job serving as a stepping stone to more advanced work. FOR EXAMPLE, the work you do on RADIO RECEIVERS and test equipment in our SERVICE DEPARTMENT PREPARES YOU FOR THE OTHER WORK THAT COMES LATER IN YOUR COURSE, so that when you get to SOUND, TELEVISION, ELECTRONICS, etc., YOU ARE

FAMILIAR WITH THE WIRING PRINCIPLES ON ALL THE MORE ADVANCED WORK.

## You Take Your Time Here at Coyne

**I**F YOU require additional time on any subject you are allowed to go back over it and if you need more than the required 12 weeks time in which to finish your training you can take extra time if you wish. There is no extra tuition charge for this privilege.

Naturally, some students advance faster than others. Then too, many of our students have had no previous experience while MANY OTHERS HAVE HAD PREVIOUS EXPERIENCE—in fact they may have been working in some branch of Radio, but their knowledge of the field is very limited and they LACK THE ALL-AROUND TRAINING for success.

Now, PREVIOUS EXPERIENCE IN RADIO IS NOT NECESSARY to master COYNE training. We start you right in with the simple rules, laws and principles of Radio. Your first practical jobs are wiring of simple equipment and working out simple circuits, with the instructor's help.

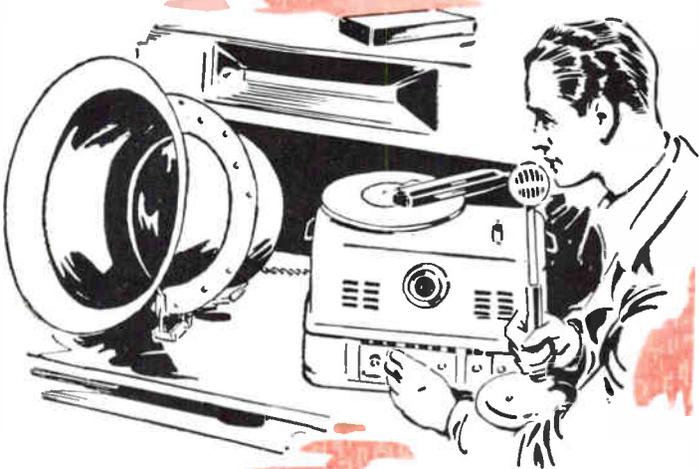
*Of course, the students who have had experience do not need to do the work they are familiar with, if they can prove they know it and can pass the examinations on the particular branch they might know.*

As a student advances he learns the "why" and "wherefore" of each piece of Radio equipment. He is shown the location of parts, the instructor explains their function, he sees the part in actual operation, and he wires up, operates, or repairs actual equipment and apparatus himself. These same "LEARN-BY-DOING" methods of training are applied to the more advanced work in Television, Sound, Public Address and advanced Electronics.

We make every effort to duplicate the actual work you may do later on in some job in the field. Some COYNE GRADUATES have told us that when they left COYNE and went to work, it was like stepping from one job to another, because the work they had in school was so much like that out on the job.

I believe Radio-Electronics, in its different branches, offers a fellow many opportunities today. And I believe the future is even more promising. Other fields may offer opportunities for a while, then something comes along that takes their place; then these things pass out. But, I feel that the fellow who gets an up-to-date, all-around practical Radio-Electronics Training now, can look forward to a real future in the years ahead as this already great industry grows and expands.

NOW READ THE NEXT TWO PAGES—THEY TELL YOU OF SOME OF THE OPPORTUNITIES IN RADIO-ELECTRONICS.



# RADIO-

## The OPPOR

### Coyne "Learn by Doing" Training

#### Radio Is a Growing Field

**I**T IS hardly necessary to tell you of the opportunities in the great field of RADIO. RADIO was making tremendous strides before the war and as a result of the war—hundreds of new developments have come along in RADIO-ELECTRONICS.

Many more are now in the development stage and will be fully developed in the days ahead.

The war developments and applications of RADIO-ELECTRONICS, which includes RADIO, FREQUENCY MODULATION, SOUND, TELEVISION, and other Electronic Devices, are nothing short of miraculous and the part RADIO-ELECTRONICS has played in the advancement of industry and standards of living in our Nation is equally important. YET THE GREATEST DEVELOPMENTS IN THIS FIELD LIE AHEAD.

*Then surely no one can question that this great field offers unlimited opportunities for the men who are properly trained for this field—the opportunity for a fine job today and a wonderful future—a future that can bring you all the good things in life you ever dreamed of.*

On this page I want to bring out some of the many branches in RADIO-ELECTRONICS—BUT AT THE SAME TIME I WANT TO IMPRESS UPON YOU THAT NO MATTER WHAT BRANCH YOU SELECT YOU NEED AN ALL-AROUND RADIO-ELECTRONICS TRAINING—FOR EACH BRANCH DOVE-TAILS INTO ALL THE OTHER BRANCHES.

#### Good Pay, Interesting Work, and a Real Future in Radio-Electronics

**I**N RADIO-ELECTRONICS you will find not only opportunities but interesting and fascinating work as well—a field full of romance and interesting features. What field can offer you such a future and still offer you work you'll love and find more interesting every day.

*Radio-Electronics is a fascinating field of opportunity that offers interesting, well paid jobs with a real future.*

There are opportunities in Airplane, Auto and Marine work—Sound and Public Address Systems—Television and Frequency Modulation—Installation and Maintenance of Electronic equipment for industrial and commercial needs—Servicing and Merchandising—with Power Companies as specialists in Radio interference, location and elimination—specialists on Electronic controls—THESE ARE ONLY A FEW OF THE MANY BRANCHES YOU CAN ENTER, IF YOU HAVE AN ALL-AROUND PRACTICAL TRAINING IN RADIO-ELECTRONICS.

#### Radio Servicing Offers Many Opportunities to Trained Men

**N**EW applications of RADIO-ELECTRONICS in the branches of Regular Wave Radio, Frequency Modulation, Television, Sound and Public Address have enormously expanded the field of opportunities for the trained RADIO-ELECTRONICS MAN.

The millions of RADIO SETS and AUTO RADIOS now in use in this country require service and overhaul to keep them in good operating condition. There are many hundreds of manufacturers who need trained men to install and service the many various RADIO-ELECTRONIC devices and thousands of Radio Dealers and Stores employ many thousands of trained Radio-Electronics men.

NATURALLY, MEN WHO ARE TRAINED IN MODERN SERVICE METHODS ON UP-TO-DATE EQUIPMENT ARE THE ONES NEEDED FOR THIS WORK.

#### Wholesale and Retail Radio Sales and Servicing

**T**HOUSANDS of Wholesale and Retail Radio Dealers, Radio Servicing Stores and Garages employ trained RADIO-ELECTRONICS men for Sales, Installation, Servicing, Repair and Maintenance. Dealers also employ Retail Buyers, Service Managers and Store Managers. Newer developments in Frequency Modulation and Television equipment should mean a great increase of opportunities in this field.

#### Radio Manufacturing Offers Excellent Opportunities

**T**HERE are many hundreds of Manufacturers producing Radio Receiving sets, other Radio parts and equipment and new Electronic devices. Many and various opportunities await the trained man in the manufacturing end of RADIO-ELECTRONICS.

THESE JOBS CALL FOR TRAINED MEN WHO HAVE AN UP-TO-DATE KNOWLEDGE OF RADIO-ELECTRONICS EQUIPMENT.

#### Auto, Airplane and Marine Radio

**M**ANY millions of the automobiles in this country are already equipped with Auto Radios. Millions more will want to have this convenient form of entertainment. Many Motor Boats and Yachts are equipped with Radios. Almost all airplanes are now equipped with Radio sets for the entertainment of passengers. The installation maintenance and repair of this Radio equipment OFFERS MANY ADDITIONAL OPPORTUNITIES TO TRAINED RADIO-ELECTRONICS MEN.

# ELECTRONICS

## TUNITY *Field*

### Prepares You For This Fascinating Field

#### Operate Your Own Radio Shop or Store

**R**ADIO-ELECTRONICS offers splendid opportunities for men with training to go into business for themselves, offering such services to the public as Radio Set Installation, Repairs and Service to home, Auto and Marine Radio Receiving Sets. The sale of Radio Sets, Tubes, Repair Parts and other Radio-Electronics devices offers additional opportunities for profit.

Many COYNE men are now operating their own profitable radio shops. Here at COYNE you get instruction in modern business methods and salesmanship. As a graduate you get merchandising and consultation service and other assistance, if you plan to operate a shop of your own.

#### Television

**T**ELEVISION is definitely advancing to a point where it is becoming a more and more important factor in the Radio-Electronics field. It would be a mistake for any fellow who is training and preparing to enter the RADIO-ELECTRONICS field to overlook the importance of getting training in this great branch of RADIO-ELECTRONICS.

*Plans for expansion are being made for this field and TELEVISION may in itself become one of the nation's greatest industries.*

#### Frequency Modulation

**T**HIS advanced method of NOISE-FREE RADIO RECEPTION is rapidly being accepted by the public. More and more men with training on this equipment will be called upon to install Frequency Modulated Receivers and to Change Regular Wave Receivers to Frequency Modulation by installing Frequency Modulation Translators which are units that enable a regular wave receiving set to pick up Frequency Modulation programs. This development of RADIO-ELECTRONICS alone should open up thousands of additional opportunities to fellows who are trained and can install, service, repair and maintain this equipment.

#### Sound and Public Address

**A**NOTHER rapidly growing branch of RADIO-ELECTRONICS is SOUND and PUBLIC ADDRESS work. The thousands of theatres all over the country equipped for sound motion pictures offer excellent opportunities for trained men.

Many large Factories, Industrial Plants and large Offices are equipped with Public Address and Inter-Office Communication Systems. Public Address Systems are now regarded as a necessity at nearly all large gatherings. Sound Trucks and Sound Cars equipped with Public Address Systems are being extensively used for many purposes.

#### Many Other Opportunities for Trained Men in Electronics

**E**LECTRONIC TUBE DEVICES and AMPLIFICATION SYSTEMS have many applications outside of the Radio, Sound, and Television fields themselves.

TELEPHONE COMPANIES use thousands of Audio-amplifiers and elaborate Electronic Tube equipment in their central stations and employ men with practical Radio-Electronics Training for steady jobs in this line.

POWER COMPANIES employ trained Radio-Electronics men to locate and eliminate sources of Radio interference on their lines and equipment, and also to maintain High Frequency Carrier Current Communications and Control Equipment.

With the increasing use and application of ELECTRONIC, HIGH FREQUENCY and VACUUM TUBE APPARATUS, a knowledge of such equipment becomes increasingly important to the Radio-Electronics man.

Truly, we are living in a RADIO-ELECTRONICS age and a man who is wise enough to see this and train now, will be preparing himself for a good job now, and a real future in the years ahead.

#### You Can Share in Radio's Prosperity

**W**HETHER you are a young man of 16 or as old as 45—whether you have had advanced education or not—whether you have had Radio experience or whether you have not had Radio Experience—YOU CAN SHARE IN THE GREAT PROSPERITY IN THE RADIO-ELECTRONICS FIELD.

BUT I WANT TO EMPHASIZE THIS POINT—the man who benefits must have more than just a smattering knowledge of a few branches. He must be trained in the principles and fundamentals of the field and he must have practical training and experience with the real RADIO-ELECTRONICS equipment.

HERE AT COYNE YOU GET THIS TRAINING. YOU ARE GIVEN THE TRAINING THAT WILL GIVE YOU WHAT YOU NEED FOR A REAL SUCCESSFUL FUTURE, FULL OF OPPORTUNITIES IN AN INTERESTING, FASCINATING FIELD.

NOW LET'S TURN THE PAGE AND GO THROUGH MY SHOPS.

*The following pages will show you the pictures of my shops and how we train fellows like you by the famous Coyne "LEARN-BY-DOING" method.*

*Go through these pages carefully. Then read the pages that follow. Then you will have the story of COYNE and see what we can do for you, both as a Student and as a Graduate.*





# Now! Read This Page...

**I** AM GOING to ask you to read this page very carefully for I have brought out some very important points here. Then I am going to take you on a trip through my shops in the pages that follow.

Every picture of my shops that you will see in this book is a bona fide reproduction of a photograph taken right here in my school while the students were working and doing the same work that you, as a student at COYNE, will do when you get here. So, once again let me say, don't skip

through this book; take it page by page, as it's written, then you will get the true story of COYNE.

I'm going to show you through the various Departments of my RADIO-ELECTRONICS Course—the Radio Servicing, Television, Sound and Electronics Department, Public Address Department, etc. Of course, I can't picture all of the equipment you will work on when you come to Coyne but I am going to show you a lot of it in each department. To describe everything at COYNE would take a book much larger than this one. I'm sure, however, when you have gone through this book with me, you will agree on one thing—COYNE offers you the opportunity to get the Radio-Electronics Training you want, the way you want it, by practical, "Learn-By-Doing" Training methods.

## You "Learn-By-Doing"

**A**T COYNE you SEE the equipment and apparatus demonstrated and you work on equipment yourself—the important practical facts and theory you need 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 Radio and Electronic equipment.

Just imagine how much easier, quicker and more interesting it is to learn Radio-Electronics in this manner. You will be surprised how easy

it will be for you to remember things learned in this way. Then, by working out these points yourself on actual equipment, you get them fixed in your mind.

You are also shown how to make brief, practical notes and diagrams from the lectures and shop jobs to keep in your notebook for future reference on the job.

## Instructors Work With You

**O**NE OF the outstanding features of COYNE SHOP TRAINING is the individual assistance given to each student by our instructors. You will find that students and instructors are real friends here at COYNE and they work with each other, side by side, throughout the course of training. All COYNE instructors have been selected not only for their superior knowledge and experience, but also, because in addition, they possess the qualities of patience, kindness and sympathetic consideration for all students.

Because of this 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 they can get the most from their training in the shortest possible time. This means that the student who is naturally quick and learns faster, is able to advance rapidly to the next job, while his shop mate, who prefers to travel more slowly, can do so. Both types of students get the same training, but our method of instruction is adapted to best suit the individual needs of each. Then, too, a student is allowed to come back again to the department after he has finished, to review the work if he so desires. This method is responsible to a great extent for the excellent progress made by the COYNE STUDENTS and why so many COYNE trained graduates quickly impress their employers with their superior skill and knowledge.

## Each Job Leads You to the Next Job

**A**S YOU go through the course, you have been prepared for each job by the one that you had just before.

By this I mean—in the first department, the same as in every other department, each job leads to the next one and they gradually become more advanced. So that almost before you know it, you are doing work that even ten days before may have been a mystery to you. That is because you have gradually advanced, step by step.

When you have completed the Elementary Radio and Electronic work, then you will have a foundation for the more advanced jobs that follow in the Radio Servicing, Sound and Television Departments, etc.

For instance—

First, you are trained on simple signal circuits, relays, annunciators, phones, tubes, etc., along with the elementary Radio-Electronic laws and principles.

This gives you a foundation for the training you will get later in building and servicing Radio receiving sets and your work with electronic tubes, tuning coils, condensers, transformers, speakers, power supply units, etc. And the work you do in this department will prepare you for your later work in Sound, Television and other Electronic equipment.

## Now Let's Go Through the Shops

**I** HAVE told you these things because I want you to be familiar with them before we start our trip through the shops. NOW, AS WE GO THROUGH THE FOLLOWING PAGES, I WANT YOU TO PAY PARTICULAR ATTENTION TO HOW MY STUDENTS ARE GETTING THEIR TRAINING. As you go through these different departments, I'm sure you can't help but agree with me when I say—the way to get a practical training in Radio-Electronics is the way it is taught at Coyne.

Now, the first pictures I will show you will be of students doing Elementary work. AS YOU GO THROUGH THE PICTURES OF MY SHOPS, READ THE WORDING UNDER EACH PICTURE FOR IT WILL EXPLAIN THE DIFFERENT EQUIPMENT AND APPARATUS SHOWN.

Then Let Me Take You Through My Coyne Shops in the Pages That Follow

# Here You Start Your Elementary Work-

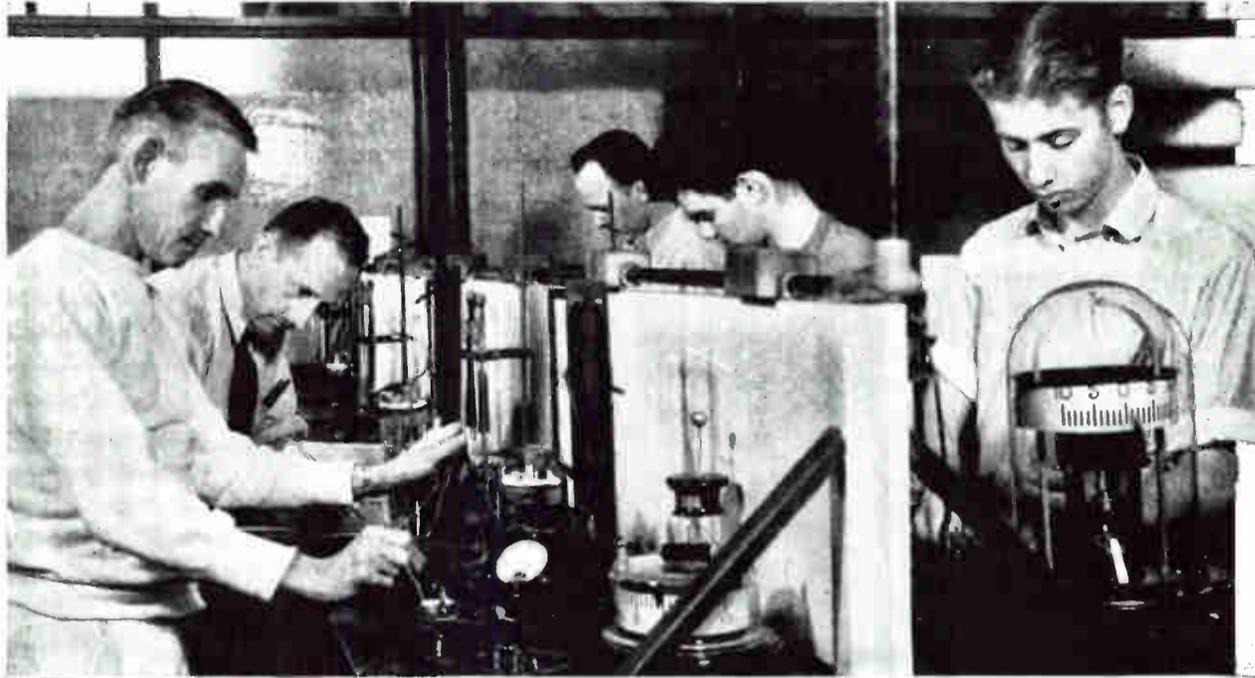
## Even This Training Is Practical

**Y**OUR Radio-Electronics Training here at COYNE is practical and we teach you the things that are important for your future success, whether it will be in servicing Radio receiving sets, sound work, Television, Public Address equipment, or other Electronic equipment. You start your course with interesting elementary training, which includes practical talks, demonstrations and practical work on the equipment. This lays a very important foundation for all your training in the later, more advanced jobs, and for your work in Radio-Electronics, both in school and on the job, after you graduate.

