

WE ARE YOUR DOL



NEW YORK
STATE OF
OPPORTUNITY.

**Department
of Labor**

**NYSDOL BUSINESS ENGAGEMENT AND
REGISTERED APPRENTICESHIP
INTRODUCTION AND OVERVIEW OF SERVICES**

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STATE OF
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**Department
of Labor**

BUSINESS ENGAGEMENT

BUSINESS ENGAGEMENT SERVICES - INTRODUCTION

WHAT WE DO:

- Our system connects over **250,000** individuals to career and training opportunities each year.
 - Our mission is to create and connect talent pipelines to the opportunities of our business customers.
 - Our Business Services teams assist businesses who are growing and thriving, as well as businesses facing downsizing and closures with layoff aversion and Rapid Response services.
- We hold an average of **1,500** customized recruitments and job fairs annually to connect jobseekers with businesses.
- We maintain the tools and resources to provide **no cost** services to our customers.



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BUSINESS ENGAGEMENT – OVERVIEW OF SERVICES

- **Job Posting Services**
 - Virtual Career Center
 - New York State Job Bank
 - Microsites
- **Recruitment Events**
 - Regional Career Fairs
 - Mini Job Fairs
 - Dedicated Recruitment Events
 - Virtual Career Fairs
- **Additional Services:**
 - Marketing Events and Job Openings
 - Connection to Tax Credits and Funding Opportunities
 - Human Resources Consultation Services



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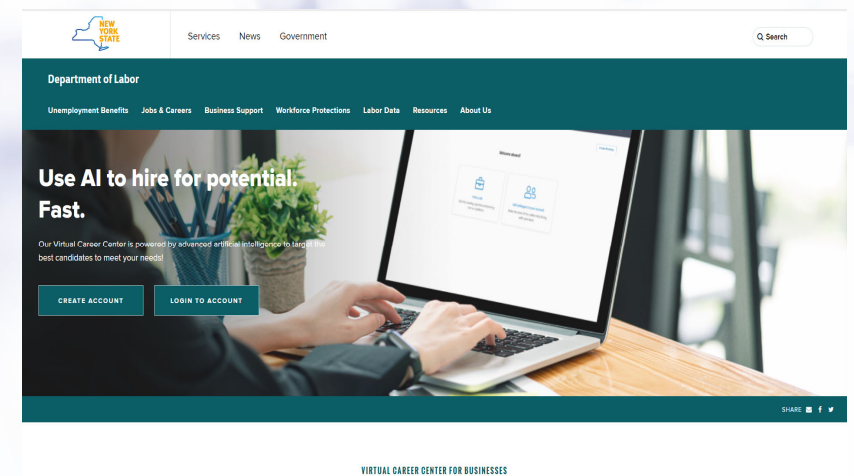
VIRTUAL CAREER CENTER (VCC) FOR BUSINESS

The New York State Virtual Career Center is a new job posting and talent sourcing platform using advanced artificial intelligence (AI) to connect businesses to candidates. This new and improved platform gives businesses and jobseekers the ability to communicate throughout the hiring process. **Recruiting candidates is fast, easy and no cost!**

Since Launching In July 2023:

- More than **750** businesses are using the VCC
- More than **2,600** jobs posted to the VCC
- Over **93,000** candidates uploaded a resume
- More than **1,000,000** job views
- Nearly **160,000** apply to job clicks

<https://dol.ny.gov/virtual-career-center>



VIRTUAL CAREER CENTER (VCC) FOR BUSINESS

HOW IT WORKS

- Create an account! – Enter basic details about you and your business and submit your registration.
- Post a job! – Once your account has been approved, you can login to create and post your openings!
- Start connecting with talent! – Connect with a ranked list of candidates to find top talent!

The screenshot displays the 'Positions' page of the Virtual Career Center (VCC) for Business. The interface includes a search bar at the top with the text 'Search candidates or positions', a 'Career Exchange' link, and a user profile 'Matthew'. Below the search bar, there are tabs for 'My Positions' and 'All Positions', with 'All Positions' being the active tab. A 'Create Position' button is located in the top right corner. The main content area features a search bar for positions, location, Job ID, recruiter, or hiring manager, along with 'Filters', 'Select Saved Filters', and 'Save Filters' options. The results show 6 positions. The table below lists three of these positions with their respective statistics.

