

Workforce Development & Training Program Partners



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A TECHNICAL COLLEGE
SCRANTON • PENNSYLVANIA

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WorkForce

LACKAWANNA

Workforce Development & Training Program

CNC/MACHINING PROGRAM

www.scrantonchamber.com

Customized Training Programs

Experienced Educational Partners

Individual Training Accounts

On-The-Job Training (OJT)

Pre-Employment Skills

Job Search & Placement Assistance

Job Listings & Referrals

The greatest asset of Lackawanna County is the quality of its workforce. Employers relocating or expanding within the county are receiving eight to ten job applications per position. New employers are amazed at the high level of quality applicants. Turnover and absenteeism in Lackawanna County are very low, with worker productivity being very high. Workers on many skill levels are available and easily trainable.

Through the partnership of The Scranton Plan, the industrial marketing arm of the Greater Scranton Chamber of Commerce, Johnson College, Lackawanna College and the Pennsylvania CareerLink, the *Workforce Development and Training Program* has been designed to benefit business and industry by assisting in the skills development of existing employees, increasing employee productivity, and accommodating the growth of relocating and expanding employers.





Workforce Lackawanna provides economic development and training services to assist relocating and expanding businesses in growth and development, increasing productivity, and enhancing employee skills. Training and services are high quality, cost effective, customized and convenient. Employee training can be done in-house or on the campus of our education partners.

Lackawanna County's educational community is superbly suited to implement a comprehensive training program. For the NatWest (now Bank of America) project, our educational partnership designed a training program to the bank's specifications. New computers were purchased, labs were built, and a specialized curriculum was developed. Our partners have also implemented comprehensive training programs for Procter & Gamble, CINRAM, and General Dynamics.

Lackawanna College in coordination with Johnson College has custom designed a training program geared toward the manufacturing industry sector. Through the partnership of Workforce Lackawanna, employees can receive training in the areas of CNC and Machining.



The Machine Trades program prepares students to work in all aspects of the machining field. The Computer Numerical Control (CNC) component gives students experience in setup and operation of CNC lathes and milling machines, as well as manual programming. The Computer-Aided Design/Computer-Aided Machining (CAD/CAM) component of the course gives students experience in programming CNC machines using computer generated programs. The courses cover safe operating procedures for hand tools along with other machines particular to the trade. Hands-on practice for engine lathe, milling, and grinding operations enhance the theory on setup and operation.

TESTIMONIALS

"After losing my job of 35 years, Johnson College trained me to find a job in a new field. The training I received, both academic and hands-on in the shop, prepared me to find a job in the machine trades. I would recommend Johnson College to anyone looking to attend a technical college."

Conrad Kelechowa
CNC Machine Operator
Pocal Industries, Inc.

"I am writing this letter to thank you and your team of great instructors for all the help and support during my training at Lackawanna College. The Computer Skills Training Certificate Program aided me in getting my current job at Bank of America as an Operations Representative. I am very happy that I came to Lackawanna College for training. I appreciate everything that you did to help me build my computer skills."

Gergana G. Madenova
Operations Representative
Bank of America

"After twenty-six years of working in a factory, it closed. I started working there right out of high school and had no other training. Johnson College's Continuing Education Program provided me with the training and ability to get a job that surpassed my former pay scale. The classes were very informative and geared toward adults. I would recommend it to anyone."

Lynn Sexton, Jr.
Grind and Balance Room
Flowsolve Pump Division

CNC/MACHINING ONE-YEAR CERTIFICATE PROGRAM COURSE OUTLINE

Soft Skills and Information Technology Curriculum

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|--------------------------|------------------|
| •Communications Skills | 45 hours |
| •Team Building | 15 hours |
| •Health and Safety | 10 hours |
| •Computer Technology | 70 hours |
| •Math | 45 hours |
| •Quality Assurance | 15 hours |
| •Employment Expectations | 15 hours |
| •Tours | 15 hours |
| •Job Finding Skills | 15 hours |
| •Career Success Skills | 15 hours |
| Soft Skills Hours | 275 hours |

Technical Skills CNC/Machining Curriculum

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| •Tool Safety and Usage | 100 hours |
| •Basic Engine Lathe Set-up and Operation | 150 hours |
| •Basic Milling Machine Set-up and Operation | 150 hours |
| •Surface Grinding Set-Up and Operation | 100 hours |
| •Computer Numerical Control Lathe Set-up and Operation | 100 hours |
| •Computer Numerical Control Milling Machining | 100 hours |
| •Computer Aided Design/Computer Aided Machining | 100 hours |
| Technical Skills Hours | 800 hours |

TOTAL PROGRAM HOURS 1075 HOURS

Training Breakdown:

Lackawanna College - 275 hours
Johnson College - 800 hours