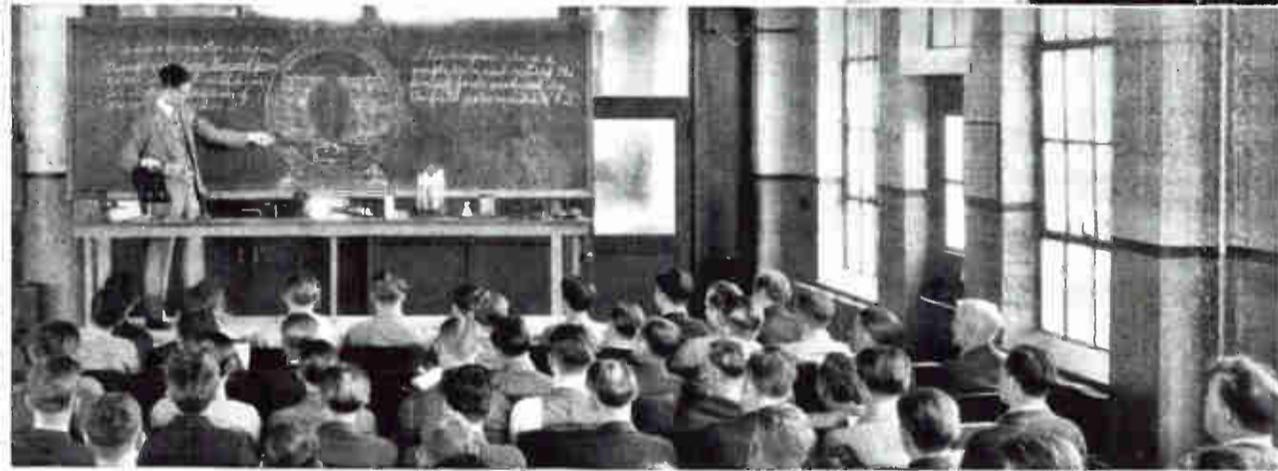
First, we give you, in a clear, understandable, practical way, an understanding of Electrical laws and principles, **FOR AS YOU KNOW YOU MUST HAVE AN UNDERSTANDING OF ELECTRICAL LAWS AND PRINCIPLES** before you can be a RADIO-ELECTRONICS man.

You get just enough Electricity which will be the basis for your Radio-Electronics Training.

The nature and uses of Electricity, as applied to Radio-Electronics, are very simply and easily



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 to their Radio-Electronic work.



Each important principle is explained in simple language and with blackboard illustrations. Then these principles are demonstrated and proven before you work 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 type of training helps you to understand Radio-Electronic circuits and testing in following departments and shows you how relays and telephone parts apply to radio.



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.

made clear to you by the practical methods and equipment we use here at COYNE.

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. My instructors do not use technical terms and phrases until you have learned the meaning of them.

Then, after the instructor has explained these points, he demonstrates and proves them to you on actual equipment.

You will be surprised 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 Learn Step By Step

**A**FTER each talk and explanation of important principles by your instructor, you go to a bench with a number of interesting types of equipment on it and work out practical jobs to prove each point. Your instructor shows you just how to proceed in wiring up and operating the equipment on these jobs 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 will wire up, test, and operate a number of very practical Signal, Alarm, Relay and Control Circuits that will help you to understand the simple principles of Electrical Circuits as they apply to Radio Receivers, to Television Equipment, to Sound Apparatus, and to the many other types of Electronic devices that you work on in the more advanced Departments.

You also learn to read blue prints and diagrams and how to wire systems from definite plans and how to test and shoot trouble on this equipment.

Many of the simple rules or methods you learn in this elementary work will help you to solve the most complicated 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.

Of course, as I said before, I can't show you all of the equipment you will find here because that would require a book many times this size. However, I want you to examine these pictures on this page and the following pages, and read the captions under them which explain the jobs the students are doing. Notice how interested these students are even in this elementary work. Then let's go on to Radio Servicing and Sound and Television.

# These Four Pages Take You Through Our **BEGINNERS ELECTRONICS** *and* **RADIO SERVICING DEPARTMENT**

**A**FTER you have finished your Elementary work and both you and your instructors feel that you understand it thoroughly, and can pass the examinations, you go on to this Department. Here you get practical training in the Building, Testing, Adjusting, Aligning, Servicing and Repairing of various types of Radio-Electronics equipment.

## **First You Get the Groundwork in Radio and Electronic Principles**

**F**IRST you learn the fundamental principles of Radio reception and transmission. Here you are given instruction and demon-

strations on the various types of RADIO and ELECTRONIC devices and ELECTRONIC circuits and you learn HOW and WHY they are used.

The Instructor demonstrates various parts that go to make up a Radio Receiver or other Electronic devices such as the different types of Electronic Tubes, Resistors, Condensers, Coils, Resonant Circuits, Transformers, Speakers, Rheostats, Potentiometers or Volume Controls, and explains their construction, action and application. In this way you are made thoroughly familiar with the various RADIO parts as the Instructor illustrates and explains their action in a simple, direct and easily understandable way. Then, after you have the fundamental principles needed to understand the purpose and application of the various parts, you are ready to start building Radio-Electronic equipment.

You are furnished a complete set of the necessary parts and materials and you are taught how to assemble and wire up a Power Supply, a Tube Characteristic Tester, an Audio Frequency Oscillator, a Two Stage Audio Amplifier, a Tuned Radio Frequency Receiver, a Superheterodyne Receiver, a Phonograph Oscillator and other Electronic equipment. These jobs are all laid out and assembled according to blueprint plans and diagrams. **ALL OF THE NECESSARY PARTS AND TOOLS ARE FURNISHED BY THE SCHOOL AT NO EXTRA CHARGE.**

## **Now You Are Ready to Build Radio Sets**

**Y**OU are now ready to apply this knowledge in laying out, building, connecting up and testing various types of RADIO equipment. The photo on the left shows students applying this knowledge in various stages of actual receiver construction.

To simplify the building of the Amplifiers, Oscillators, Receivers, etc., that you will construct, a step-by-step procedure is employed. Each step is checked by an instructor before you go to the next step. In this way you become familiar with each step as you go along.



This photo shows a section of the Radio Servicing Department at Coyne. Here students learn to do layout of chassis, build and wire Receivers and do Trouble Shooting and Testing. Plenty of Sets, Parts, Instruments and tools are provided to make the training intensely practical. Experienced instructors help students with their Shop Work and answer their questions.



This photo shows students working with modern radio receivers and test instruments to locate faults and troubles. Note the Cathode Ray Oscilloscopes and other up-to-date test equipment which the students are learning to use with the help of the instructor.



In this view an instructor is shown giving individual instruction to a student on the operation and mechanism of a popular, remote control receiver. When the student dials the "mystery" control box, the radio is automatically tuned to another station.

### Practical Work on Receiver Testing

**Y**OU learn how to make continuity tests, how to trace a signal through a receiver, how to locate faults in any parts or circuits, how to shoot trouble and make service repairs, how to neutralize and balance and align factory made receivers.

This work will prove interesting and a real pleasure, as it is laid out by your instructor to enable you to get the utmost out of your training. FOR EXAMPLE, many sets are purposely made defective with some trouble that might show up at any time when you are at work on a job. After locating the trouble you are taught how to make the necessary repairs by the very latest methods. After doing this successfully on many different sets, it becomes a simple matter for you to quickly locate these faults in the factory made RADIO sets you may have to repair in your future work on a job.

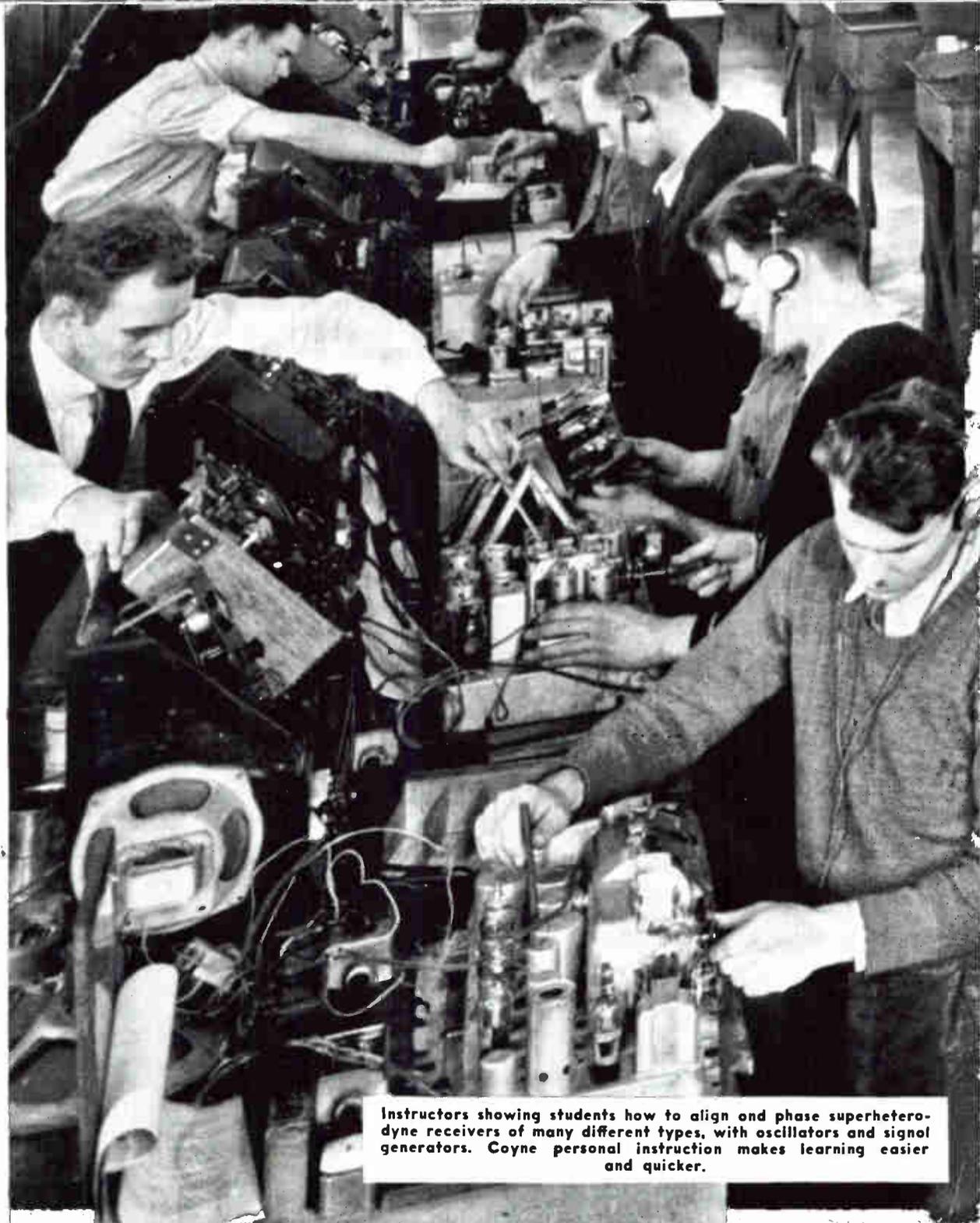
### Work on Many Radio Receivers

**A**FTER you have completed your work on simpler forms of RADIO receivers, you go on to the more complicated types. You don't just service one type of receiver in this work. You will have an opportunity to work on many popular A. C. Superheterodyne sets and tuned Radio Frequency receivers.

You get actual practice in Testing Tubes, Condensers, Transformers, Resistors, Speakers, Power Supply Units, filters and all parts of RADIO RECEIVING SETS and other ELECTRONIC EQUIPMENT with Modern Test Instruments.

You get practice in handling Modern Analyzers, Oscillators, Output Meters, Signal Generators, Signal Tracers, Oscilloscopes and other up-to-date Test Equipment. You'll see some of this equipment in the picture at the bottom of page 6 which shows students working with these instruments. You actually make complete ANALYSIS CHARTS on many types of Receiving Sets. You make VOLTAGE and RESISTANCE ANALYSIS TESTS and familiarize yourself with SIGNAL TRACING and other modern SHORT CUT METHODS OF FAULT LOCATION IN RADIO EQUIPMENT.

This is the type of "LEARN-BY-DOING" training you get at COYNE to prepare you for a good job in building, Testing, Servicing, Aligning, Adjusting and Repairing Radio Receivers and other ELECTRONIC EQUIPMENT.



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



## Auto Radio

**Y**OU get instruction on popular types of AUTOMOBILE RADIOS including instruction on INSTALLATION, INTERFERENCE ELIMINATION, SERVICING, TESTING AND REPAIRING. Only about one-fourth of the many million automobiles on our highways today are equipped with Radios. This means a large number of opportunities in installation and interference elimination, besides servicing, testing and repair work in this great branch of RADIO. MARINE RADIO also offers many opportunities for installing, servicing, testing and repairing Radio receivers in motor boats, yachts, etc.

## Now I Want to Tell You About Frequency Modulation

**I**N addition to all your other Radio work, your training would not be complete without instruction in one of the more recent developments in Radio—FREQUENCY MODULATION—usually referred to as "F. M. RADIO."

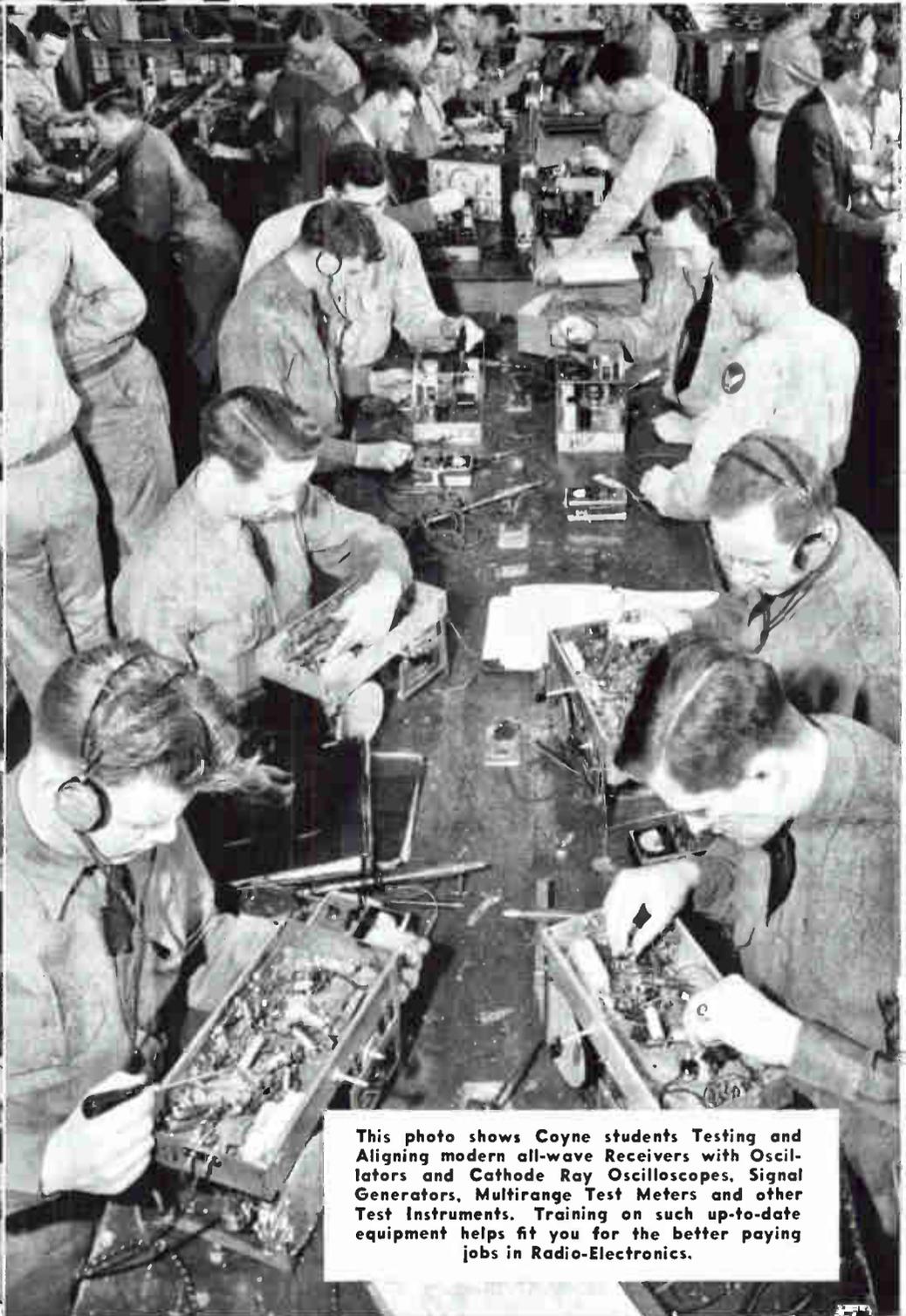
Because of the advantages of this amazing new method of Radio Reception, a method which eliminates static and brings the program to you with practically no interference from hum and noise, it may eventually make Regular wave Radio obsolete. Think of the opportunities trained men will have in changing Regular wave receivers to Frequency Modulation to enable them to pick up F. M. programs.