Position	Days Open	Candidates	Applicant	Contacted	All Offers	Offer Accepted	
Studio Dancer (844768577670450) Albany, NY • Hiring manager not specified • Matthew TestMP28 • Open	85	0	0	0	0	0	⋮
Retail Sales Associate (844768577662039) Albany, NY • Hiring manager not specified • Matthew TestMP28 • Open Priority	85	0	0	1	0	0	⋮
Software Developer (844768577671830) New York, NY • Hiring manager not specified • Matthew TestMP28 • Open	84	6	0	0	0	0	⋮

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VIRTUAL CAREER CENTER (VCC) FOR BUSINESS

- Receive a ranked list of candidates matching your job powered by artificial intelligence (AI) to target the best candidates to meet your business needs
- Communicate with candidates directly through the platform throughout the hiring process

The screenshot displays the VCC for Business interface. At the top, there is a search bar with the text "Search candidates or positions" and a magnifying glass icon. To the right of the search bar are the options "Career Exchange" and "More". The user's name, "Matthew", is visible in the top right corner.

The main heading is "Software Developer (844768577671830)" with a bookmark icon. Below this, it says "New York, NY • Hiring manager not specified • Matthew TestMP28 • Open". There are two buttons: "Edit Position" and "Unpublish Position".

Below the heading are four tabs: "Overview", "Candidates (4)", "Applicants (0)", "Contacted (0)", and "Offer (0)". The "Candidates (4)" tab is selected.

On the left side, there are filters for "All Candidates" (4), "Saved" (0), "Archived" (0), "Companies", and "Location" (1).

The main content area shows a search bar with the placeholder "Name, boolean string, keywords...". To the right of the search bar are buttons for "Advance Stage", "Email", "Invite To Apply", "Offer", and "Archive". Below the search bar, it says "1 selected".

The candidate list is as follows:

Candidate	Match	Location	Highest Education
<input checked="" type="checkbox"/> <input type="star"/> M Matthew Poon Software Developer, Google	●●●●●●	New York, NY, USA	
<input type="checkbox"/> <input type="star"/> P Paul Wilson Software Engineer, Google	●●●●●●	New York	
<input type="checkbox"/> <input type="star"/> J John Python Developer, DoorDash	●●●●●●	Smithtown, New York, United States	
<input type="checkbox"/> <input type="star"/> P Pooja Ganti Product Manager, EIGHTFOLD.AI	●●●●●●		

A detailed view of the match score for Matthew Poon is shown in a pop-up window:

- 6 years Relevant Experience
- N/A Relevant Skills
- Ideal Candidate
- Title Relevance: Python Developer (●●●●●●)
- Experience Relevance: 6 years, Masters degree (●●●●●●)
- Recalibrate Position

NEW YORK STATE JOB BANK

- New York State Department of Labor's alternate source for job postings and indexing services.
- **Connecting Job Seekers to Businesses:**
 - Allows businesses to manage job postings throughout the recruitment process.
 - Helps businesses increase interest in their job openings.
 - Flexibility to post job opportunities multiple ways!

<https://myjobs.ny.gov>

NEW YORK STATE
JOB BANK

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MICROSITES

Seasonal Jobs

<https://seasonalworks.labor.ny.gov>

Tourism Industry

<https://nytourism.usnlx.com>

Child Care Opportunities

<https://nychildcare.usnlx.com/>

Part-Time Jobs

<https://nyparttime.usnlx.com>



RECRUITMENT EVENTS

- Businesses save thousands of dollars each year utilizing our additional recruitment services!
 - Regional Career Fairs
 - Mini Job Fairs
 - Dedicated Recruitment Events
 - Virtual Career Fairs
- **Recruitment Events Help Businesses:**
 - Access top talent in one place at one time
 - Reach highly motivated jobseekers
 - Reduce recruiting time






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BUSINESS JUMPSTART

Business Jumpstart

Your Gateway to Growth and Opportunity!

SHARE   

OVERVIEW

Are you opening a **New** business in New York State or **Expanding** to increase your labor force and/or opening a new location? Are you ready to take your business to the next level?

The New York State Department of Labor Business Jumpstart provides specialized intensive services and resources at no-cost to assist with growing your business!

