

MCKINLEY TRADE AND INDUSTRIAL ARTS SCHOOL

SENIORS OF VOCATIONAL EDUCATION INSTITUTION ARE PLACED IN POSITIONS ALMOST IMMEDIATELY

Of the Total Number of Graduates, There Is Not a Single One Who Is Not Now Either in School or Employed. During the Entire Depression, No Pupil Has Been on Relief. What Better Recommendation Needed?

Number of Industrial Plants in Wheeling Now Refuse to Hire Apprentice Machinists Who Have Not Had Machine-Shop Training in Some Vocational Institution, if Such Trained People Are Available

By BLANCHE McDOWELL NEFF

This list of McKinley Trade school graduates comprises about 97 per cent of the students who have finished courses in the school during the past six years. It was compiled about February 1 of this year and there may be a possible error or two due to the boys having changed positions but the deviation is slight. Of the total number of graduates, there is not a single one to the knowledge of the heads of schools, who are not now in school or employed. There is not a single graduate on relief.

There are a number of industrial plants in Wheeling now that refuse to hire apprentice machinists who have not had machine-shop training, if such young people are available. Typographical Union No. 78, Wheeling, has now decided not to take in apprentices who have not had trade-school training.

The following list of graduates of McKinley Trade school have been placed on positions: Jack Linville, Ackermann Manufacturing Co. Paul Leach, Auto mechanic, Bruce H. Seabright, Edward Mathews, Continental Can Co. Thomas Tufel, Hazel Atlas Co. Ray McGrath, Auto mechanic. Packard Auto Co. Roy Cassel, Truck driver. Coal Co. Wm. Bauer, Auto mechanic, Hudson Motor Car agency. David Hull, Auto mechanic (own business). George Smith, Auto mechanic (own business). Louis Flakowski, Ohio Valley Hospital. Albert Wenzel, Truck driver. Wenzel Packing Co. Mike Jacovetty, Wheeling Steel Corporation. Stanley Jaworski, Wheeling Ice Plant. Edward Chmlel, Hub Department Store. Joseph Klemas, Pajama Factory. Vincent Kretzer, Garage 37th street, Wheeling. Clotis Tuttle, J. E. Miller Transfer Co. Ted Burns, Wheeling Tire Co. Leo Narnic, Wheeling Steel Co. Paul Dargis, Marx Toy Factory, Glendale, W. Va. John Dawson, Hopkins' Motor company. Harry Neiter, Wheeling Tire Co. Francis Fise, A. & P. Grocery company. Jack Kessler, Wheeling Steel Co. Francis Soddors, Dulaney Miller Motor company. Frederick Teuple, Commercial Printing company. Wallace Haldsda, Continental Can company. Oliver Shott, Moundsville Garage. Everett Howard, Sears Roebuck Co. Emil Zelenski, Auto Mechanic. (own business, Moundsville). Francis Diss, Wheeling Corrugating Co. Clarence Gosney, Wheeling Stamping Co. George Kabala, H. L. Seabright company. Edward Roth, Roth Grocery Co. Elmer Venoska, Wenzel Packing Co. Albert Diotti, Auto mechanic, Eshany garage. Emil Schumra, H. L. Seabright company. John Cupinski, Wheeling Window Cleaning Co. Francis Doran, Truck driver, Emmerth's Baking Co. Louis Dess, Wheeling Corrugating Co. Walter Dietrich, Pavlack Auto Wrecking company. Albert Gross, Myers Garage, Wheeling. James Gosney, Conner Plumbing Co. Elmer McLaughlin, Clarke Garage, Warwood. Frank Brovski, Wheeling Tile company. Edward Brovski, Wheeling Tile company. Charles Beals, Tri-State Metal Co. Wilbur Mires, Wetzel Meat Packing Co. Robert Zimmer, Wheeling Steel Corporation. Robert Packer, Packer Cleaning company. Wilbert Bach, Wheeling Box Co. Paul Berlsford, Truck driver. Michael Siewny, Wheeling Corrugating Co. Wilbur Martin, Stone & Thomas. Robt. Farley, Stone & Thomas. Steve Koranick, Continental Can company. George Dierkes, Western Union. Geo. Manners, Wheeling News. Alvin Castilow, Wheeling News. Bernard Gaus, Wheeling News. Eugene McCutcheon, Wheeling Intelligencer. Elmer Venoskoske, Wenzel Packing Co. John Becker, Benwood mill. William Snyder, Bloch Brothers printing department. Leo Lavy, West Virginia Printing company. John Solby, American Oil and Gas. Anthony Januski, Yorkville mill. Berne Huggins, Stratford Spgs. Harold Ducker, Stratford Spgs. Wilbert Burke, G. P. O., Washington, D. C. Jos. Wurtzbacker Court theater. Steve Salata Anderson Printing company. Norman Ritz Anderson Printing company.