Then too, think of the millions of F. M. sets that will have to be manufactured and sold to eventually replace Regular wave Radios. This all means opportunity for trained men—jobs—jobs and more jobs for those fellows who realize this and plan now to prepare by training to qualify for this great new field.

Above is a general view of our Radio Servicing Dept., showing students using the latest type Testing Equipment, such as Chanalysts, Oscilloscopes, Electronic Signal Tracer and other Testing Equipment.

The view on the right shows Coyne students locating defective tubes and trouble shooting on Radios and other Electronic Equipment.

The photo below shows students using Radio Analyzers to quickly diagnose troubles and locate faults in radio receivers.



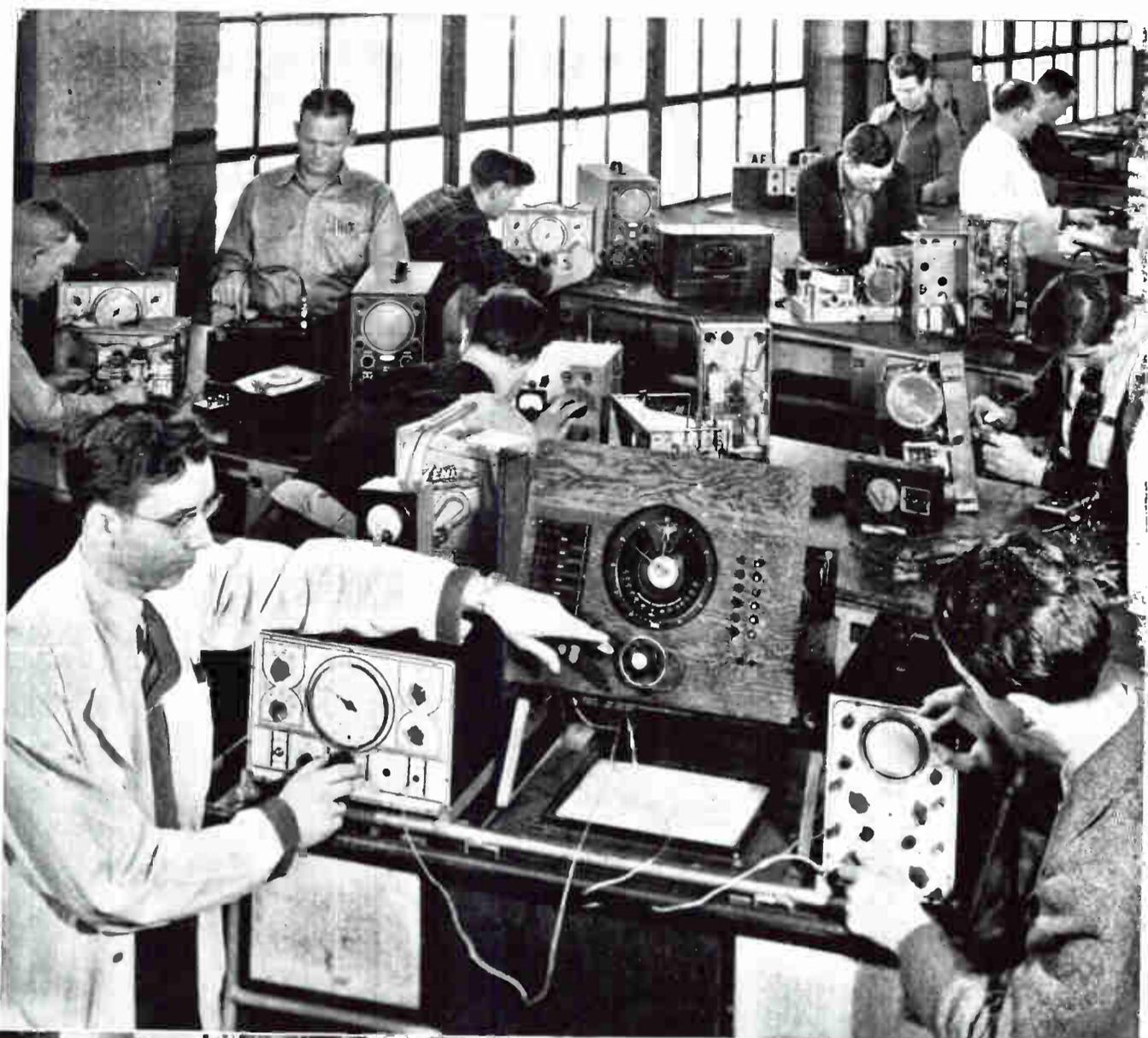
This photo shows Coyne students Testing and Aligning modern all-wave Receivers with Oscillators and Cathode Ray Oscilloscopes, Signal Generators, Multirange Test Meters and other Test Instruments. Training on such up-to-date equipment helps fit you for the better paying jobs in Radio-Electronics.



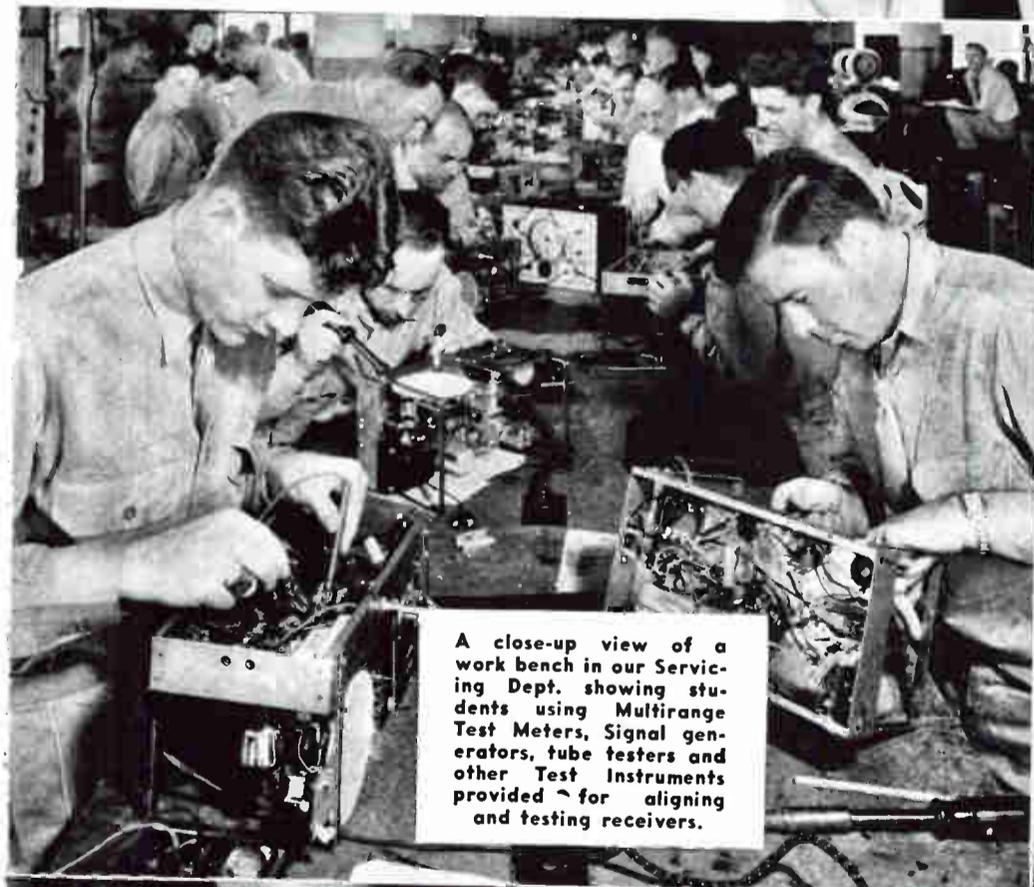
**Y**OU will be given instruction and demonstrations on the modern **FREQUENCY MODULATED RECEIVERS** and **FREQUENCY MODULATED TRANSLATORS** which are used in converting a regular wave Receiver to an F. M. Receiver. The purpose of the Limiter which eliminates static in F. M. Radio and the Discriminator or "detector" in F. M. Radio will be covered, after which you will be prepared for the work in **ADJUSTING, ALIGNING, TESTING, TROUBLE SHOOTING** and **REPAIRING** that you will be required to do on the units provided for this type of practice, **SUCH AS YOU SEE STUDENTS DOING IN THE PICTURE AT THE TOP OF THIS PAGE.** Notice the personal service the instructor is giving a student on the testing of a special Frequency Modulation unit in the foreground of the picture. This type of instruction is designed to give you a well-grounded training in Radio-Electronics.

**You Are Now Ready For Work On Advanced Electronics, Sound, Public Address And Television Equipment**

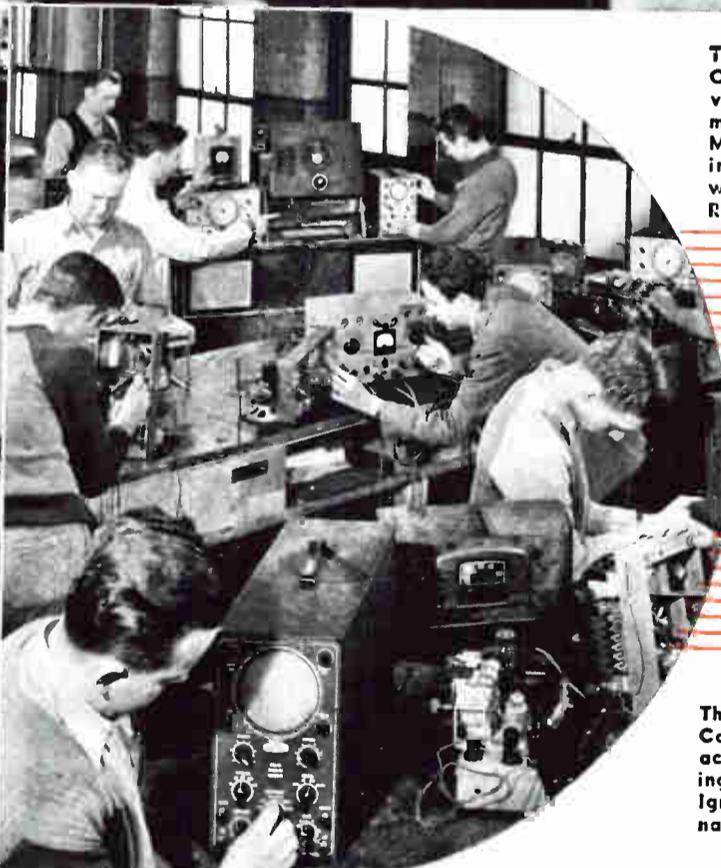
**W**HEN you have satisfactorily completed this work I have described, you will have had training in **BUILDING, TESTING, REPAIRING, ALIGNING, ADJUSTING AND SERVICING RADIO RECEIVERS AND OTHER ELECTRONIC EQUIPMENT** AND HAVE LAID THE **GROUND WORK** for the more advanced **WORK TO FOLLOW ON SOUND, PUBLIC ADDRESS, TELEVISION** and **ADVANCED ELECTRONICS** equipment and apparatus that is necessary for **ALL-AROUND RADIO-ELECTRONICS TRAINING.** I'm going to tell you about this part of my course on the next four pages.



The picture above shows a Coyne student getting individual instruction on a modern type Frequency Modulation Unit. Students in the background are working on other F. M. Receivers and translators.



A close-up view of a work bench in our Servicing Dept. showing students using Multirange Test Meters, Signal generators, tube testers and other Test Instruments provided for aligning and testing receivers.

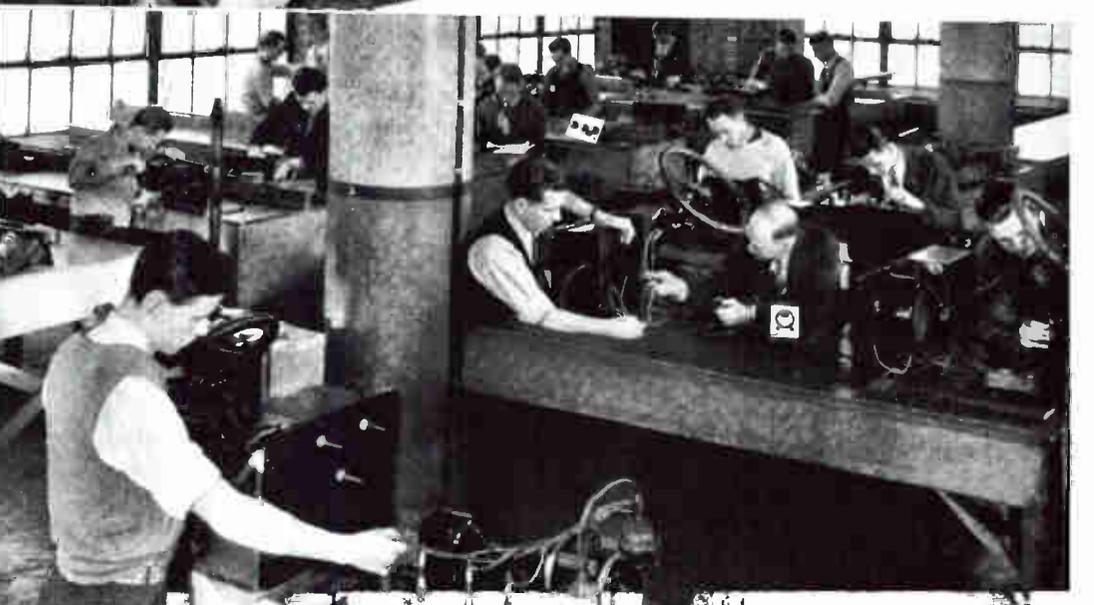


This photo shows students Testing, Signal Tracing and Aligning modern Frequency Modulated Translators.

The picture below shows Coyne students getting actual experience in Testing, Trouble shooting and Ignition Interference elimination on various makes of Auto Radios.



Here an Instructor is explaining various trouble symptoms, tests and remedies with a Special Demonstration Unit which visualizes circuit operation and troubles.



# These Next Four Pages Show You Our ADVANCED ELECTRONICS- TELEVISION *and* SOUND DIVISIONS

**N**OW you are ready to enter one of the most interesting Divisions of the entire course, equipped with some of the most fascinating Radio and Electronic apparatus you have ever seen. Here you get instruction on many of the newest applications of Electronics to SOUND, PUBLIC ADDRESS SYSTEMS and TELEVISION. NEW DE-

VELOPMENTS AND IMPROVEMENTS ARE CONSTANTLY INCREASING THE APPLICATIONS OF RADIO-ELECTRONICS, PROVIDING NEW AND ADDITIONAL OPPORTUNITIES FOR TRAINED MEN.

To make a real success in this great field, an all-around practical training is necessary. That's why I have provided such an

outlay of equipment and apparatus to make your training practical all-around training. It has always been my policy to add to my course any training that will be of benefit to my students and enable them to qualify for greater job opportunities in this field.

## Sound Work Offers Opportunity

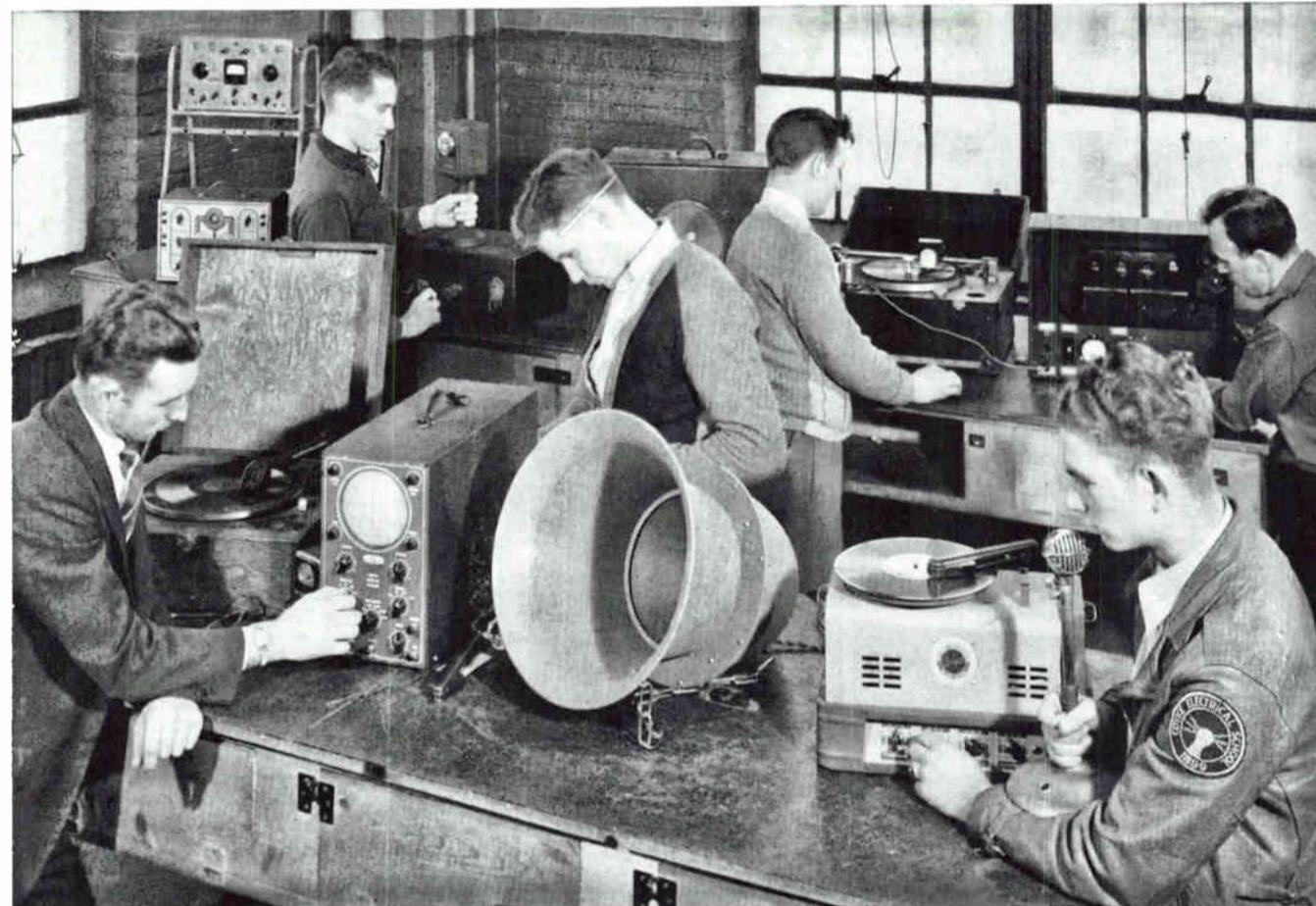
**N**EW developments are constantly increasing the need for trained Sound men. Many people do not realize that the sound equipment and other up-to-date apparatus in our vast Motion Picture Studios, in Ball Parks, in most places of public assembly, and in thousands of Theatres throughout the country are examples of applied Electronics, and that many thousands of trained Sound Technicians are required to manufacture, assemble, test, install and service this interesting equipment.