Our Business Engagement team is dedicated to providing personalized services for each business. No-cost programs and services can save your business time and money. Let us help connect your hiring needs with our comprehensive suite of business services, be it recruiting and training new employees or providing guidance on a variety of labor issues, we can help jumpstart your business today!

Interest Portal now LIVE!
[Click Here](#)

<https://dol.ny.gov/business-jumpstart>

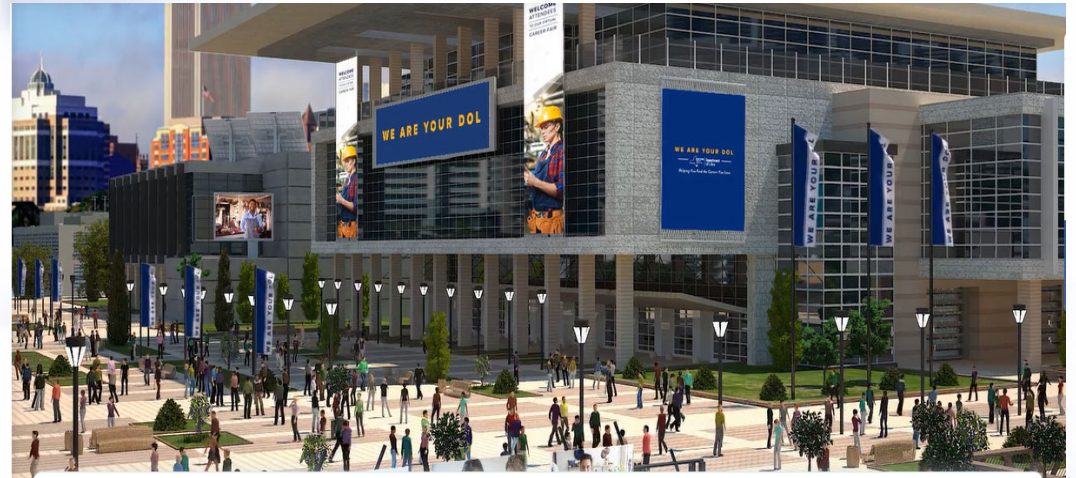
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VIRTUAL CAREER FAIRS

In early 2020, The New York State Department of Labor searched to implement a virtual solution to in-person career fairs that would allow businesses and job seekers to make important connections in a safe, and easy way.

In November of 2020, the New York State Department of Labor launched Virtual Career Fairs.



Since launching, we have held **330** Virtual Career Fairs with **15,288** businesses and **158,710** job seekers in attendance.

On average, there are approximately **45** businesses and **525** job seekers in attendance for the preview day and live event.

VIRTUAL CAREER FAIRS: BOOTH AND SITE CUSTOMIZATION

- **Customized Booths**

- Businesses customize their booth with corporate data, logos, slogans, links, and downloadable materials such as applications, videos and job postings. They can also choose the booth design and host.

- **Accessibility Feature**

- Offers options such as vision impaired profile, cognitive disability profile, ADHD friendly profile, screen reader, and keyboard navigation.

- **Language Translation**

- The site offers **8** languages for the interface, and a translation option in the text chat feature.

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VIRTUAL CAREER FAIRS: EXTERIOR DESIGN

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Capital Region Virtual Career Fair

November 10

Login Register

Home
Info Stand
Pavilions
Job Postings
Seminars
Webinars Agenda

Chats
OFFLINE
My public chats
My private chats
Exhibitors



WE ARE YOUR DOL Department of Labor

Welcome to
Capital Region Virtual Career Fair

Pavilions →
Seminars →
Webinars →

Welcome to the Capital Region Virtual Career Fair! Visit our Information Stand or chat with our DOL Staff if you have any questions!

Languages
Accessibility

VIRTUAL CAREER FAIRS: BOOTH EXAMPLE

WE ARE YOUR DOL Capital Region Virtual Career Fair November 10 Login Register

NYS Office of Children and Family Services

The Office of Children and Family Services serves New York's public by promoting the safety, permanency and well-being of our children, families and communities. We will achieve results by setting and enforcing policies, building partnerships, and funding and providing quality services.