Nick Kappos, Owl Print Shop. James Marshall, Zane Cleaners. Mike Simmons, Wheeling Corrugating company. Philip Korshial, Continental Can company. Joe Suter, Bernhardt Clothing company. Gene Mullarkey, Wheeling Corrugating company. Lewis Hehr, Printcrafters. Quinters Knight, Wheeling Novelty Print shop. Charles McCoy, Wheeling Novelty Print shop. Frank Harrigan, Ohio Valley Lithographing Co. Vincent Lopre, Wheeling Steel Corporation. Richard Irvin, Smith Print shop. Fred Templin, Commercial Print shop. David Mikers, Short Creek Garage. Joffre Roberts, Pittsbrgh Auto Equipment Co. Jos. Spangler, Auto mechanic. Cloverdale Dairy Co. Jos. Zumpetto, Radio entertainer, WVVVA. Jack Radcliffe, Peter's Insurance company. Wm. Conners, Reichart Furniture company. John Bannock, Wheeling Bronze Casting Co. Frank Sinkora, Wheeling Corrugating Co. John Loughhead, Ackerman, Mfg. company. Chas. Parsons, Weirton Steel company. Henry Loew, Continental Can company. John Heller, Warwood Tool Co. Edmund Okulianis, Wheeling Tile company. John Cunningham, Continental Can company. Charles Mathews, Continental Can company. Jack Hennon, Wheeling Corrugating company. Cecil Connor, Wheeling Corrugating company. Thomas Cross, West Virginia Match company. Edmerl Norman, Ohio Valley Battery company. William Clark, Wheeling Corrugating company. Charles Lemons, Warwood Armature company. James Schrebe, Warwood Armature company. Joseph Nethaus, Warwood Armature company. Gerald Kase, Warwood Armature company. Edward Miller, Gee Electric company. George Palowick, Island Electric company. Stanley Tomeryk, Island Electric company. Wilbur Pebler, Radio service man, Segra Roebuck company. William Vogler, Radio Service man (self). Howard Miller, Crow Electric company. Russell Heise, Continental Can company. Harold Nesline, Ackermann Manufacturing Co.

Paul Flanagan, Wheeling Machine Products company. Richard McGilton, Wheeling Machine Products company. William Oberle, Continental Can company. Frank Cox, Continental Can Co. Jos. Dourr, United Grocery Co. David Livingston, Windsor Power company. Paul Raab, Marsh Stogie Co. Thomas Miller, Center Foundry company. Walter Williams, Continental Can company. Edward Schellenberg, Continental Can company. Vincent McGrail, Dry cleaners. Emil Kalonski, Painter. Michael Siewny, Wheeling Corrugating company. Pete Wrabel, Theatre. Steve Puella, Plumber. Edward Okulianis, Wheeling Tile company. William Stoize, Electric business (self). James Dierkes, Durst Confectionery. Thomas Cross, West Virginia Match company. Joe Kline, Ohio Valley Battery company. Harry Thomas, U. S. Steel Corp. Geo. Patylos, Continental Can company. Jack Westwood, Violinist in orchestra. Feta Yurisich, Coal miner. John Gushay, Detroit auto plant. Charles Bear, Tri-State Metal company. Clyde Thiele, Aircraft Co. Bernard Hillenbrand, Chauffeur. Jule Ripley, Oil Field. William Bernhardt, Garage. Ed. Binkowski, Corrugating Co. James Barte, Farmer. Orval Ebelling, C. C. C. camp. Steve Kanit, Garage. Charles Kirch, Mechanic, Ohio Valley Milk company. Edmund Tuskey, Costanzo Coal company. Francis Dess, Wheeling Corrugating company. Charles David, Detroit Spring company. Francis Stanley, Chauffeur. Fred Lunair, Western Union. Thomas Lobes, A & P Co. Albert Diotte, Bethany Garage. Leo Bober, Oglebay park. Max L. Binkowski, Costanzo Coal company. Stanley Gorch, Costanzo Coal company. Joseph Gogul, Jefferson, Ohio, farmer. Clarence Gossett, Coca Cola. Boone Oliver, Clarington Garage, Ohio. Robert Riley, Pittsburgh Auto Equipment company. Emil Lelinski, Own Garage. Glendale, W. Va. Henry Dupke, W. Va. Match. Dick Mooney, Garage. Bill Marti, Wheeling Corrugating company. Joe Kietner, U. S. Army. Francis Hill, East Wheeling garage. Gerald Smith, Garage. Wilbert Young, Navy.