Here at COYNE you will be taught the nature of Sound, how it is converted to electrical impulses and how these impulses may be controlled, reconverted, and used. You will learn the Operation, Care, Servicing and Repair of Sound Heads, Microphones, Preamplifiers, Power Speakers, Tone Controls, etc.

You will work on Automatic Record Changers, Phono Oscillators and Audio Amplifiers of the type now widely used in Radio-Phonograph Combinations and in the Record Players found in many places of amusement. You will learn how to connect Phono-graph Pickups and Microphones into the Audio section of the various types of Radio receivers in order to convert them to Announcement and Record Playing Applications. Then you will get actual practice in shooting trouble on units of this type.

## Public Address a Profitable Field

**A** NOTHIER profitable field for trained men which is closely related to sound work, is PUBLIC ADDRESS and SOUND RECORDING. Powerful Public Address amplifiers are used in most all baseball parks, football fields, race tracks, fairs, skating rinks, parks, political gatherings, clubs, schools, churches, stores, factories, hotels, bathing beaches, resorts, amusement halls and other public places.



The above photo shows Coyne students testing and working with Microphones, Public Address Amplifiers, Reproducers, Recorders, Power Speakers and other types of sound equipment. This interesting and profitable branch of the Radio-Electronics field offers excellent opportunities to trained men.



This photo shows students getting personal instruction on large Cathode-Ray Oscilloscope which was built here in the Coyne Shops under the supervision of my staff of instructors to give practical "Learn-By-Doing" experience on this amazing device.



A knowledge of High Frequency equipment is becoming increasingly important to the Radio-Electronics man. This photo shows a Coyne student getting a personal demonstration on equipment such as used in High Frequency applications.

**Y**EARS ago when people attended events held out of doors, it was impossible for any except those few that were close to the speaker or proceedings to actually hear what was going on. Today Public Address systems are a common requirement at these affairs and no matter how large the gathering or where you sit you can hear perfectly. A very weak voice, soft music or even a whisper can be amplified and heard at the farthest edge of the gathering.

*When you stop and think of the many occasions for events all over the country which require the use of Public Address systems, you can well realize the opportunities for men with training in this profitable branch of Radio-Electronics work.*

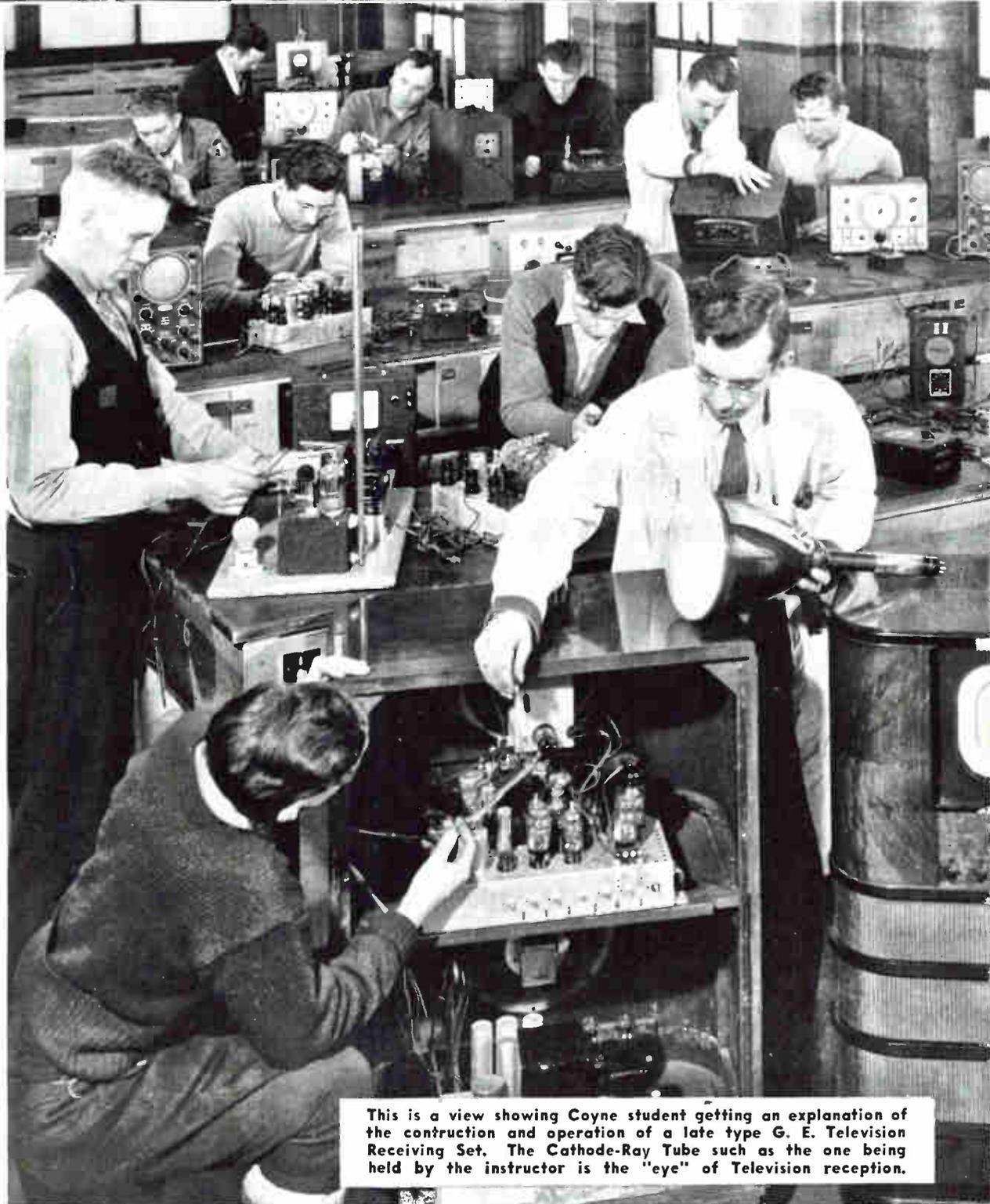
Instruction by widely experienced instructors in elementary acoustics, sound handling problems and practical Radio principles, coupled with actual work and practical shop training on Sound Heads, Pre-amplifiers, Public Address Amplifiers, Tone Controls, Speaker Matching, Speaker Phasing, etc., is the type of training that can prepare men and young men for a good paying job and a real future in this important and profitable branch of Radio-Electronics.

### Television, the "Eyes" of Radio

**T**ELEVISION, an advanced development of Electronics, promises untold opportunities to those who prepare by training to get in on the ground floor of this great new branch of RADIO-ELECTRONICS work. Radio authorities have indicated that **WITHIN THE NEXT FEW YEARS TELEVISION MAY BE AS POPULAR IN THE AMERICAN HOME AS RADIO IS TODAY.**

When you realize that there are more than 50,000,000 Radio sets in use today, you can appreciate the opportunities that TELEVISION should offer for Manufacturing, Assembling, Testing, Selling, Installing and Servicing this equipment. It can well be the great opportunities of Radio all over again with the added advantage of years of research and experience.

**TELEVISION AND RADIO GO TOGETHER.** TELEVISION is the "eyes" and RADIO the "ears". Television transmitters send out both light modulated and sound modulated high frequency waves, and Television receivers pick up and convert these waves to sight and sound signals. Therefore, no training in RADIO-ELECTRONICS would be complete if it lacked training in this important new branch of the RADIO-ELECTRONICS field.



This is a view showing Coyne student getting an explanation of the construction and operation of a late type G. E. Television Receiving Set. The Cathode-Ray Tube such as the one being held by the instructor is the "eye" of Television reception.



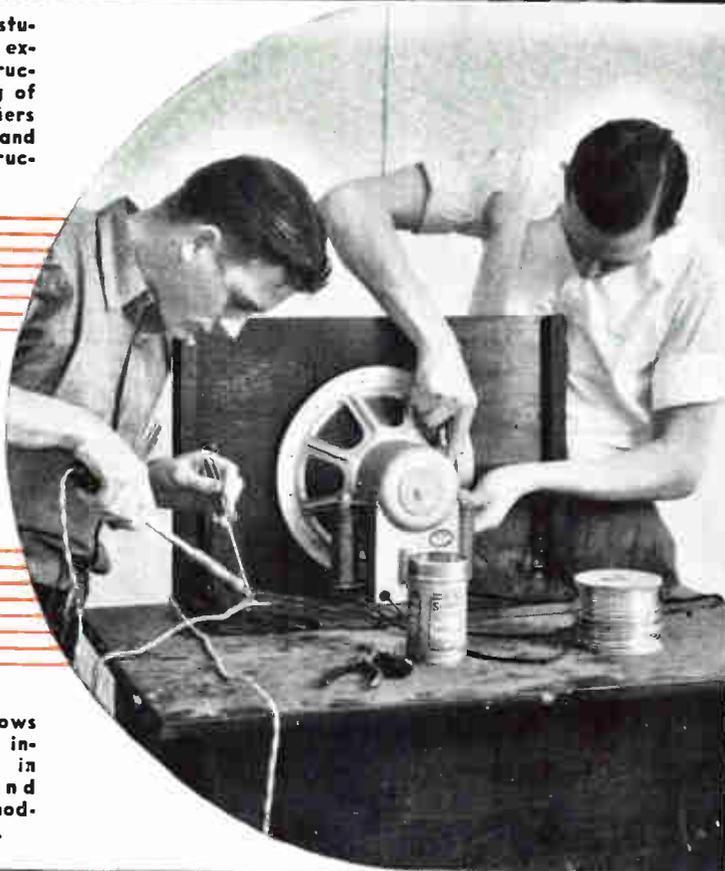
## You Work on Television Equipment

**H**ERE at COYNE you will get instruction on the principles of TELEVISION transmitting and receiving. Experienced instructors will explain TELEVISION principles, light principles and other advanced Electronic applications including Photo Electric Cells and Glow Lamps, Television Camera and Circuits, THE ICONOSCOPE TUBE USED IN TELEVISION TRANSMISSION, THE KINESCOPE TUBE USED IN TELEVISION RECEPTION.

You will get instruction in Signal Tracing, Testing, and Adjusting procedure on the latest type Television receiving sets. Experienced Instructors will explain and show you how to do this interesting and important work and you work on actual Television equipment yourself. The picture at the right hand side of the bottom of page 11 shows an instructor explaining the Cathode Ray Tube which is the "eye" of the Television receiver. Instruction like this gives you confidence and helps you to better understand the Advanced Electronic applications being developed and applied in this amazing new branch of Radio-Electronics.

It is my sincere belief that any fellow who is training and preparing for the great field of RADIO-ELECTRONICS would make a big mistake to neglect getting training in TELEVISION, in preparation for the great opportunities promised for this great field. *That is why I have provided actual Television equipment and instruction as I am convinced this opens up greater future opportunities to men and young men who will prepare themselves with an all-around TRAINING IN RADIO-ELECTRONICS AND BE READY TO STEP INTO THIS FIELD.*

Here you see Coyne students getting practical experience in the Construction, Wiring and Testing of Public Address Amplifiers with the personal help and guidance of their Instructors.



Students at work repairing and testing a large loud speaker such as used in public address units.

The photo below shows Coyne students getting instruction and practice in Testing Television and Sound Equipment with modern Test Instruments.

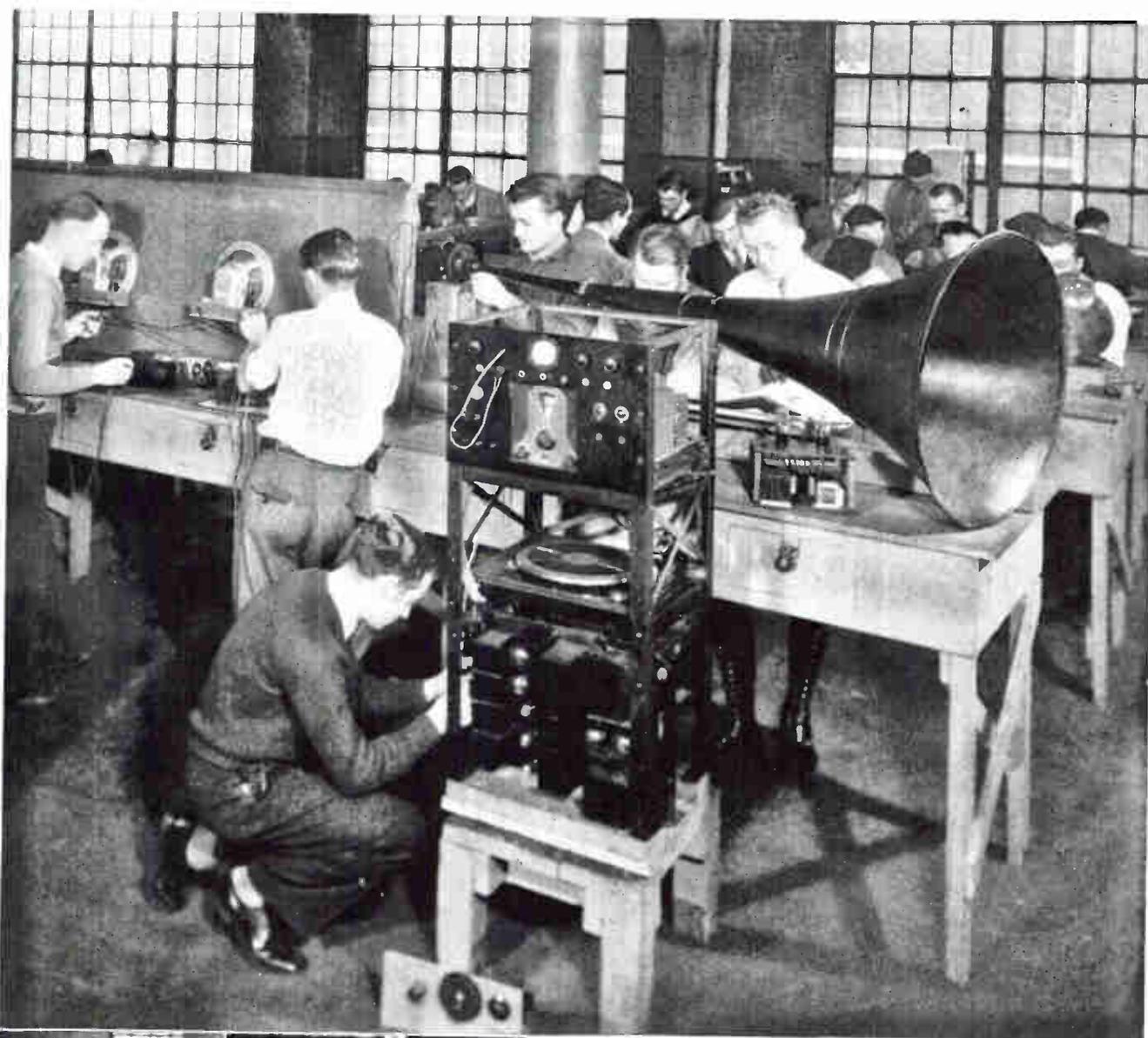


This view shows Coyne students at work on various types of Television apparatus. Students actually operate and test real Television equipment with modern Test instruments such as Cathode-Ray Oscilloscopes, Electronic Signal Generators, etc.

**Excellent Opportunities  
for Men With a Well-Rounded  
Radio-Electronics Training**

**W**HEN you have satisfactorily completed the training in RADIO-ELECTRONICS that I have described, you will be ready to graduate from our Radio-Electronics course and apply your training in this FASCINATING OPPORTUNITY FIELD. This well-rounded practical course of training in Radio-Electronics is designed to prepare men and young men for good jobs and a real future in this fast growing, progressive field—a field that should continue to offer greater and greater opportunities to the trained man in the years to come.

THE PICTURES OF THE COYNE SHOPS THAT YOU SEE on the various pages of this book ARE ACTUAL REPRODUCTIONS OF PHOTOGRAPHS of students at work on some of the equipment and apparatus used in my RADIO-ELECTRONICS course. NATURALLY, I COULD NOT SHOW ALL OF THE EQUIPMENT or all parts of the shops in this book. However, they illustrate the practical training methods employed here at Coyne. YOU WILL NOTICE THAT MANY OF THEM SHOW HOW STUDENTS GET PERSONAL ATTENTION FROM THE INSTRUCTORS. I AM SURE THAT AFTER READING THIS BOOK AND STUDYING THE PICTURES IN IT YOU WILL REALIZE THE MANY ADVANTAGES OF COYNE TRAINING AND REALIZE THAT THE FAMOUS COYNE "LEARN-BY-DOING" SHOP TRAINING COURSE GIVES YOU THE KIND OF TRAINING YOU NEED FOR A BRIGHT AND SUCCESSFUL FUTURE IN THE GREAT FIELD OF RADIO-ELECTRONICS.