[Start](#) [Profile](#) [Contact](#) [Job Postings](#) [Corporate Material](#)


Chats
OFFLINE
My public chats
My private chats
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Languages
Accessibility

VIRTUAL CAREER FAIRS: JOB POSTINGS




WE ARE YOUR DOL Capital Region Virtual Career Fair November 10 Login



Job Postings

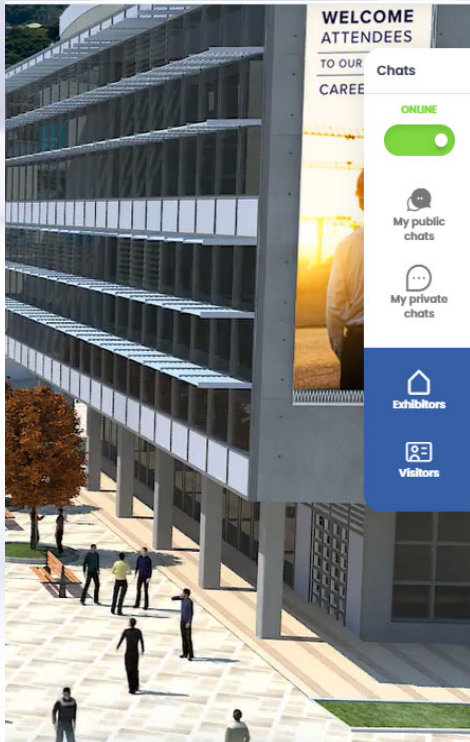
Search Jobs

Sort by: Sector County NYS Office of ... **Apply**

-  Office of Children and Family Services **Call Center Representative 2**
NYS Office of Children and Family Services
-  Office of Children and Family Services **Psychologist 2**
NYS Office of Children and Family Services
-  Office of Children and Family Services **Associate Psychologist**

Home Info Stand Pavilions **Job Postings** Seminars Webinars Agenda Languages Accessibility

VIRTUAL CAREER FAIRS: CHAT FEATURE



Disconnect from the Chat Feature - Connect to the Chat



Open Public Chats



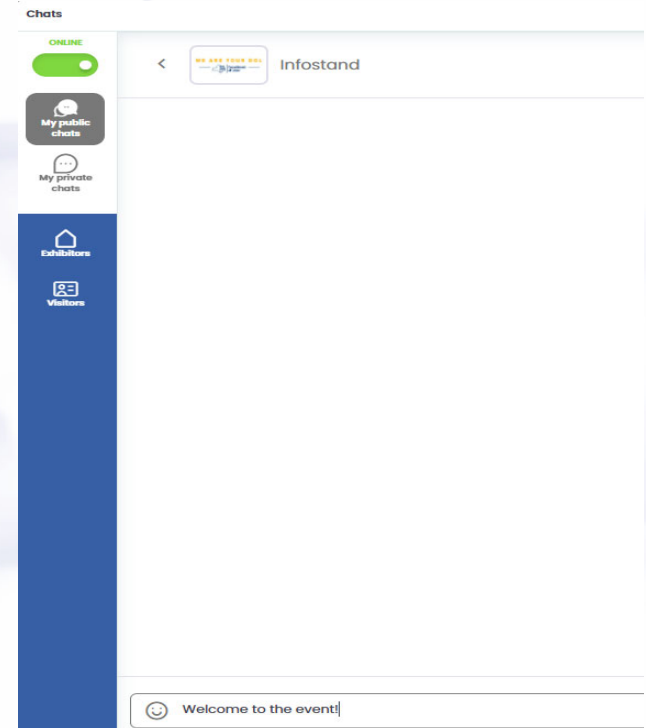
Open Private Chats



List of Exhibitors who are Online



List of Visitors who are Online



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NYSDOL MARKETING: SOCIAL MEDIA POSTS

July Virtual Career Fairs

Virtual Career Fairs offer you the chance to interact with dozens of employers without leaving your home. At our virtual career fairs, you can upload your resume, browse virtual employer booths, and participate in virtual interviews with businesses hiring in your area.

To register, visit our [Career Center Event Calendar](#), find the date of the virtual fair you're interested in, click on the event link and register!

TUESDAY	WEDNESDAY	THURSDAY
9 FINGER LAKES	10 LONG ISLAND	11 CAPITAL REGION
16 NEW YORK CITY	17 NORTH COUNTRY	18 SOUTHERN TIER
23 CENTRAL VALLEY MOHAWK VALLEY	24 WESTERN NEW YORK	25 HUDSON VALLEY

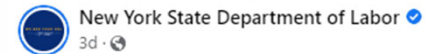
July 2024

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ALL EVENTS RUN FROM 11 A.M. TO 2 P.M.

