Statewide Real Time Labor Market
Manufacturing Pathway Summary
December 2014





The ***Machining*** career pathway comprises five occupations: *CNC Programmer, CNC Machine Tool Operator, Automation/Control Technician, Drafting Designer,* and *Precision Machinist*. Employees in these occupations develop programs in the language of the machine controller to guide processing of metal or plastic parts by automatic machine tools and equipment; revise programs to eliminate errors and retest for results; build, install, test, and maintain robotic equipment and related automated production systems; prepare detailed working diagrams of machinery and mechanical devices with necessary engineering information such as dimensions and fastening methods; and set up and operate machine tools, including computer-controlled machines or robots, to produce precision parts and instruments. Job vacancies reported are statewide totals over the past twelve months.

CNC Programmer

Number of Vacancies	Permanent Full Time Jobs--Percent
69	86%

Top 5 Skills	Job Ads
Computer Numerical Control	44
Machining	28
Computer-Aided Drafting / Design	20
Lathes	16
Mathematics	15

Top 5 Credentials	Job Ads
NA	

Top 5 Employers	Job Ads
Job Finders	3
Pace Industries Incorporated	1
Triumph Group Incorporated	1
Fike Corporation	1
Reyco Graning LLC	1

Preferred Experience	Job Ads
Less than 2 Years	16%
2-5 Years	71%

Typical Job Titles

CNC Programmer Machinist, CNC Operator Programmer, CNC Programmer, CNC Programmer Mastercam, CNC Lathe and Set-up Programmer, CNC Programmer Technician

Missouri Annual Wage

Entry:	Average:	Experienced:
$32,927	$47,056	$54,121

CNC Machine Tool Operator

Number of Vacancies	Permanent Full Time Jobs--Percent
258	74%

Top 5 Skills	Job Ads
Computer Numerical Control	146
Machining	119
Machine Operation	81
Lathes	61
Mathematics	56

Top 5 Credentials	Job Ads
Forklift Operator Certification	2
National Career Readiness Certificate	2

Top 5 Employers	Job Ads
LMI Aerospace Incorporated	5
Blount International	4
Rotometrics	4
Seyer Industries Incorporated	2
OPW Fueling Components	2

Preferred Experience	Job Ads
Less than 2 Years	58%
2-5 Years	39%

Typical Job Titles

CNC Machine Operator, CNC Machinist, CNC Operator, CNC Lathe and Mill, Machine Operator, CNC Set Up Machinist, CMM Programmer, CNC Machinist Programmer

Missouri Annual Wage

Entry:	Average:	Experienced:
$26,015	$35,435	$40,146

Automation/Control Technician

Number of Vacancies	Permanent Full Time Jobs--Percent
39	87%

Top 5 Skills	Job Ads
Robotics	39
Repair	34
Programmable Logic Control Programming	24
Machinery	15
Schematic Diagrams	11

Top 5 Credentials	Job Ads
NA	

Top 5 Employers	Job Ads
Magna International	3
Computer Sciences Corporation	2
Advanced Technologies	2
PepsiCo, Inc.	2
Briggs & Stratton	2

Preferred Experience	Job Ads
Less than 2 Years	39%
2-5 Years	48%

Typical Job Titles

Robotics Technician, Process Controls System Mechanic, Maintenance Technician, Robotic Repair Technician, Electronics Technician, Robotic Engineer, Controls Technician

Missouri Annual Wage

Entry:	Average:	Experienced:
$33,580	$49,916	$58,083

Drafting/Designer

Number of Vacancies	Permanent Full Time Jobs--Percent
339	45%

Top 5 Skills	Job Ads
Computer-Aided Drafting/Design (CAD)	169
AutoCAD	157
Microstation	49
Mechanical Drafting	33
Piping Systems	28

Top 5 Credentials	Job Ads
American Society of Mechanical Engineers Certified	6
Computer-Aided Design (CAD) Certification	3
Licensed Professional Surveyor	1

Top 5 Employers	Job Ads
Burns & McDonnell	6
URS Corporation	3
Austin Nichols Technical Search	3
BIS Industrial Services, Inc.	2
CDM Smith Inc.	2

Preferred Experience	Job Ads
Less than 2 Years	34%
2-5 Years	39%

Typical Job Titles

CAD Operator, Mechanical Designer, Mechanical Drafter, Design Drafter, Electrical Drafter, Piping Designer, Drafter, Civil Drafter, Drafter Designer, CAD Design, Senior Drafter

Missouri Annual Wage

Entry:	Average:	Experienced:
$34,752	$49,787	$57,305

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Sources:

Data for this analysis has been extracted using Burning Glass Technologies, Labor/Insight™ tool that collects information from over 17,000 web sources, including job boards, newspapers, large and small employer websites. While this analysis presents a broad picture of hiring activity and serves as a measure of labor demand, it does not capture openings that are filled through other networks.