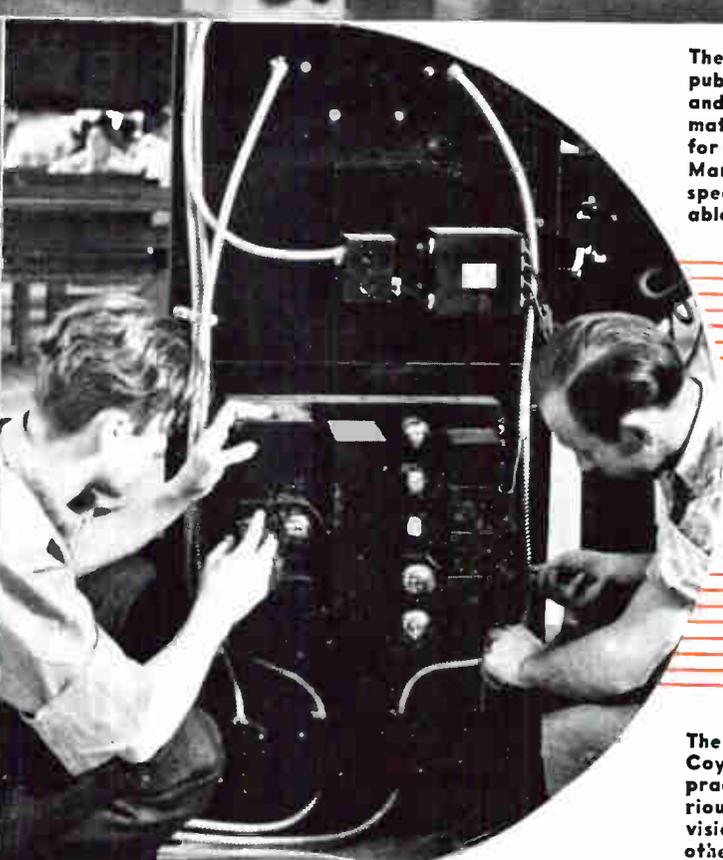
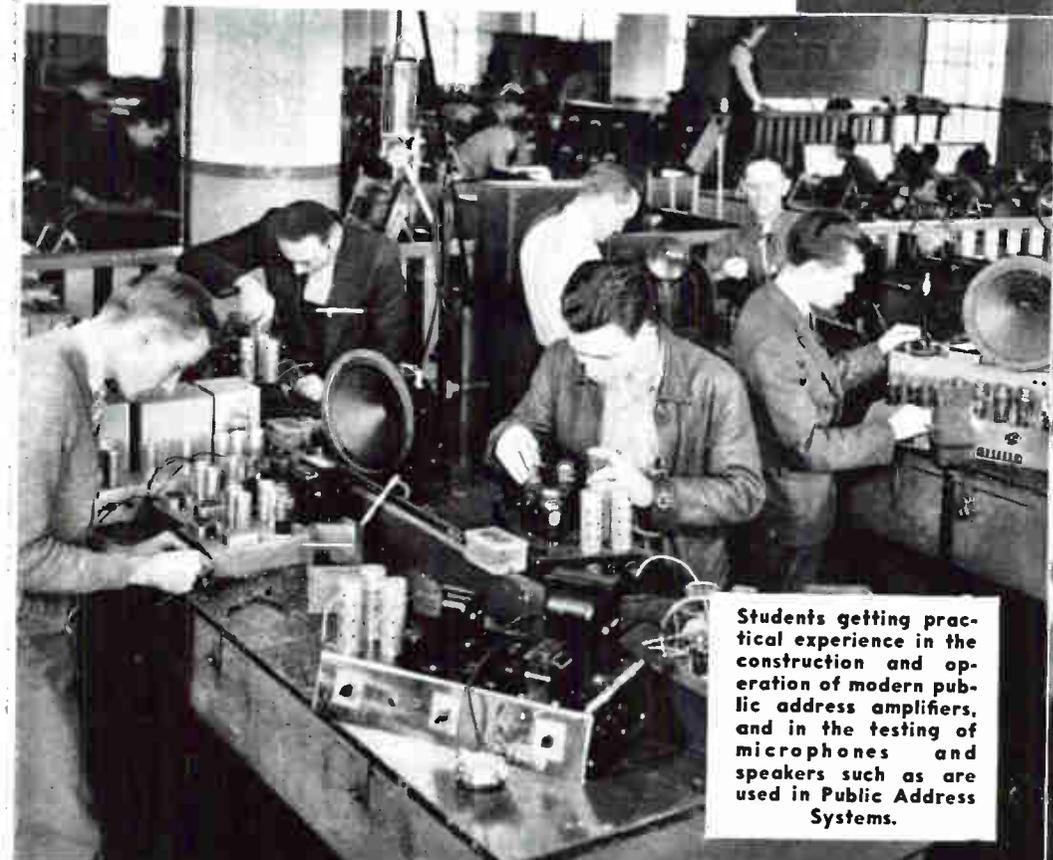


These students are testing public address amplifiers and power speakers and matching dynamic speakers for multiple operation, etc. Many Coyne Graduates are specializing in this profitable branch of Radio-Electronics work.

More actual practice and experience on Sound Equipment by working on a Power amplifier panel used in sound systems.

The view below shows Coyne students getting practical experience on various types of Sound, Television, Public Address and other Electronic equipment.

Students getting practical experience in the construction and operation of modern public address amplifiers, and in the testing of microphones and speakers such as are used in Public Address Systems.



# When War Came.....



**COYNE** was one of the first schools used by the Government to train Radio men for

**E**VEN before the war started our War Department recognized the important part that Radio and other Electronic Devices would play in Modern Warfare, and recognized the need for increased training facilities to meet the demands of an expanding Army. Plans had already been discussed to make use of established Training Facilities to help train the Technicians needed.

Then when War came, the training problem that faced the War Department naturally was tremendously increased. One of the many problems that faced our War Department at that time was the problem of building up efficient training Facilities to provide various branches of the Armed Forces with the vast number of Technicians and Specialists required. The Officers and Educators entrusted with the responsibility of carrying out this training program solved this problem with almost unbelievable speed and efficiency.

COYNE IS MIGHTY PROUD OF HAVING HAD AN IMPORTANT PART IN THIS TRAINING PROGRAM. Coyne was among the first Schools used by our Government to train Radio men for the Armed Forces.

We started training Radio men for the Armed Force Units of the U. S. Army in October of 1940. Later, several thousand RADIO



Above and at the right are two views showing Military Trainees at Coyne getting the "LEARN-BY-DOING" type of training which Coyne has featured for many years.



The photo below is a group view of a Military Training Unit attending our school.





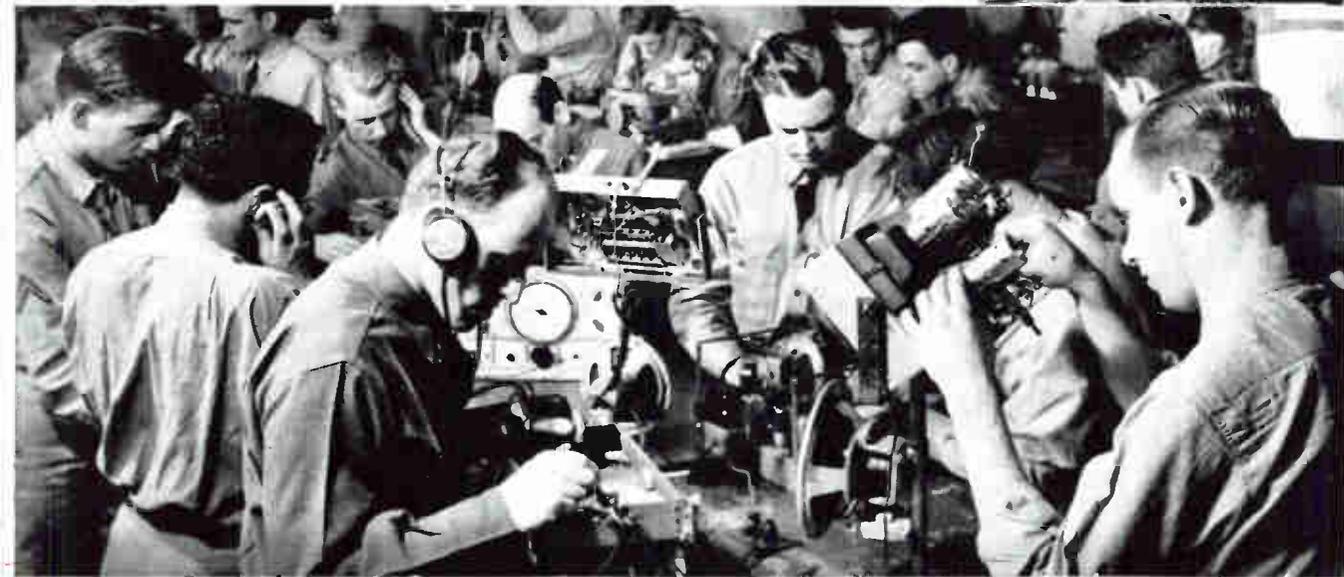
# the armed forces!

AND ELECTRICAL MEN WERE TRAINED FOR THE U. S. ARMY SIGNAL CORPS, ENGINEERS CORPS, ANTI-AIRCRAFT COMMAND AND ARMY AIR FORCE.

Army Officers and Educators in cooperation with our Staff developed many improved training methods and systems designed to enable a student to grasp the work more quickly and in that way cover the most ground possible in the time allowed. Many of these streamlined methods and systems could be adapted to our civilian training and have been incorporated into our regular course, so civilian students, as well, are getting the benefits of these improvements.

War developments in Radio-Electronics have been nothing short of miraculous in helping our fighting men perform feats that were almost undreamed of a few years ago, and these developments have served as a stepping stone to further developments of Radio-Electronics.

So men and young men who prepare themselves by training in RADIO-ELECTRONICS now are not only preparing themselves for a good job in a fascinating field today, but they are also establishing themselves in a field that offers exceptional opportunities for a real future in the years ahead.



Above and to the left are two general views showing hundreds of men in uniform being trained in Radio work for various branches of the U. S. Army.

The photograph at the top of this page shows one group of Military Trainees at Coyne on their way to morning classes.



# HERE IS SOME IMPORTANT INFORMATION ABOUT COYNE— You will want to read **THIS** and **FOLLOWING PAGES!**

**Y**OU have seen actual pictures of COYNE—both inside and out. You've seen the picture of our FIVE STORY, FIREPROOF BUILDING on the inside front cover page of this book. We occupy this entire building, which is well ventilated with plenty of air and sunshine on all sides.

On page 1 of this book, I explained many important things about COYNE and COYNE TRAINING. I have told you how the COYNE "LEARN-BY-DOING" method of training was developed from over 45 years of experience training men and young men for good jobs with a real future.

Then on pages 5 to 13 inclusive, you saw actual reproductions of photographs taken in my shops, showing students working on real, life-size Radio-Electronics equipment and apparatus. I explained each of the different departments of my course and told you about the vast amount of equipment and the various types of jobs you do to give you the actual practical experience you'll need for a real job in this field after you graduate.

If you haven't read these pages thoroughly, then go back and read every word, because they tell you what you will want to know about my training. Be sure to study the photographs shown on these pages, as they are reproductions of actual shop scenes, every one of them.

As you do this, I'm sure you'll agree that it's a fascinating sight to see so many students happily engaged in actual work on all the various RADIO-ELECTRONICS apparatus and equipment—GETTING A TRAINING TO PREPARE THEM FOR THE GREAT FIELD OF RADIO-ELECTRONICS.

Now, there are some important points about Coyne and Coyne training I want to especially bring out here.

## Whether or Not You've Had Previous Experience—You Need Coyne Training

**W**HILE many of our students have had previous experience or training in Radio, many others have not. Many fellows who are working in Radio have come here because they understand only one or two branches of Radio and are not qualified for advancement to the better jobs in RADIO-ELECTRONICS. Each branch dove-tails into the other branch, SO IT IS NECESSARY TO BE TRAINED IN THE ENTIRE FIELD.

IF YOU HAVE HAD PREVIOUS EXPERIENCE AND YOU KNOW THE FUNDAMENTAL PRINCIPLES, YOU NEED NOT TAKE THEM OVER AGAIN IF YOU CAN SHOW THAT YOU KNOW THEM AND CAN PASS AN EXAMINATION ON THEM.

On the other hand, no previous experience is necessary to come to COYNE. We have had hundreds of students come to school who have had no previous experience whatsoever. When you enroll at COYNE, we feel that you are here for one purpose—to learn RADIO-ELECTRONICS.

How little you know when you arrive is not nearly so important as the fact that we want you to have an ALL-AROUND training in RADIO-ELECTRONICS when you leave.

## Coyne Training Is Job Training

**O**N page 4, I brought out some important points about COYNE TRAINING. I explained how my instructors work with you and how each job leads you to the next, step-by-step, until before you know it you are doing advanced work on apparatus and equipment that may have been a mystery to you only a short time before.

We make every effort to duplicate the actual work you may do later on in some job in the field. As I told you before some COYNE students have told us that

## Coyne Also Has Training Facilities for— Men and Young Men With Physical Disabilities

**F**OR many years COYNE has been training men and young men with physical disabilities, many of whom were sent here by various agencies. WE ARE MIGHTY PROUD OF THE ACHIEVEMENTS OF THESE MEN.

These fine fellows refused to believe their disability was a handicap and have proven it was not, by their accomplishments.

They have become HIGHLY USEFUL AND VALUABLE MEN in Industry and are making good as trained men.

### TYPES OF DISABILITIES TRAINED

**I**N recent years, we have successfully trained students with disabilities from many causes, some of which are listed here:

Infantile Paralysis	Brace Cases
Arrested Tuberculosis	Diabetes
Impaired Vision	Minus Hand
Minus Some Fingers	Minus Leg
Impaired Hearing	Loss of Eye
Curvature of Spine	Back Injury
Osteomyelitis	Cardiac
Stiff Leg or Hip	Minus Arm

### STUDENTS WITH PHYSICAL DISABILITIES NOT SEGREGATED

**S**TUDENTS WITH PHYSICAL DISABILITIES ARE NOT SEGREGATED because we have found that the inspiration these students have had working side by side with the more able bodied students, has been an encouraging experience for them.

### CONVENIENCES TO AND FROM CLASSES

**E**LEVATOR service is provided to all students who may have difficulty in getting to and from classes.

Those requiring use of crutches or cane can find this service very helpful in getting about the school.

Students unable to stand for any length of time are furnished stools while doing shop work.

### GRADUATE EMPLOYMENT SERVICE

**W**E would not think our job was done if we did not seriously consider this as one of our most important jobs.

*We have a highly specialized Employment Department whose duty it is to furnish every Graduate with every possible help and assistance.*

We make every effort through this Department to see that each student is satisfactorily placed in a position when he has completed his course. THIS SERVICE IS OFFERED AT NO COST, AT ANY AND ALL TIMES AFTER GRADUATION.

If you desire additional information about our excellent facilities for training students with physical disabilities, write me personally and I'll be glad to send you any further information. Should you know of any fellow who might be interested in COYNE Training, but might think his physical disability would prevent him from getting this training, I'll be glad to send him full information if you'll send me his name and address.

  
PRESIDENT

services to help him grow and advance in his job or in his own business.

**I WANT TO PARTICULARLY EMPHASIZE THAT THERE ARE NO EXTRA CHARGES FOR ANY GRADUATE SERVICES GIVEN TO OUR GRADUATES.**

Some folks wonder why we go to such great lengths in helping our Graduates. I'll tell you. After you have graduated from COYNE, I want you for a friend. COYNE, I want you to think of COYNE, not only as a place where you spend many happy hours preparing for your future, but also as willing to help and assist you with our Graduate Services whenever it is in our power to do so.

The greater success our Graduates make the more successful we'll be ourselves, for we know THAT ONE THING is largely responsible for the success of our school.

Satisfied Graduates will tell their friends and others about my school and they in turn will come to COYNE for their training. That is one of the important reasons for maintaining a highly efficient Department to help our graduates out in the field.

## Many Opportunities Ahead In Radio-Electronics

**T**O THE fellow who prepares today, RADIO-ELECTRONICS offers him the choice of many interesting types of work and many different jobs. On pages 2 and 3, I explained how COYNE "All-around" training prepares you to qualify for many interesting branches in the Radio-Electronics Field.

On the next page I outline some of the many lines of work the great field of RADIO-ELECTRONICS offers to men and young men who have an all-around training.

However, how much a fellow profits from these many opportunities depends to a great extent upon himself. To the fellow who merely dreams about them and does nothing, they will bring no returns. But to the fellow who prepares himself with an all-around training in RADIO-ELECTRONICS, there should be, in this great field, the interesting and profitable future he has pictured and planned for himself.

## Coyne Training Inspires Confidence

**H**ERE at Coyne, we believe that an important part of our work is to help a fellow develop self-reliance and teach him to think and reason things out in a practical way. This inspires confidence and gives the trained man the feeling that he has the knowledge and ability to go out and make a success in life.

## Now Read the Following Pages

**T**HE story of COYNE is an interesting one. On this page and the preceding pages of this book, I have given you the facts about my school. I have explained how Coyne training can prepare you for the great field of RADIO-ELECTRONICS. I've shown you actual pictures of fellows who are preparing for good jobs and real futures in RADIO-ELECTRONICS by the COYNE "LEARN-BY-DOING" method of training. If you have skipped over any of the previous pages I want you to go back and read them so you'll have full information about Coyne Training and how it can help you reach the success in Radio-Electronics you have dreamed of and planned for.

*Then, I want you to read the balance of this book. As you do so, study each page carefully. On these pages I give you the facts you want to know. I explain many phases of the training and service available to you as a student of Coyne. I also explain the nature of the services available to Coyne Graduates.*

when they left COYNE and went to work, it was just like stepping from one job to another, because the work they had in school was so much like that on their job.

## You Can Take Extra Time

**N**OW, let me make this point perfectly clear, too. The minimum time required for the course is 12 weeks.

This does not mean that a student is held to this time. We recognize the fact that each individual is different. One may learn quickly while another needs more time. Because we understand this important fact, a student is not pushed ahead if he needs more time, nor are other students held back because of slower students.

SO, IF A STUDENT WISHES TO SPEND EXTRA TIME IN ANY DEPARTMENT IN THE COURSE HE MAY DO SO. THERE IS NO EXTRA CHARGE FOR THIS PRIVILEGE.

## Coyne Backs You With Lifetime Graduate Services

**M**ANY schools after training a student would consider their job finished and let the graduate shift for himself. That's not the case at COYNE.