Employers across New York State are hiring in 2024

Find your region and save the date today



Interested in a career with New York State? Register for the Professional Career Opportunities (PCO) virtual career fair, taking place Nov. 9!

Meet with agencies across the state looking to fill 150+ job titles and learn more about the PCO exam: <http://on.ny.gov/PCO22>

NEW YORK STATE PROFESSIONAL CAREER OPPORTUNITIES

Virtual Career Fair

Wednesday, Nov 9
10 am – 2 pm

on.ny.gov/PCO22

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NYSDOL MARKETING: SOCIAL MEDIA POSTS



NYS Department of Labor @... · 4d ...

NYSDOL is committed to helping small business owners across NYS by providing free business services. Discover how we can help you today or tag a small business owner!

dol.ny.gov/services-busin...

SUPPORT FOR **BUSINESSES.**

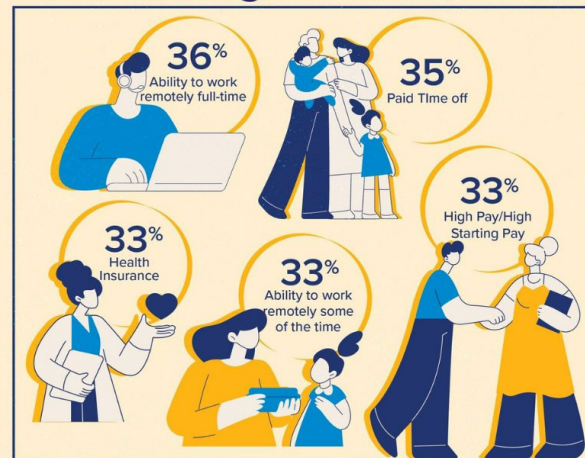
SUPPORT FOR **JOB SEEKERS.**

SUPPORT FOR **YOU.**

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Top Incentives Job Seekers are Looking for:



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NYSDOL MARKETING: FLYERS



Western NY Regional Virtual Career Fair
WEDNESDAY, NOVEMBER 15, 2023
11 AM – 2 PM

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New York State Department of Labor

A **PREVIEW DAY** WILL BE HELD ON TUESDAY, NOVEMBER 14, 2023 BEGINNING AT 9AM.
PRE-REGISTER TODAY: <https://nysdolvirtual2.easylvirtualfair.com>

ATTENDING BUSINESSES

The Summit Center	Perry's Ice Cream	WNYDDSO
FedEx Ground	The Resource Center	Absolut Care of Aurora Park
NYS Department of Corrections and Community Supervision	Zenner & Ritter	Brooks-TLC
DMIC	Rochester Psychiatric Center- Office of Mental Health	Construction Exchange
Hearts for the Homeless	Zito Media	Bertrand Chaffee Hospital – Jennie B. Richmond Nursing Home
Bryant & Stratton College	Spectrum Mobile	HR Partners Staffing
Queen City Early Childhood Center	AVOX Systems Inc.	Belmont Housing Resources of WNY
GP:50 NY LTD	NYS Department of Civil Service	RF for SUNY
Free Training on Coursera by NYSDOL		And more!

JOB OPENINGS FOR ATTENDING BUSINESSES

Assembly Technician	Dentist	Classroom Aide	Data Entry
Warehouse Worker	Optometric Technician	Welder	Electrician
Food Service	Van Driver	Assembler	Social Services Director
RN/ LPN	Systems Analyst	Medical Records Clerk	Package Handler
IT Specialist	Direct Support Professional	Plumber	Correction Officer
Retail Sales	Maintenance Technician	Project Coordinator	And many more!

MAKE SURE TO PRE-REGISTER AND UPLOAD YOUR RESUME

FOR MORE INFORMATION ABOUT THIS EVENT, CONTACT
VIRTUALJOBFAIRS@LABOR.NY.GOV

888.469.7365 | www.labor.ny.gov | [i](#) [t](#) [f](#) [@nyslabor](#)




PROFESSIONAL CAREER OPPORTUNITIES (PCO) VIRTUAL CAREER FAIR

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New York State Department of Labor
Helping You Find the Career You Love



PREVIEW DAY
November 8th

LIVE EVENT
November 9th
10am - 2pm


JOB SEEKER REGISTRATION
on.ny.gov/PCOvirtualcareerfair

NEW YORK STATE OF OPPORTUNITY
Department of Civil Service

1199SEIU Employment Center

Recruiting Event

June 12, 2024 | 9:30 AM - 3 PM
Staten Island Workforce1 Career Center
120 Stuyvesant Place, Staten Island, NY 10301



The 1199SEIU Employment Center recruits qualified job candidates from the general public, as well as 1199SEIU members.

