



Training Program Bio

BASIC INFORMATION			
Training Provider:		LIFT	
Training Program:		CNC Operations	
Training Location:	1400 Rosa Parks Blvd. Detroit, MI 48216	Clinical Location: <i>If Applicable</i>	N/A
Phone Number:	(734) 462-2090	Website:	https://lift.technology/facilities/
Description of Training Program:			
<p>LIFT's CNC Operations program prepares students to operate CNC mills and lathes. Utilizing curriculum aligned with NIMS machining standards. This course covers machine maintenance, safety, blueprint reading, measurements inspection, cutting tool assembly, geometrical dimensioning, applied mathematics and tolerancing (GD&T). The program combines self-paced online learning (completed on and off-site) with hands-on project-based learning in the LIFT Learning Lab. Students translate detailed drawings into production measurements, perform set-up, calibration, and maintenance for all equipment and control speeds, material feeds and cut paths. Parts/tolls are produced from metal, plastic, or other materials and inspected to ensure it is manufactured to tolerances and defect free.</p>			
PROGRAM REQUIREMENTS			
High School Diploma/GED:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Reading Grade Level:	7th	Math Grade Level:	7th
Drug Screen:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Criminal Background Check:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<i>If yes, which types of convictions are not allowed?</i>		Felony Convictions	
Valid Driver License:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Other Requirements:		None	
Required Supplies Available through Detroit at Work: <i>(For more information, contact your Detroit at Work Career Coach)</i>		Please contact Detroit at Work about available supplies.	

TRAINING EXPERIENCE			
Number of Weeks:	17	Number of Total Hours	252
Schedule:	Monday-Friday: 8 AM - 5 PM	Training Delivery:	Hybrid (Online & In-Person)
Maximum number of students in each class:	12	Number of students for each instructor:	12:1
Is there an exam required at the end of the training?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

PERFORMANCE	
Percentage of students who complete the training program. (Completion Rate)	Not Available
Percentage of graduates who are placed in employment related to their training within 120 days of completing the program. (Training Related Placement Rate)	Not Available
Percentage of students who complete the training program and earn an industry recognized certification or license. (Credential Attainment Rate*)	Not Available

* Credential Attainment Rates may vary depending on information submitted.

PROGRAM COMPLETION	
Credentials graduates earn.	Measurement/Materials Safety, CNC Lathe Ops, CNC Mill Ops
Occupations graduates will be prepared to enter.	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic, Machinists, Computer Numerically Controlled Tool Operators
Average wage of graduates in these occupations.	Not Available

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