I have never felt that our job was complete unless we did everything in our power to help our Graduates not only get the job they want, but also to give them other services such as Consultation Service, Review Privileges, Merchandising Service, and many other services to help them advance in their jobs or in their own business, to reach the goal they had in mind when they decided to get COYNE TRAINING.

That's why I maintain a special Department to help and assist my Graduates in every way we can.

THE VARIOUS SERVICES I MAINTAIN FOR MY GRADUATES ARE EXPLAINED IN DETAIL ON PAGE 18. As I said, these services not only consist of Employment Service whenever a Graduate requests this service, no matter how long after his graduation and as many times as he needs it, but also many other

# COYNE TRAINING PREPARES YOU FOR MANY LINES OF WORK IN THE RADIO-ELECTRONICS FIELD.....

*because COYNE gives you an ALL AROUND TRAINING!*

**W**HILE the field of RADIO-ELECTRONICS is composed of what we might call many branches, IT IS NECESSARY TO HAVE MORE than a training in one or two particular branches.

You will find that if you are only familiar with one branch, you will be handicapped by not having an all-around training in other branches.

I believe you understand that each branch dove-tails into the other branches and while you might be familiar with one or two branches, some phase of the other branches are connected WITH ALL THE OTHERS and IT'S NECESSARY TO BE TRAINED IN THE ENTIRE FIELD.

*That is why we don't split our course into different branches, for we know if one is to get the full benefit of a training, HE MUST HAVE ALL-AROUND TRAINING IN THE DIFFERENT BRANCHES.*

*After he has this all-around training then he is able to pick the branch that appeals to him and because he has a general training, he is prepared to make a success of his training*

*Below I have brought out only a few of the many branches in the Radio-Electronics field.*



## Radio Servicing

**T**HIS is a tremendous field of opportunity for the trained Radio-Electronics man. The millions of Radio Receiving sets in use need frequent Servicing and Equipment replacements, requiring the service of men with up-to-the-minute training in this field. Scores of new Electronic Devices and Equipment will require the services of trained Radio-Electronics men. Coyne practical "LEARN-BY-DOING" training is designed to prepare you for the opportunities in this great field.



## Your Own Business

**I** KNOW of no other field that offers you as great an opportunity as Radio-Electronics, to go into business for yourself in a prosperous Radio Sales and Service shop with an excellent opportunity for future security and independence. Many Coyne Graduates found it possible as a result of the helpful service rendered by the school to open up a shop of their own with only a small working capital. Today, these fellows are established in their own Radio Servicing and Repair Business.



## Radio Manufacturing

**T**RAINED Radio-Electronics men are needed in the Manufacturing of Radios, Radio Parts, Tubes and other Electronic devices and equipment, for such good jobs as Phaser, Aligner, Assembly Man, Assistant Foreman, Foreman and Production Manager. Besides the manufacture of Radio Receiving Sets, and Radio parts, the manufacturing of scores of other Electronic Devices and Equipment offer many new opportunities for men and young men trained for this interesting type of work.



## Sound Work

**T**HIS interesting branch of Radio-Electronics offers profitable opportunities to men trained for this type of work. Besides the manufacturing and selling of many different types of Sound Equipment, there are excellent opportunities in installation, servicing and maintenance. The thousands of theatres throughout the country offer good jobs for trained Radio-Electronics men in Installing, Maintaining, Servicing and Repairing Sound Equipment to make possible this form of entertainment and service.



## Television

**T**ELEVISION promises to become as great an opportunity field as Radio itself. With new improvements and developments in Television, this field is expected to expand to the point that we will enjoy Television Broadcasts the same as we enjoy regular Radio Programs. Fellows who realize this and prepare by getting training in Television now, will get in on the ground floor of this newer development of Radio-Electronics—the opportunity field of the future to the trained Radio Electronics man.



## Correcting Radio Interference

**T**HE increasing use and application of Electronic, High Frequency and Vacuum Tube apparatus opens up additional opportunities. Power Companies employ trained Radio-Electronics men for location and correction of sources of Radio interference that may originate in their systems and equipment. Maintenance and repair of High Frequency Carrier Current Communications and Control Equipment also offers interesting and profitable opportunities for trained men.

## Auto Radio

**A**UTOMOBILE RADIO has become a great field requiring thousands of trained Radio men for Maintenance, Servicing and parts replacements in Auto Radios already installed in automobiles. Yet only about one-fourth of the millions of automobiles in the United States today, are equipped with Radios. Think of the splendid opportunities for trained men in the Sales and Installation of Auto Radios for the many millions of cars still to be equipped with Radios in the future.

## Radio Merchandising

**T**HERE are many thousands of Wholesale and Retail Radio Stores, Jobbers and Distributors of Radio parts and accessories. These concerns need from one to several trained Radio-Electronics men, depending upon the size of the concern, and offer splendid opportunities to trained men as Servicemen, Salesmen, Retail Buyers, Service Managers and Store Managers. Employers in this field realize the advantage of having trained, skilled Radio-Electronics men for these jobs.

## Factory Inspecting and Testing

**M**ANY of the parts for Radio and Electronic instruments must be made perfect to the thousandth of a degree. Final Inspecting and Testing of this equipment becomes an important procedure and Manufacturers need trained Radio-Electronics men with a knowledge of different types of modern Testing Instruments and Apparatus. Excellent opportunities are offered as Final Testers, Final Inspectors, Trouble Shooters, Factory Service Men, Assistant Foremen, Foremen, etc., to trained men.

## Public Address

**M**ANY large Department Stores, Factories, Hotels and Office Buildings have installed Public Address Systems. They are regarded as a necessity in Baseball Parks, Fair Grounds, Football Fields, Amusement Halls, Clubs, Schools, Summer Resorts, Bathing Beaches and other public places where music or advertising is intended to reach large groups of people. Many trained men are needed to Produce, Install, Adjust, Service, Maintain and Operate the vast amount of Public Address Equipment manufactured and used.

## Frequency Modulation

**T**HIS is another of the more recent developments of Radio-Electronics. Frequency Modulation or F.M. as it is more commonly known is the "noise-free method of Radio Reception". New research and developments in this field have improved this form of Radio Program reception to the point where it is expected to largely replace Regular Wave Radio reception. Think of the hundreds of new opportunities this should open up for trained Radio-Electronics men with a knowledge of this equipment.

## Telephone Amplification

**T**ELEPHONE Companies all over the country use thousands of Audio Amplifiers and elaborate Radio-Electronics apparatus and equipment in their central stations, offering additional opportunities to trained men and young men. This is another example of the many applications of Electronics and the opportunities it offers fellows with an all-around training in Radio-Electronics to prepare you for many opportunities and make your services more valuable.

# Coyne Stands Behind You And Aids You For Life Through Our Many Graduate Services

IT IS generally recognized that a school is a place of learning and its purpose is to give its students a training. Once a student has received this training, many schools feel they have done all that is expected of them.

However, I feel differently about my students. I FEEL THAT IT IS MY DUTY TO MY GRADUATES TO HELP THEM FURTHER IF IT IS IN MY POWER TO DO SO.

I want the good will of my graduates, not only just when they graduate but as long as they live.

A good part of our enrollment comes to us every year through the recommendation of our graduates.

While it is true we advertise in magazines that is not the only way we depend on to get students for our school.

IT'S OUR FRIENDS—OUR GRADUATES—THAT ARE RESPONSIBLE FOR A GREAT NUMBER OF ENROLLMENTS EVERY YEAR.

These graduates would not recommend their friends IF THEY THEMSELVES WERE NOT OUR FRIENDS.

That is one very important reason why we maintain the services we do for the graduates, after they have left our school and are in the field.

LET ME REPEAT ONCE MORE—when you come to COYNE we feel it our duty to give you the best training possible—BUT WE DO NOT STOP THERE—we feel it our duty to continue to help you in every way possible—NOT ONLY WHEN YOU GRADUATE BUT ALL YOUR LIFE—then we feel sure YOU WILL BE OUR FRIEND FOR LIFE.

Because I feel this way, I have organized a special department whose duty it is to help my graduates in various ways. Before telling you about these services which are available to COYNE Graduates, I want to point out that there is NO EXTRA CHARGE FOR ANY OF THESE SERVICES OUTLINED BELOW.

## Employment Service

THIS service entitles every graduate to employment help whenever he requests it. Before explaining the nature of this service, I want to make clear that COYNE does not guarantee or even promise any graduate a job. Neither do I feel that any fellow would ask me to obligate myself to make a statement that no



man could make and be honest, for anyone knows that there are too many factors involved for anyone to guarantee another a position.

However, my Graduate Department does give every graduate real assistance and uses every effort to help those fellows who request assistance in locating a job after they graduate. And, I am proud of the record of the department. I don't know of another school that has as efficient Graduate Employment Service.

Hundreds of calls for Coyne Graduates are received by the Graduate Department each year from employers in many parts of the country. When a call comes in a graduate in that locality is notified immediately. Many of the requests for men come from companies that have had experience with COYNE GRADUATES they employed before, or in response to circulars we send to several thousand employers periodically, or from other graduates who are in business for themselves or who hire men for the company they work for, or from employers that members of my staff have called on.

Also, in addition to these requests for men, we receive reports of new industrial expansions and developments from all over the country. This information is received when the plans are just being made and we notify graduates so they can get their applications in on the "ground floor."

But, this service doesn't stop with just telling a graduate where to go to find a job or even

with arranging an interview . . . we follow up the graduate's interview with special letters of recommendation. Every effort is made to impress the employer with the training the graduate has had and his value as an employee.

The success of my Graduate Employment Department and of my Graduates themselves is proven by the fact that the number of employers who call again when they need a man, is growing every year.

This same service will be open to you after you become one of my graduates.

## Review Privileges

THIS service permits any graduate in good standing to come back to school and review any training in the course for which he enrolled. From time to time new developments are occurring in the constantly growing field of Radio-Electronics. When we consider them a help to our students we add this training to our course. With your review privileges you are entitled to come back and get this training at no extra tuition cost.

## Consultation Service

THIS service entitles a graduate to technical advice whenever he requests it in connection with his daily work, whether he is in business for himself or employed in a job.

A graduate can get this service at any time by merely writing for it. Members of my technical staff give their personal attention to all requests for information and a reply is forwarded promptly. Graduates can ask for information or advice as often as they need it.

## Merchandising Service

THIS service is available to any graduate who goes into business for himself. We are glad to advise you in connection with your printing, advertising and sales problems.

We will, upon request, help you by referring you to sources for supplies and wherever possible we will help you in your purchases by getting you the best prices on your materials.

This is a valuable feature of our service for quite a few of our graduates go into business, and many times the help we give them is valuable, not only in promoting their business, but in preventing mistakes that might be costly.

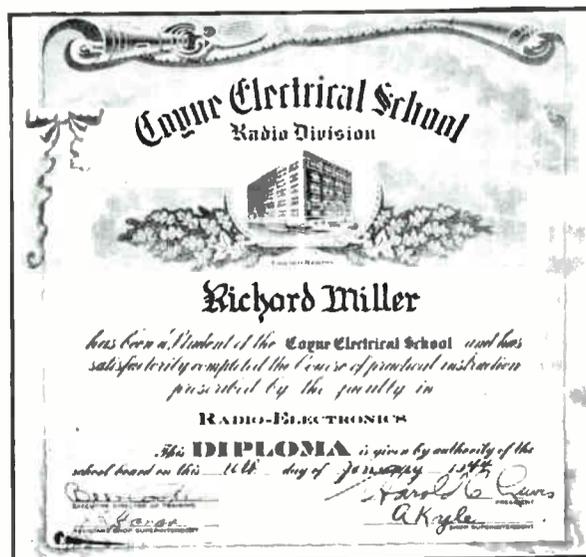
# WE WANT YOUR FRIENDSHIP BOTH AS A STUDENT AND A GRADUATE

FROM what I have already told you about COYNE, I'm sure you realize that every member of my staff will do his best to help you with your personal and shop problems while you are getting your training.

I have also explained how my Graduate Department will be ready to serve you after you end your training period and leave school.

I want your friendship and good will both while you are a student, then later on when you are one of my graduates. I have always felt that my duty did not end once a student's training period was over. I want every COYNE GRADUATE to feel that he is always a member of my school.

That is why, IN ADDITION TO GIVING EACH GRADUATE A DIPLOMA, I ALSO GIVE HIM A LIFE MEMBERSHIP entitling him to valuable privileges. Through this Life Membership, I make clear to my Graduates



that we are always ready to give them the same help and consideration when they are in the field as if they were still attending school.

During your stay with us and after you have graduated, you may find many little courtesies and helps rendered you that we do not even mention or promise you, because my entire organization is constantly striving to increase our service to our students and graduates. That is the policy all through the Coyne Family.

In short, I want every fellow who comes to my school to be satisfied. I feel that satisfied graduates will tell their friends and others about my school and they, in turn, may come to COYNE for their training.

That is my policy as head of COYNE. When you come here you will find that COYNE keeps its promise to give every student every possible assistance both while he is in school and then later on when he graduates and is applying his training in the field.

# Let Me Answer Two Important Questions

## First—"Do You Employ Salesmen?"

**F**IRST, let me say that I could not employ salesmen and pay them the commission they ask without adding this cost to the price of my training. It is my understanding that schools who employ salesmen pay them commissions amounting to anywhere from 25 per cent, and up, of the total cost of the course. This means that if I employed salesmen, I would have to pay them a commission amounting to at least one-fourth of the price of my training.

Now, I leave it to you to decide who would have to actually pay this commission.

It is logical to believe I would have to add this cost to my course or reduce the quality of my training to make up this expense. Well, I refuse to do either. This is one reason I do not employ salesmen.

You will notice on nearly all contracts a salesman asks you to sign, such a statement as this: "We are not responsible for any statement except the statements in our contract" or "This contract cannot be modified by any verbal or other agreement not contained in this contract." Why do concerns that employ salesmen put this clause in their contract? Well, I'll tell you. They know that sometimes a salesman may make untrue statements, statements that are not true facts. Well, in case there is an argument later on, and the prospect has been led to believe certain things that the prospect does not get, they can use this clause as a protection and say, "We are only responsible for what is in our contract and are not responsible for any statement made by our salesmen."

**A famous man once said**—"Never sign an order when a salesman comes to your home—always put off the signing for a day or so, when the congenial personality of a salesman is not there to guide your hand along the dotted line."

I do not mean to imply that all salesmen are actually unethical, but remember, the salesman depends upon his commission for a livelihood. When you sign a contract for a course of instruction or for merchandise, remember,

no matter how good his intentions may be, that after all, he has a mighty important personal reason for making the sale. Therefore, he cannot be a disinterested party. Salesmen are hired to get sales, so can you always really expect to get accurate information from anyone so situated that he is a very much interested party in selling you?

A salesman cannot tell you any more than a school can tell you in their literature and catalog. Then why is it necessary to send a salesman to see you when a school publishes this literature and it alone contains all the information you need?

Then, again, when you deal with the head of the organization you are more apt to find men who recognize the difference between a man who needs to be sold and one who wants to buy.

When you asked for my catalog, I sent it to you. With it, I also sent other information. All together this is the story of Coyne. A hundred salesmen couldn't, if they told the truth, tell you any more than is contained in my catalog and literature. All they could do would be to use their influence to high-pressure you into enrolling. This I would never permit.

When you enroll in my school I want you to do so purely on the facts. I want you to sit down in your home, with your own relatives, and make your decision, not influenced by anyone who is going to make a lot of money in making your decision for you.

What I have told you is the truth.

I want you as a student of COYNE. But I want you to make the decision. Then when you enroll you do so with all the facts before you and without the assistance of one who is going to make a nice fat commission out of your enrollment.

**That, my friend, is another reason I do not employ salesmen.**

**NOW, WHY IS IT NECESSARY TO SEND A SALESMAN OUT TO SEE YOU WHEN THEY PUBLISH A CATALOG THAT**

**GIVES YOU THE FACTS? ISN'T THE SALESMAN REALLY IMPLYING THAT YOU ARE NOT CAPABLE OF MAKING YOUR OWN DECISION, AND THAT HE MUST COME OUT AND MAKE IT FOR YOU—and by making your decision he is making a nice little commission for himself?**

I don't believe you need anyone to make your decision. I believe you are perfectly capable of doing this yourself. Because I believe this way, I give a fellow the facts, the true facts about my school. Then I leave it to him to decide.

**A salesman may tell you he came to see you to explain things more clearly or that he was sent by the President or he is a personal assistant of the President, sent to give you all the facts, or he may start knocking all other schools.**

**Then again, a school may call their salesman a "Vocational Adviser", and that they have this so-called "Vocational Adviser" somewhere in your locality so he can advise you on your plans, or even say he will examine you and if he finds you are not qualified for a certain field he will tell you to enter another one.**

**Now, don't be fooled by a statement of this kind for this so-called "Vocational Adviser" is, after all, most likely getting a commission if you enroll, or his income is based on the number of enrollments he gets, and doesn't that really make him a salesman?**

**Did you ever stop to think of this—why do schools call their salesmen, "Vocational Advisers", "Assistants to the President", "Registrars", etc.? Aren't they in reality trying to cover up the fact that they employ salesmen by giving them a high sounding name?**

## Second—"Can I Get Coyne Training by Home Study?"

**M**ANY fellows have wanted to know if COYNE had a correspondence or home study course. My answer is that COYNE Training is practical training on real equipment which is given to students right in our big COYNE Shops in Chicago. COYNE has NEVER ATTEMPTED TO GIVE PRACTICAL SUBJECTS LIKE RADIO-ELECTRONICS BY CORRESPONDENCE WITH ONLY BOOKS AND LESSONS.

We all know that there are some subjects that can be taught satisfactorily out of books. But I BELIEVE IT'S A DIFFERENT PROPOSITION WHEN IT COMES TO LEARNING A PRACTICAL SUBJECT LIKE RADIO-ELECTRONICS that requires the use of trained hands.

I assume you want a training that will prepare you for actual work on Radio-Electronics equipment. If I am right, then I feel you want a training that gives you the actual workable knowledge and experience to do this work.

If a fellow is to get a training that can be applied in actual Radio work, I believe he requires a TRAINING THAT WILL GIVE HIM ACTUAL RADIO-ELECTRONICS EXPERIENCE.