We are the employment service of choice for 1199SEIU institutions, which submit thousands of full- and part-time healthcare job openings with competitive salaries, and unparalleled health coverage. Thousands of 1199SEIU members like you are matched with open positions each year.

NYSDOL MARKETING: E-MAIL BLASTS

- **2023 Blast emails sent:**
 - 914 emails were sent out
 - 21,958,049 job seekers
- **E-mail Blasts grab the attention of readers, by including the following:**
 - Actionable subject lines
 - Concise information such as dates, business name and job titles
 - Links for quick and easy direction to and access of events
 - Detailed job descriptions
 - Call Out Highlights - Benefits, flexibility, wages
 - Access to job applications
- **Talent Outreach Strategy:**
 - Based on county or location
 - Time since a service, experience or desired fields
 - Other search criteria, such as license, education, etc.

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HUMAN RESOURCES CONSULTATION SERVICES

We help businesses with a variety of human resources at no cost, saving them thousands of dollars each year!

Human Resources Consultation Services Include:

- Job Analysis
- Skills Gap Analysis
- Skills Matching and Referral Technology
- Employee Handbooks
- Legal Compliance
- Employment Applications
- Interview Techniques
- Employee Orientation
- Turnover Analysis



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BUSINESS ENGAGEMENT – OTHER INITIATIVES

VIRTUAL REALITY – LEARNING & CAREER EXPLORATION

NYSDOL has embarked on a new initiative to bring virtual career training and career exploration to New Yorkers across the state. The platform has virtual coaches providing instructions/guidance, allows practicing hands-on immersive learning, and provides assessments to encourage mastery of skills.



Automotive



Aviation



Construction



Diesel



Electrical Construction



Manufacturing



Health Sciences

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VIRTUAL REALITY – LEARNING & CAREER EXPLORATION

Career Exploration takes place in a virtual environment to help job seekers understand career options and get started on a path to choose the right job for them.

During **Virtual Training** trainees master real skills needed to get hired for well-paying jobs in a safe, supportive setting, under the expert guidance of a digital coach.



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VIRTUAL REALITY – LEARNING & CAREER EXPLORATION

Manufacturing
Robotics
Assemblers
Quality Assurance
Skilled Trades
HVAC
Carpenters
Electricians
Machinists
Welders
Warehousing
Public Safety
Hospitality/Tourism
Automotive
Automotive Fundamentals
Auto Body/Collision Repair
Precision Measurement
Hospitality
Customer Service
Manufacturing
Plant Safety
Construction
Construction Safety
Precision Measurement
Blueprint Reading
Electrical
Diesel Technology
Electrical Fundamentals & Construction
Mechatronics

- 200+ number of simulations in library
- 10+ new simulations released each month



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VIRTUAL REALITY – LEARNING & CAREER EXPLORATION

- **Develop Workforce Pipelines**
 - Businesses can engage with students and expose them to real-life working conditions
- **Explore New Career Opportunities**
 - Immersive simulations empower learners to evaluate their skills and interests
 - Provides insights into the skills required to succeed



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VIRTUAL REALITY – LEARNING & CAREER EXPLORATION

- VR training is delivered in a safe space
- Modules require minimal setup, are cost effective, and deliver training with real-time feedback
- Provides endless opportunities for learners to practice and master fundamental skills needed on the job
- Improved job-readiness
- Optimized training delivery
- Quality talent recruitment



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TEACHER AMBASSADOR PROGRAM



- Teachers, school counselors, and career and technical education (CTE) teachers selected from across the state
- Participants are stationed in career centers to build relationships with NYSDOL career center staff
- Four-week program offering a combination of virtual sessions and in-person experiences about career development, NYSDOL services, and training programs

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TEACHER AMBASSADOR PROGRAM

Participants have the opportunity to:

- Make new and lasting connections with local businesses
- Improve awareness of the local labor market
- Identify pathways for young people other than college



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PROGRAMS

Taking Action to Address the Asylum Seeker Crisis in New York

A FASTER PATH TO LEGAL EMPLOYMENT

DOL Provides Job Assistance for Asylum Seekers

Governor Hochul recently directed the New York State Department of Labor (DOL) to help connect asylum seekers to employment opportunities so they can begin working immediately after obtaining federal work authorization. All asylum seekers with work authorization in New York can now register for assistance. DOL's career experts are working with individuals to assess skills, work history, education, career interests and more, and connect them with employers across the State.