INSTRUCTORS OF VOCATIONAL EDUCATION

Principal

Assistant Principal

Printing Instructor



L. E. KAY -By Photocrafters



WM. B. CONNOLEY -By Photocrafters



HUPP E. OTTO

Mr. L. E. Kay, upper left, is the principal of McKinley Trade School and Supervisor of Industrial Arts in the Wheeling schools. He has been affiliated with the educational development in this capacity for eighteen years. Mr Kay received his industrial education at Indiana University, Ohio University, West Virginia University, and was awarded a B. S. degree at Indiana State College. He will further his education with six weeks' work at Indiana University this summer. For several years, Mr Kay was principal of

the night school at Wheeling high school. He is in charge of all the vocational work in the city. Mr Wm. B. Connoley, center, is assistant principal of McKinley Trade school and has been with the school since it was started in 1926. Not only is Mr. Connoley well equipped for the position theoretically, but he has had extensive and valuable practical education. He attended Carnegie Tech, West Liberty, Ohio University, West Virginia University, New River State and Massachusetts Institute of Technology. For seven years he was employed in

an executive capacity with the American Steel and Wire company at Donora, Pa.; two years with the United Coal and Coke company, Sunnyside, Pa. Mr. Hupp E. Otto, upper right, holds an exalted position not only in Wheeling but in the whole state. He is the best printer in West Virginia and is president of Wheeling Typographical Union. He has been a superior printer for thirty years and was employed with the "Wheeling Register, the Wheeling News, and Wheeling Intelligencer, and has held this position for a number of years.

Highest National Honor Granted Trade School In 1932

AWARD OF MERIT

This is to Certify that *McKinley Trade School Wheeling, W. Va.* has been awarded the AWARD OF MERIT for the most excellent exhibit of

LINOLEUM BLOCK PRINTING

at the Eleventh Annual Conference on Printing Education, at Washington, D. C., June 27, 28, 29, 1932.



This reproduction speaks for itself. Industrial schools from every state in the Union were represented at this conference and Wheeling should be proud of the distinctive honor bestowed this school. In view of the fact that McKinley Trade School has been in operation but ten years, six years at the time of the award, proves that vocational training in the schools merit praise second to none.

BRIEF HISTORY OF WHEELING'S SCHOOL OF PRACTICAL TRAINING

SCHOOL ORGANIZED TEN YEARS AGO HAS MADE RAPID STRIDE DESPITE LOCATION, LACK OF FUNDS, AND INADEQUATE MEANS OF TRANSPORTATION

THE SCHOOL OF TOMORROW WILL CONTINUE ITS GUIDANCE LONGER AND RELEASE IT MORE GRADUALLY THAN THE SCHOOL OF TODAY. EVERY BOY FITS

McKinley Trade School is located at Forty-fourth and Eoff streets in a building formerly used as an elementary school. It was organized and formally opened for its first year's work October 4, 1926, with an enrollment of approximately 50 students. This enrollment has grown until during the school year of 1932-33, 180 boys were enrolled. Only two trades were offered to boys who enrolled at the opening of the school. They were auto mechanics and electrical construction. A short time later printing was added and the enrollment was increased during the year to 70. Financial Curtailment The enrollment this year is about thirty less than the number enrolled during the year 1931-32. There are a number of reasons for this small decrease in the enrollment. The Board of Education found it necessary, because of curtailment of its budget, to discontinue the payment of transportation for pupils living above Twenty-ninth street. This affected 80 students. They were unable to provide their own transportation because of economic conditions in the homes. A number of others were forced to seek R. F. C. work to help meet the family needs.

Other Subjects Many other phases of industrial education are taught which correspond to and are in coordination with this branch of schooling. Drafting is a required subject in each course and each boy is required to spend one-sixth of his time thus. Related mathematics is important and compulsory. Text books are used for reference only and the actual problems are worked out in the relativity. The boy should be given the idea that his work is real and not bookish. Related science is made practical and applicable as possible to the various trades taught. The curriculum is based on related experimentation, covering, motion, speed and velocity, force, energy, power, work, machines and friction mechanics of gases, mechanics of liquids, heat magnetism and current electricity. Experiments of a practical nature based on measuring instruments, machines, friction stresses and strains, gear ratios, horsepower, etc., have been prepared and are performed in the class room, in the laboratory, in the shop, or out of doors. These experiments are made, then written up by each boy and turned in to the instructor for checking and grading. Other subjects include English, physical education which includes swimming and indoor games at Ritchie gym, football and volleyball, geography, history and civics, and public speaking.