I do not believe any amount of book or lesson study can be a substitute for actual "LEARN-BY-DOING" Training.

### "Book Worm" vs. Practical Men

**I** HAVE known fellows who have gotten all their knowledge of a subject by simply reading books and lessons. These fellows I call "book worms."

However, I HAVE OFTEN FOUND THESE FELLOWS WERE THE KIND THAT COULD TELL YOU ABOUT THE THEORY OF A THING BUT COULD NOT PUT THIS THEORY INTO PRACTICE.

If I attempted to give you a training by correspondence or home study I would have to make some attempt to give you practical experience along with your lessons.

Now all I could hope to send you would be a few elementary devices, some wire and a few other gadgets. Then as simple as these things would be the only instruction I could give you would be from some printed lessons.

Just try and compare any equipment I could possibly send you, with a correspondence or home study course, with even the equipment in my Elementary Department. Then consider how this equipment would compare to other departments here at COYNE.

I will leave it to your judgment whether or not such material that I could send to a student would give him the necessary practical experience he wants and needs.

Then here is what I consider the most important point of all.

Here at COYNE YOU NOT ONLY GET PRACTICAL EXPERIENCE ON A VAST AMOUNT OF RADIO-ELECTRONICS EQUIPMENT, but YOU HAVE PERSONAL INSTRUCTION AT ALL TIMES FROM MY LARGE STAFF OF EXPERIENCED, PRACTICAL INSTRUCTORS, WHO ARE WITH YOU AT ALL TIMES DURING YOUR TRAINING.

If I attempted to give you this instruction from lessons, then you would have to dig out the problems from a set of lessons which would be a series of lessons prepared and printed exactly alike for every student, whereas perhaps each student has different problems that I feel can only be properly handled by personal, individual contact with experienced instructors.

So, I'll leave it to you as to whether I could hope to give you a course of correspondence or home study that would even approach the training you get HERE AT COYNE ON ACTUAL RADIO-ELECTRONICS EQUIPMENT. Many fellows come to me every year who have tried to learn by correspondence but who discovered they were not getting the experience they needed. I do not believe any amount of book or lesson study alone, can ever replace actual practice and experience.

# Radio-Electronics Training offers you the opportunity to get the things you want in life.

## Here are **10 BIG REASONS** Why You Should Get This Training at **COYNE**

**W**HEN you are choosing a training there are several important things to consider. But, **THE MOST IMPORTANT THING TO KEEP IN MIND IS—YOU ARE MAKING A LIFE TIME INVESTMENT.** It is preparation to make the best use of your ability. Its purpose is to take you out of the low-pay, long hour, bossed-around type of job. It should be your best insurance against unemployment. And, in the years ahead, your training should enable you to get all those things you want for yourself and your loved ones . . . a car . . . a nice home of your own . . . an education for your children . . . and the other things that go to make up a full and happy life.

For these reasons you can't afford to gamble with your future, you owe yourself the best training you can get **FOR IT IS SOMETHING THAT YOU ARE GOING TO HAVE ALL YOUR LIFE.**

A fellow might find a school that has a course for less money, but isn't it a fact that **YOU GET ABOUT WHAT YOU PAY FOR IN THIS WORLD?**

I could give you a course for less money if I took out certain features in my course. I could very easily take out two or three sections. I could cut down on my equipment and most important of all, I could cut down on the service and the help I give you both as a student and as a graduate. These services are not, strictly speaking, a part of the training, but I am convinced that they are important. **FOR ALL THESE THINGS GO TOGETHER TO MAKE YOUR TRAINING VALUABLE ALL THROUGH YOUR LIFE.**

I have always felt that the actual training given to my students (which must be the best) is after all only a part of my obligation to them. I feel that it is just as important to give them every possible help and assistance not just while they are in school, but also **AFTER THEY GRADUATE . . .** and not just for the first few months after they leave school, but for the rest of their lives—whenever they want it.

I want to call your attention to the many features included in my course, and I believe that after considering each one of these very carefully you will be satisfied that the money you pay for a training at COYNE is an investment that can pay you dividends all your life. Now I want to give you 10 important reasons why you should select COYNE for your training:

### **First:** **COYNE TRAINING IS "LEARN-BY-DOING" TRAINING.**

At COYNE you learn by doing actual shop work on real Radio-Electronics equipment—the same type that you will expect to work on out in the field after you finish your training. You are **NOT** limited as to the time you have to complete the course, and you don't have to get up before a class to recite. Every student advances according to his own ability.

### **Second:** **A TREMENDOUS OUTLAY OF EQUIPMENT.**

You are trained on one of the largest outlays of Radio-Electronics equipment of any similar school in the

### **2 POINTS TO REMEMBER**

**No. 1.** You **DON'T NEED PREVIOUS EXPERIENCE IN RADIO** to master Coyne training. Many of our students never had a day of actual experience.

**No. 2.** On the other hand, many of our students **HAVE HAD PREVIOUS EXPERIENCE IN RADIO.**

Yes, they may have even been working in Radio.

However they had only a "one operation" job, and probably **WERE ONLY FAMILIAR WITH ONE OR TWO BRANCHES OF RADIO.**

These fellows realize they must have all-around Radio training if they wanted to get the better jobs and advance in their work. **THAT IS WHY THEY CAME TO COYNE.**

**NOW IF YOU HAVE HAD NO PREVIOUS EXPERIENCE IT MAKES NO DIFFERENCE—YOU CAN STILL MASTER COYNE TRAINING.**

**IF YOU HAVE HAD PREVIOUS EXPERIENCE YOU NEED COYNE TRAINING ANYHOW.**

If you have had previous experience and are familiar with certain parts of Radio, you will not have to take this work again, providing you can prove you know it and pass the examination.

country—equipment that is modern and up to date, as well as some of the older equipment that you will find is still being used in many places.

### **Third:** **OVER FORTY-FIVE YEARS EXPERIENCE.**

COYNE was established way back in 1899 and has a background of over 45 years experience in training men and young men for better jobs. Hundreds of successful COYNE Graduates are proof of the thoroughness and value of COYNE TRAINING.

### **Fourth:** **COYNE TRAINING LASTS A LIFETIME.**

Yes, COYNE training will last the rest of your life. Every COYNE Graduate gets a Life Membership which entitles him to return at any time and review his entire course or any part of it, or take up new phases that have been added to the course for which he enrolled. And . . . just as soon as new developments in the Radio-Electronics Field reach the point where I think a knowledge of them would be of value to my students, it is my policy to add them to my course and keep COYNE Training up to date.

### **Fifth:** **YOU ARE TRAINED IN ONE OF THE WORLD'S GREATEST RADIO CENTERS.**

COYNE IS LOCATED IN CHICAGO, one of THE GREATEST RADIO CENTERS IN THE WORLD and students have the opportunity to get their training in this great Radio-Electronics Center.

### **Sixth:** **COYNE HAS A GREAT ORGANIZATION.**

COYNE is not a one-man organization. I am mighty proud of the COYNE Staff. They are all real fellows and most of them have been with me for

many years. They are practical men, and each is thoroughly familiar with the work in his department. You will find all of them friendly, sincere, patient and understanding, and always ready and willing to help you with your problems. You are given every service **WHILE A STUDENT**, such as personal attention in the selection of your living quarters and the benefit of our advice and experience with other school problems.

### **Seventh:** **COYNE OFFERS LIFETIME EMPLOYMENT SERVICE TO GRADUATES.**

After you graduate, you are given employment service whenever you request it as long as you are in good standing . . . not just to help you get a job right after you leave school, but anytime later when you want to change jobs. You just register with my Graduate Department, telling us where you want to locate, etc., and we will immediately give you our assistance in locating a job for you. I don't know of another school that has a Graduate Employment Service as efficient as COYNE's, and we don't charge a cent for this service. These services are fully outlined on page 18.

### **Eighth:** **CONSULTATION SERVICE AND OTHER GRADUATE SERVICE.**

As a COYNE GRADUATE your LIFE MEMBERSHIP also entitles you to **CONSULTATION SERVICE** whenever you wish it. By this, I mean that whenever you run into any problem connected with your work after you leave school, you can write in to the Graduate Department and explain what you want. Then they will work out a solution and send it to you without any charge. This service can make you more valuable to your employer, for he may have a problem that needs this service. Also, there are many other graduate services such as the COYNE Graduate News, which is published just for Coyne Graduates and thus keeps them informed of new developments in the field. And, the COYNE Employment Bulletin which informs graduates of new projects and other employment possibilities. Then there is the Graduate Manual and other publications gotten out just to help the graduate.

### **Ninth:** **WE VALUE THE GOOD WILL OF OUR GRADUATES.**

I want you as a friend today, even though you haven't yet enrolled in my school. I will want you as a friend after you have become one of my students. But—most of all—I **WANT YOUR FRIENDSHIP AFTER YOU HAVE GRADUATED AND I EXPECT TO HOLD IT THEN, TOO.** Yes, we value very highly the good-will of our graduates, for we know **THAT ONE THING** is responsible for our success. We are vitally interested in seeing that our graduates make good.

### **Tenth:** **COYNE HAS A NATIONAL REPUTATION.**

COYNE has a national reputation for fair dealing and square-shooting methods. I don't quote you a price on my course which sounds low and then when you get here tell you that is for only part of the course, and if you want it all you'll have to pay so much more. No, indeed! The price I quote is for my entire Radio-Electronics Course and includes all the features outlined on the Enrollment Blank. When you pay for a course at COYNE you will never have to pay another penny for this training and you will get all the services I have outlined on this page, as a student and as a graduate at **NO EXTRA COST.**

**I WANT** you to consider carefully all of these important facts I have told you here. I want you to realize that when you come to Coyne nothing is going to stop us from giving you every help within our power to make you a success, **BECAUSE I WILL DEPEND UPON YOU AFTER YOU GRADUATE TO RECOMMEND MY SCHOOL TO YOUR FRIENDS.**

# Important Questions Asked and Answered

## Here Are My Answers to What May Be Your Questions

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. Do you employ salesmen?

Absolutely not! I want the message of my school to come direct to you from me. If I were to employ salesmen, I would have to pay them a large commission and in the end my students would have to pay more for my training. I prefer to pass this saving on to my students.

### 2. When is the best time to enroll?

My school is in session all year. In addition to the individual, practical shop training here at Coyne, there are some very important instructor's lectures and equipment demonstrations, including sound motion pictures, which must naturally be given in logical sequence. So every student can start at the beginning of a period and get this training in logical sequence. WE HAVE A DEFINITE SCHEDULE OF STARTING DATES. New students can start on any scheduled Starting Date shown on our Starting Date Schedule.

### 3. What do you mean when you say "Practical Training"? 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. We don't condemn books if they are properly used to further one's knowledge of theory or for reference purposes or to keep posted on events or happenings, in fact, in some cases we recommend certain books for these purposes. Our instruction, however, is on actual Radio-Electronics equipment. 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. COYNE IS PRACTICAL, BOTH IN PRACTICE AND THEORY. As I have said, we do not condemn books, we even advise our students to use good reference books on the subject they are interested in.

### 4. Is your building modern and fire-proof?

Absolutely; our building is of modern steel and concrete construction, light on all sides and ventilated. We occupy every foot of the building for our own use.

### 5. Is your building centrally located?

Only a few minutes from the loop and still right in the heart of the Radio-Electronics Industry. Chicago is one of the world's greatest Radio centers.

### 6. What does your course cost?

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

### 7. What are your educational requirements?

All we require is that a fellow have a common school education. While some of our students have had a high school education, many others have not. If you have had a common school education, you can master Coyne Training.

### 8. Do I need previous experience?

No! Previous experience in Radio is not necessary and many of our students have had little or no previous experience. On the other hand many of our students had been working in Radio—some of them for years—but they found their knowledge of the field was not broad enough—they had a knowledge of certain branches only—they lacked all around training. They have come to Coyne and then with the knowledge they may have had before PLUS Coyne training, they were equipped for better jobs.

### 9. What are your age limits?

We have students as young as 16 years of age. I have always believed the fellow who decides what he wants to do early in life and follows through while he is young, has a big advantage. Many of our students are much older and some are as old as 45. These fellows have learned they should have gotten a training when they were younger, but when they realized they needed a training they didn't let the fact they neglected it when they were young, stop them. They CAME TO COYNE AND BECAME TRAINED MEN AND MADE GOOD, even though they had wasted time before. It's not how young or how old you are, but what you know and can do that counts.

### 10. 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 progress as he himself is able to, so far as his shop work is concerned. If you have any problems to take up with the instructors, you take them up personally with them.

### 11. Do you grant a diploma?

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

### 12. Does every student complete the regular course?

While the time required for our regular course is 12 weeks, I would suggest that you plan on spending 18 weeks in our shops so you can get the extra training in Industrial Electronics and Electric Refrigeration, which I now include with my regular course, AT NO EXTRA TUITION COST. Both of these subjects are very important and offer many opportunities now and will offer many more when the war is over. So, by all means, plan on taking the extra time necessary to get these extra Departments which I'm now including AT NO EXTRA TUITION COST.

### 13. Will I live near the school?

Our Boarding places are within 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 within walking distance, and some students live there.

### What should my expenses be?

I have made it possible for my students to get comfortable living quarters and wholesome meals at a low cost as explained in the literature I am sending you with this catalog.

Then, laundry should not run over fifty to seventy-five cents a week. All tools are loaned to you at no charge. Then you will need \$19.00, which covers a set of shop prints, diploma, beginner's outfit and other items needed in your training.

### 15. Do you have facilities for students with physical disabilities?

Yes! Some students who have physical disabilities are sent to Coyne by various agencies. The loss of an eye, arm or leg may not prevent you from taking my course and benefiting from it. We have excellent facilities for handling these students. See page 16 for further information regarding our facilities for students with physical disabilities. If you have any disability, be sure and write us about it, before you come to school, then I'll be glad to advise you and tell you if it will prevent your benefiting from my training.

### 16. Do your students go to church?

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.

## Instructions on Your Arrival in Chicago and Other School Information

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 on the days and hours mentioned below.

Monday and Thursday from 7:30 in the morning, until 9:00 o'clock at night.

Tuesday, Wednesday and Friday from 7:30 in the morning, until 6:00 o'clock in the evening.

Saturday from 8:30 in the morning, until 12:00 o'clock noon.

However, on both SATURDAY and SUNDAY JUST BEFORE A MONDAY WHICH IS A STARTING DATE, the School Office is open all day from 8:30 to 4:00 P. M.

Many of our students prefer to come in on the SATURDAY OR SUNDAY BEFORE THE STARTING DATE THEY SELECT.

Therefore, if you prefer to come in on either SATURDAY or SUNDAY BEFORE THE STARTING DATE YOU SELECT, we will be here to greet you and get you settled and all ready to start on THE MONDAY YOU SELECT TO START YOUR TRAINING.

Should you arrive in Chicago at any other time than the hours outlined here—then take a Yellow Cab and tell the 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.

### School Information

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

Shop Hours—The shops are in session every day in the year, except Saturdays, Sun-

days and Holidays. The hours are 8:30 A. M. to 4:30 P. M., 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 while they are getting their training.

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

Health—I consider the health of my students to be a very important factor in their stay with us. We have our own physician and trained nurse, and the slightest illness is reported to us by our approved rooming houses and is given immediate attention by our physician or nurse.

Money—We supply students with deposit privileges at the office. Money deposited with the School Cashier may be drawn during school banking hours. 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 Post Office money order.

# Our Student WELFARE DEPARTMENT Will Make You Feel at Home

**T**HE 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

**W**HEN 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

**Q**UITE 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

**T**HEN, 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 or 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

**W**HEN 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 some students like to stay.

Room and board can be had for the lowest possible price, as outlined in the literature sent with this book. 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.

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

**T**HE 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 occasional 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

**N**O 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.

We encourage fellows who have been attending Church at home to continue this excellent practice during their stay here at Coyne. However, attendance is purely voluntary—no student has to go unless he wishes to. It's a matter of personal choice.



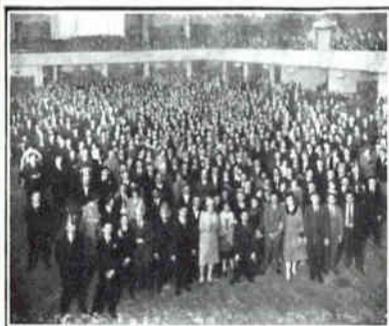
A typical student crowd being entertained by a group of celebrities.



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



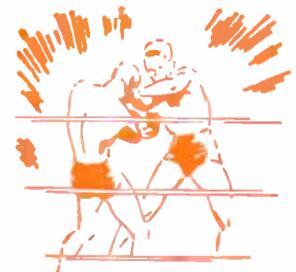
## A Letter from a Mother

"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.

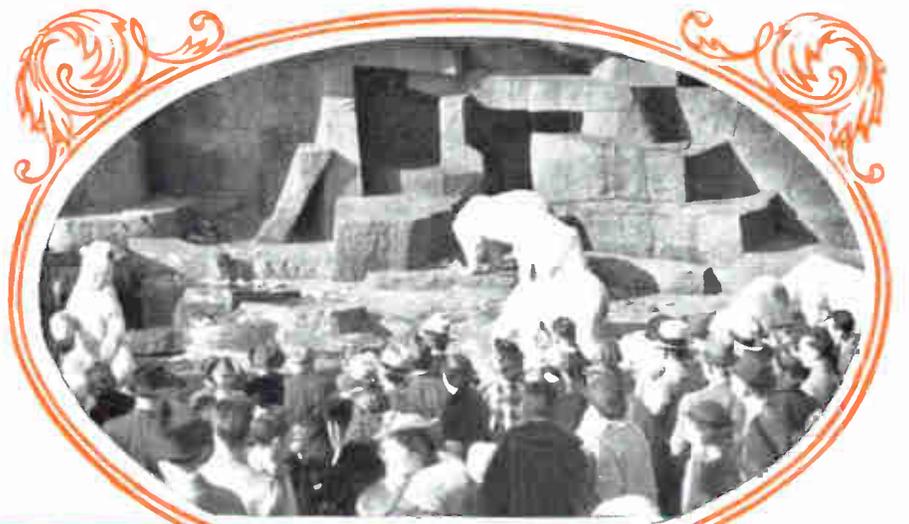
Across the miles, I clasp your hand and wish you all the best in life. May health and happiness be yours as you continue the noble work of inspiring young men and bringing cheer to anxious Mothers."

