

Industrial skills for free at NMYC

As our national economy industrializes, the demand for skilled workers and technicians becomes tighter and tighter. Consequently too, the pay for skilled workers grows higher. The National Manpower and Youth Council trains for free, unemployed adults and out-of-school youths in various trade skills. Below, its major course offerings are listed. Take advantage of this free training. For particulars, go to the National Manpower Skills located along South Superhighway, Taguig, Rizal. Get started now!

AUTOMOTIVE MECHANICS

THE COURSE deals with the basic principles, processes and operations involved in the automotive industry. It includes intensive training in repair, service and maintenance of both gasoline and diesel engines. It also provides instructions on the principles of the fuel system and engine tune-up, power train, steering system and suspension. The course seeks to develop the manipulative skills of the trainees on body repair, general overhauling and trouble shooting under varying conditions. It is intended to prepare the trainees for interesting and well-paid jobs in the field of automotive.

Opportunities

THE PRODUCTION and importation of more cars and engine-powered machines require a big number of trained service and repair men. Job opportunities are many for an automotive mechanic. To be an automechanic is a stepping stone to greater things. From there, the mechanic can move up to become service manager, parts manager, or sales manager of an automotive shop or dealer agency. He may someday be able to open a shop of his own and have other people work for him. Or if he has a good knowledge of automobiles, plus the desire to meet people, he may become an automotive salesman or a field representative of parts manufacturers. He might move up to be a representative of an automotive manufacturer either within the factory or in a region. And he might even be invited to come into the factory where he would have the opportunity to work his way up through the offices or production departments.

Working conditions

AS A CLASSIC trade since man mastered the use of motorized vehicles to

transport his goods and himself from place to place, cutting long-distance, travels to short pleasurable journeys, an automechanic could not be glamorously dressed at work. With greasy coveralls, he has to crawl under chassis or open the hoods of vehicles to tinker with oily engines. He has to operate a set of mechanical tools, hydraulic presses or at times climb mammoth equipment stalled at working site. But the mechanic derives pleasure from the thought that he can run vehicles to move man, money and material from stagnation that may put the nation's economy to a stand still. Today automechanics are well paid in big service shops.

ELECTRICAL TRADE

THE COURSE in electricity deals with basic principles, installation, maintenance and repair of light and power circuits. It involves the installation and repair of motor driven equipment like appliances and machineries. A trainee is required to concentrate in any specialization to enable him to get a job after completing the training requirements.

Opportunities

NUMEROUS FIELDS in electricity sprout out as a result of our growing agro-industrial economy. In addition, the government has launched a massive rural electrification program which will eventually create opportunities for electricians and electro-mechanics. This gives rise to different training schemes which are offered in various centers.

On completion of his theoretical and practical training in any field of specialization, the trainee may become an electrical serviceman. Residential and industrial building wiring installer, factory electrician, appliance repairman, switch board and instrument mechanic:

the current electives being offered as replacement for subjects that require work will be abolished.

Among the new subjects to be offered next semester are agriculture, industrial, fishery, business, trade, automotive and other vocational subjects that will help instill love of work



RONALD LUNA

motor, transformer and generator rewinder are some of the job opportunities awaiting the trainee.

Working conditions

ELECTRICITY is the modern-day genie doing numerous things to make the life of man enjoyable and comfortable. Carelessly handled, however, it is hazardous and dangerous. In its uncontrolled state, electricity has claimed lives and in most cases, through defective wiring, the source of conflagrations.

To tame the power of electricity, to make it turn the wheels of industry for the benefit of mankind and nations, there is a great need for electricians and electromechanics who consider the practice of safety a primary concern of their jobs. This requires intelligence, presence of mind while at work, following the rules and regulations and adhering to standards in electrical works.

ELECTRONICS

THE COURSE prepares the trainees for entrance into the electronics industry as radio and television servicemen, and other specialized fields like business machines, electronic computers and communication systems.

The course provides for a thorough study of the fundamentals and principles of electronics, and the application and practices of the same in the operation and servicing of radio and television receivers. It also involves the use of test instruments and trainers in experiments and practical operation. It includes the fabrication of radio receivers, tube and semiconductor devices, plus actual servicing of radio and television sets.

Opportunities

A RADIO and television servicing trainee, after obtaining practical work experience can service any kind of radio and television sets, either vacuum tube type or transistorized. He can be employed as serviceman in medium shops or servicing outlets of manufacturers, or establish his own service shop. In industry, he may become a designer of radio sets, a quality control technician, or an assembler-operator of TV sets. He is ready for entrance to other related field in electronics such as a business machine operator/technician and communication equipment operator/technician. As a

proprietor, he can eventually engage in assembling radio and TV parts or sets on his own or by sub-contracting with manufacturing firms.

Working conditions

Trainees in Electronics use basic trainer apparatuses and test instruments in laboratory experiments or exercises in probing electronic fundamentals. Actual radio and television receivers and a complete set of hand tools and power equipment are available for efficient servicing and fabrication works.

The trainees work on laboratory tables equipped with complete set of test instruments which they actually use in the analysis and operation of components, circuits, stages and systems in electronics.

MACHINE FITTING

THE COURSE is designed to prepare the student in metal fabrication of machine parts with special emphasis on metal machinery, heat treatment and material testing. It gives him the necessary knowledge in related theory and develops his manipulative skills in the use of the lathe, milling machine, shaper, surface grinder, drill press and other machine shop tools and equipment. The trainee is acquainted with the proper operations, safety and maintenance of metal working machines

Opportunities

A MACHINIST's trade has many opportunities for promotion. Every machine-shop foreman must have been promoted from the ranks. Practically, every superintendent and every master mechanic of any industry manufacturing metal goods of any description is a machinist. Many draftsmen and successful manufacturers were once machinists.

Working Conditions

THE HAZARDOUS nature of industrial machine tools has long been recognized. So, from the very beginning of his apprenticeship, the young man must learn to work safely. He must understand that working with other people in the shop is his business and that to keep himself as well as those working with him from accidents is also part of his attitude toward safety.