State and Federal Aid McKinley Trade school receives aid from the state and federal government under the provisions of the Smith-Hughes Act or Congress. Under these provisions each boy must spend at least three hours each day in actual shop work. The other three hours are spent in related academic work. School must be in session at least nine months of each year. Entrance Requirements The entrance requirements are: The applicant must be over 14 years of age, and must have finished the seventh grade. McKinley Trade school was the first of its kind in the state of West Virginia and is now the only one of

fering more than one trade in its course of study. Retail Selling Course Wheeling also pioneered in the Retail Selling course. An employment survey set-up showed that one employee in the clerical field to seven in retail selling was needed. To correct this condition, a course in Retail Selling was offered. This course was run on a co-operative basis as far as possible under present economic conditions. About 40 pupils spent half of each day in various stores in the city. The course has been retarded but better business will prove most valuable and in time will be one of the most popular courses in the school.

TEACHERS AND HONOR PUPILS

MCKINLEY TRADE SCHOOL TEACHERS GIVE PERSONAL SUPERVISION OF ALL WORK PUPILS ARE GRADED ACCORDING TO WORK; NO FAVORITISM SHOWN

No small amount of credit is due the instructors of this outstanding school. They are men who are not only well educated, but men who understand the needs of these boys, and who give unstintingly of their time and energy. They are: Mr. L. E. Kay, principal; Mr. Wm. B. Connoley, assistant principal; Mr. Hupp E. Otto, printing instructor; Mr. H. C. Mitchell, English, Electrical Science and Mathematics; Mr. Charles W. Mitchell, automobile mechanics; Mr. John Treweek, drafting and related drawing; Mr. H. G. Martin, related science and mathematics; Mr. H. S. Kessler, automobile machine shop.

MCKINLEY TRADE SCHOOL IS EQUIPPED WITH PRACTICAL APPLIANCES



Upper left is a picture of the electrical shop. Upper center, the school. Upper right, Robert Kettler, senior at work in the auto mechanics' shop. Lower left, printing shop. Lower center, also the printing shop. Lower right, auto mechanics' shop.

The Electrical Course is one of the most popular in the Trade School. The work is developed along three lines: Electrical wiring or construction, power wiring and winding, and radio work. The course starts the boy in with the simple circuits. These are first installed on wiring panels on a small scale, giving the student practice on connections, in neatness, and in economy of materials. After the boy masters

the circuits and rules, he installs the job in a section, or all of a skeleton or frame of a house built in the shop. The training program includes practice in and a thorough knowledge of: Bell and annunciator wiring, telephone wiring, knob and tube wiring, non-metallic sheathed cable wiring, armored cable wiring, rigid conduit wiring, metal molding wiring, power wiring, and testing, repairs to electrical appliances and to motors,

transformer and buzzer construction, operation, connections, and calibrations, a study and knowledge of underwriters' rules, and practical electrical theory. The course in radio is open only to advance boys and includes the theory, repair and construction of all kinds and makes of radios in the regular and shortwave bands. Printing The purpose of the Printing Course is to give a boy a general fundamental knowledge of the art

of printing and to acquaint him with the high standards of trade achievement. Each boy, in addition to receiving practical shop printing, studies English, spelling, science, drawing and mathematics as applied to the printing trade. Extensive practice in straight-hand composition with all the theory of the correct uses of spacing, proper justification, the point system, common styles and sizes of type, spelling, punctuation, and proper word-division. Later the

boy does a variety of jobs chosen from among the more simple printed forms. Auto Mechanics The program of instruction in the Automotive Shop of McKinley Trade School is based on three phases of the automotive industry. After the students have been introduced to the fundamentals of theory and shop work, they are given a general working knowledge of the motor vehicle. Finally, various specialized portions of

the trade are presented. Grading is done in the shop on three basis: First, where the work was done a laboratory car; Second, the work was done on a production car with instruction or help from the instructor; Third, the work was done on a production job without instruction or help from the instructor. Satisfactory completion of a total of 364 jobs are required of a boy in the auto shop before he is given a diploma.

STUDENT COUNCIL HAS DONE MUCH TO IMPROVE APPEARANCE OF SCHOOL WM. SMITH AND C. ALBERT HAVE CAPABLY SERVED IN RESPECTIVE CAPACITIES. The Student Council of McKinley Trade School has taken great strides in improving the appearance of the school. They have erected bulletin boards, signs, and sponsor the canteen in the downstairs laboratory. William Smith is president of the school and Chris Albert is secretary.

McKinley Craftsman The McKinley Craftsman is issued by students of McKinley Trade school and is made up and printed by the students. Joseph J. Elward is managing editor; John L. Sligo, advertising manager; Paul J. Ruckl, sports editor. CENTRAL LOCATION This school should by all means be more centrally located. It would give more boys this much-needed opportunity to better equip themselves for a better life through limited financial transportation.

PRES. AND SEC. STUDENT BODY

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