Sincerely,  
LENA CONBOY.



# Beautiful CHICAGO

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



Above: Polar bears at the Chicago Zoological Gardens where many kinds of wild animals may be seen in their native surroundings.

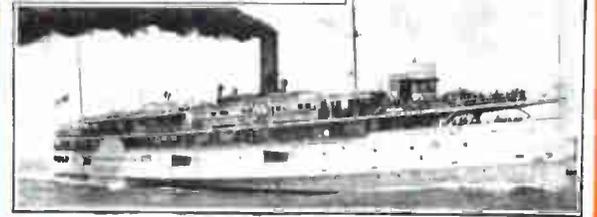


Chicago has nearly 30 miles of bathing beaches fronting beautiful Lake Michigan.

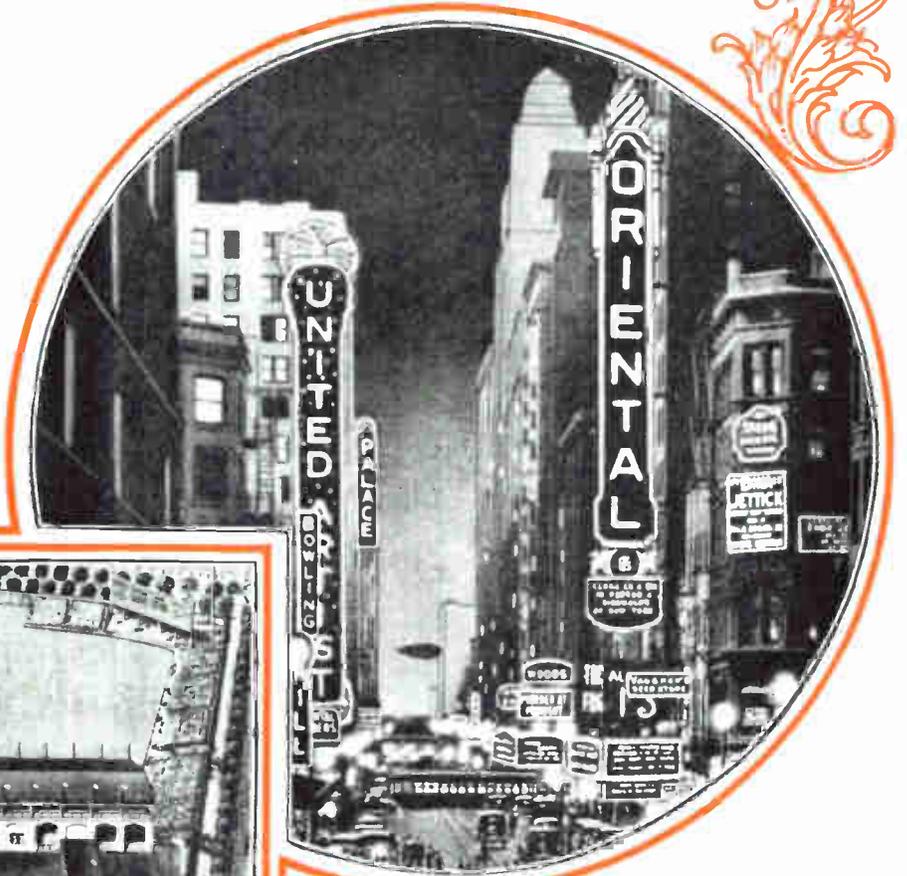
Chicago has many beautiful churches of all denominations.



Above: The million dollar Buckingham Fountain.

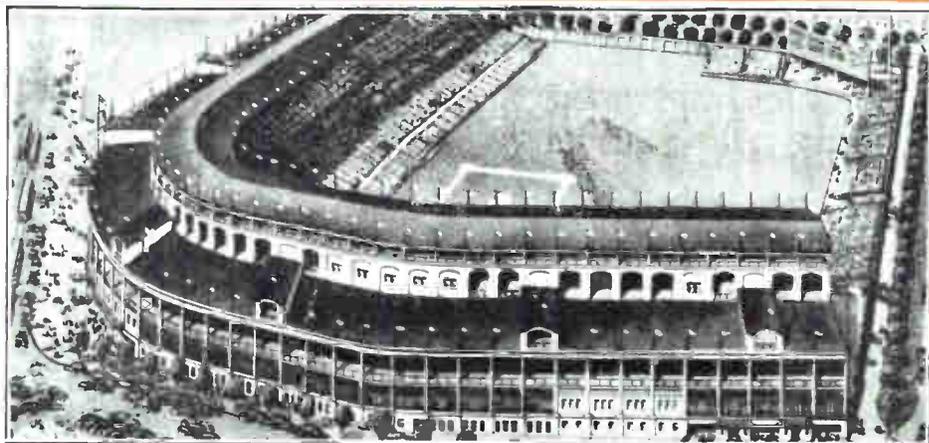


Right: Holiday excursion on beautiful Lake Michigan.

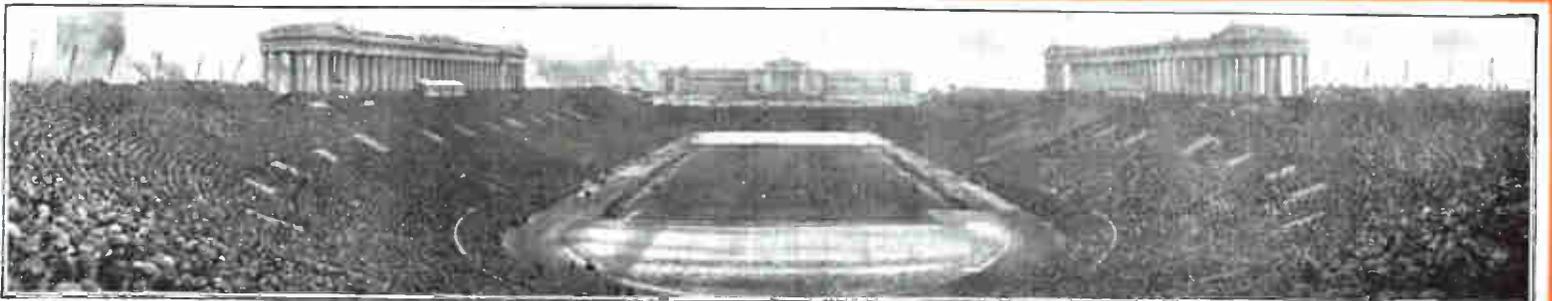


Looking down Randolph St.—Chicago's Theatrical Rialto.

Wrigley Field,  
Home of  
Chicago "Cubs"



A typical  
football  
crowd at  
Soldiers'  
Field  
Stadium



# My Personal Message

## To Fellows Between 16 and 45 Who Want To Get Ahead

**A**S I go through life, I meet so many men that are failures, men who from all appearances should have been successful.

In almost every case, one thing in their life stands out above everything else. They never had a definite goal in life.

They started out in life with no idea of what they wanted to follow. They were anxious to get a job. No particular job except one, as they put it, "that offered them a future."

Well, when a fellow looks for a "job" and is willing to take anything that, as he says, offers him a future, right then and there, I believe, he is admitting he has no aim in life. HE IS REALLY SAYING, "I haven't the slightest idea what I want in life but I'll try this and if it fails, I'll try something else."

Well, this fellow very rarely ever succeeds and as he fails in one place and goes to another, and finds it no different, then he begins to feel there isn't much opportunity for him.

This fellow may go from one job to another, or he may, in many instances, stick to the first job he got, or even worse, he may be out of work most of the time. In EITHER EVENT THE YEARS ROLL ALONG AND HE HAS MADE NO PROGRESS. In the meantime, he may have gotten married and have a wife and children to support. By this time he has responsibilities that require the income from a good job to meet. The job he has may come a long way from supplying this income, but by this time he may not be able to do the thing which might have been easy before.

Yes, I have met many men in my life that come under this class—so have you; you will find them any place you go.

Then too, a fellow may take some "ONE-OPERATION" job in good times that may pay him a good salary just because of unusual conditions.

Then when things slow up he may find the job he has held, and which paid him a pretty good salary, BECAUSE OF THESE CONDITIONS, WILL NO LONGER EXIST.

THIS FELLOW WAS NOT THINKING OF HIS FUTURE—he was only thinking of the present.

IF HE HAD BEEN THINKING AHEAD HE WOULD HAVE PREPARED HIMSELF BY TRAINING TO HOLD A GOOD JOB IN GOOD TIMES—THAT WOULD STILL BE A GOOD JOB IN BAD TIMES.

Well, as I have said, in almost every case you will find one dominating thing in their lives—THEY NEVER KNEW WHEN THEY STARTED OUT WHERE THEY WANTED TO GO. THEY NEVER HAD A DEFINITE GOAL.

### Your Future Should Be Carefully Planned

**W**HEN a man builds a house, he must first get plans for that house. These plans show the workmen step by step how they are to proceed. By following these plans, that man will eventually have a home that was planned and laid out even before one minute's labor was spent in building it.

When a fellow starts out in life, HE TOO SHOULD MAKE HIS PLANS. He should FIRST SELECT THE FIELD he wants to follow. Then he should plan the course he must follow in order to arrive at the goal he has set in his chosen field.

When he has selected a field of work, he must never let anything swerve him from that goal. HE SHOULD FIRST OF ALL PREPARE HIMSELF BY TRAINING TO ENTER THAT FIELD.

THAT FELLOW WILL HAVE CHARTED HIS COURSE and have a definite aim in life. That is the fellow who will make a success in life and be one of the few who stand out in his own community as the one who has made a success.

Later on when that fellow has become successful, a lot of people may say he was lucky, or "he is no smarter than I am, yet he was successful, and I am not." Well, the chances are that he isn't any smarter than the failures WITH ONE EXCEPTION.

HE WAS SMART ENOUGH TO MAKE A DEFINITE DECISION. He made a plan and he FOLLOWED THROUGH UNTIL HIS PLAN WAS COMPLETED. That is probably why he is suc-

cessful, while the other fellow, who had just as much ability but failed to prepare himself, is a failure in life.

Now, I've spoken of the young fellow starting out in life. Well, there are a lot of fellows that may have started years before with no goal in life. He has jumped from one thing to another. He may be 21 years old—25 years old or even older. This fellow should not lose hope even if he has lost valuable time. He can still get ahead and make good, if he makes up his mind he isn't going to lose any more time.

This fellow should say to himself, "I've wasted a lot of time but I'm not going to waste any more, I'm going to get started now."

If he does he can make good and make up for the time he's lost and be a successful man with a real future before him.

### There Are Many Opportunities For Young Men and Older Men in the Field of Radio-Electronics

**W**HILE it's true that the best time for any fellow to prepare for his future is when he is young, still because a fellow is older, this doesn't deprive him of success by any means. I could tell you of many fellows past the age of 30 who came to COYNE and are successful graduates today and making good. These fellows didn't think they were too old and they didn't let their age stop them.

My students range from 16 to 45 years of age. Just because a fellow may not have been successful before is no reason why he can't be successful when he is older, if he will prepare himself.

Tremendous opportunities lie ahead for men between 16 and 45, who can see what the future means.

Can you picture what this means in the months and years ahead? Can you see the untold opportunities ahead for the fellow who sees this picture today? MEN WHO ARE TRAINED—young men and older men will be needed in the huge Radio-Electronics Industry in what is perhaps one of the greatest developments America has ever known.

STOP A MOMENT and think of what I've said.

THEN STOP ANOTHER MOMENT AND THINK WHAT THIS CAN MEAN TO YOU.

Now, I've brought out some mighty important facts—facts that can mean a lot if you will heed them. I don't believe you are a fellow who is going to be satisfied to sit by and watch the other fellow be the only one who profits from opportunities ahead.

I believe you recognized these facts when you asked for information about my school. I believe you also recognized the opportunities these conditions will bring in the Radio-Electronics field.

### Trained Radio-Electronics Men Vitaly Necessary

**O**N PAGES 2, 3 and 17, I have told you of opportunities in the many branches of Radio-Electronics and on other pages of this book, I have explained how COYNE Training prepares you to take advantage of them.

With my catalog I have sent you my other literature that tells you of the offers I am making to make it possible for a fellow to get my training with the least possible outlay of money.

Many fellows who receive my catalog may not have had the chance to prepare themselves before.

They may have failed in life because they were at a loss to know just how to get started.

COYNE offers this fellow, whether he be 16 years old or 45 years old, the chance to prepare himself for a better job and a happy and successful future.

Because I believe you are sincere and want to get ahead, I feel you will be here in my school at a very early date—preparing yourself to take your place in the giant Field of Radio-Electronics.



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

**I**N the pages of this book I have told you how you can get a Radio-Electronics Training and prepare yourself for a better job and a future.

You want to make more money.

You want the good things in life.

**Radio-Electronics—the Opportunity Field**, offers these advantages to those who will prepare by training for them.

I am sure there can be no doubt in your mind but that the practical, “LEARN-BY-DOING” method used at COYNE offers you a better and quicker way to get this training.

You are ambitious, of that I am sure.

But, **one can be ambitious and still be a failure**, if they do not take advantage of opportunities when they come their way.

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

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

**Radio-Electronics** is a **Field of Opportunity**—COYNE is the key that can help to open the door to that opportunity.

The message contained in this book **COMES DIRECT FROM ME**, because I wanted **YOU** and **YOUR FOLKS** to have the facts.

I have shown you how **men and young men** are trained in **Radio-Electronics** here at **my school**.

I have told you of the services I am ready to give you **BOTH AS A STUDENT AND AS A GRADUATE** after your training is over.

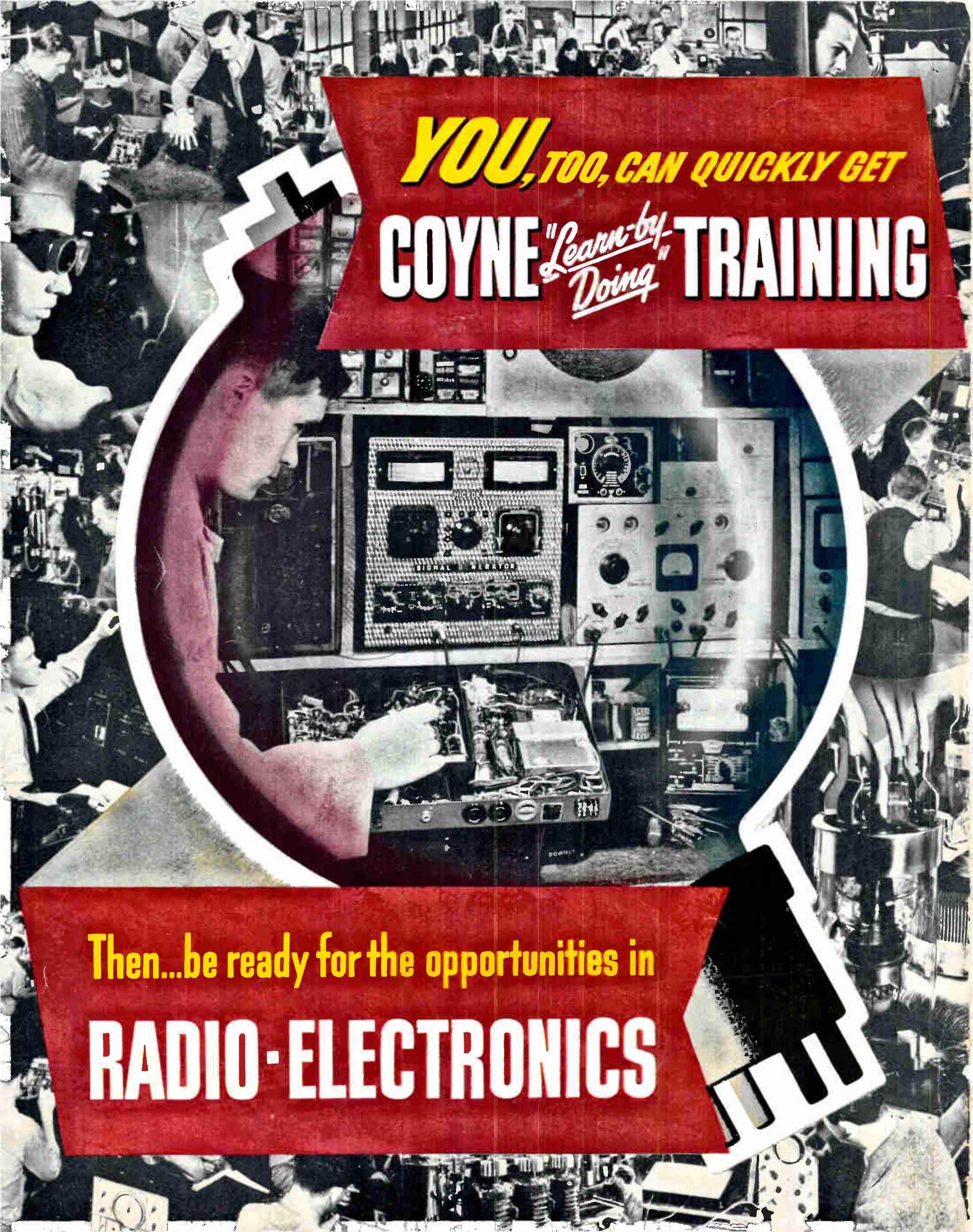
**I DO NOT EMPLOY SALESMEN**. I want **YOU** to make **YOUR OWN DECISION**.

The training, the personal help and services given to so many other fellows who came to my school **ARE NOW OFFERED ALSO TO YOU**.

My entire staff is here to help you and I know you'll find them the finest bunch of fellows you ever met, working one and all in your interests both while you are in school and after you graduate.

**AS PRESIDENT OF COYNE, I AND MY ENTIRE STAFF OFFER YOU A HEARTY WELCOME TO COYNE.**

PRESIDENT



**YOU, TOO, CAN QUICKLY GET**  
**COYNE *"Learn-by-Doing"* TRAINING**

Then...be ready for the opportunities in  
**RADIO-ELECTRONICS**