To help balance the equation, DOL has also launched a portal that enables businesses to inform the State that they would welcome newly-authorized individuals into their workforce. This provides a pool of employers with job opportunities for DOL's career experts to pull from so they can work to align the skills that asylum seekers have with the current needs of employers.

JOB OPPORTUNITIES

BUSINESS INQUIRIES

<https://dol.ny.gov/asylum-seeker-employment-efforts>

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Let Us Support You!

Our team can support your workforce needs by:

- Account Management - Providing a single point of contact
- Being accessible
- Having a personal connection
- Sharing expertise and experience
- Offering tailored and meaningful services

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REGIONAL BUSINESS ENGAGEMENT LEADS

<p><u>CAPITAL REGION</u> Kathleen McCoy 155 Washington Avenue, 3rd Floor Albany, NY 12210 518-457-2483 kathleen.mccoy@labor.ny.gov</p>	<p><u>MOHAWK VALLEY</u> James Bepko 207 Genesee St Utica, NY 13501 315-793-2271 james.bepko@labor.ny.gov</p>
<p><u>CENTRAL NEW YORK</u> Roy Jewell 450 South Salina Street, Room 302 Syracuse, NY 13202 315-479-3362 roy.jewell@labor.ny.gov</p>	<p><u>NEW YORK CITY</u> Scott Gallop 199 Church Street New York, NY 10007 718-613-3657 scott.gallop@labor.ny.gov</p>
<p><u>FINGER LAKES</u> Jason Kirchhoff 276 Waring Road Rochester, NY 14609 585-258-8843 jason.kirchhoff@labor.ny.gov</p>	<p><u>NORTH COUNTRY</u> Melissa Baretsky 194 US Oval Plattsburgh, NY 12901 518-561-0430 melissa.baretsky@labor.ny.gov</p>
<p><u>HUDSON VALLEY</u> Sheila Davis 3 Washington Center, 4th Floor Newburgh, NY 12550 845-568-5322 sheila.davis@labor.ny.gov</p>	<p><u>SOUTHERN TIER</u> David Croston 171 Front St Binghamton, NY 13905 607-778-3004 david.croston@labor.ny.gov</p>
<p><u>LONG ISLAND</u> Jo Ann McCants 303 West Old Country Road Hicksville, NY 11801 516-934-8521 joann.mccants@labor.ny.gov</p>	<p><u>WESTERN NEW YORK</u> Christopher Kokoszka 284 Main Street, Floor Mezzanine Buffalo, NY 14202 716-851-2655 christopher.kokoszka@labor.ny.gov</p>

<https://dol.ny.gov/recruit-your-workforce>

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NYS REGISTERED APPRENTICESHIP

REGISTERED APPRENTICESHIP OVERVIEW

Statewide Data

•As of June 30, 2024:

- 599 sponsors
- 905 programs
- 16,688 active apprentices
- 1,271 Certificates of Completion issued so far in 2024

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REGISTERED APPRENTICESHIP OVERVIEW

What is Registered Apprenticeship (RA)?

- Real jobs
- On-the-job training (OJT)
- Related instruction (RI)
- Programs conducted by employers (sponsors)
- Industry specific standard training outlines

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WHAT ARE APPRENTICES?

- Full-time employees
- Produce high quality work
- Increasing scale of wages
- Attend minimum of 144 hours RI per year
- Operate under close supervision of a skilled worker
- Receive a Certificate of Completion



WHAT ARE THE BENEFITS FOR APPRENTICES?

- Learn skills employees can use throughout their entire career
- Train with industry leaders
- Earn a salary as they train for their career
- Grow their salary as they learn more
- Join companies that pay well and offer great benefits
- Upon completion, earn a credential from NYS and have little-to-no student debt

BECOMING AN APPRENTICE

Two main pathways:

- Recruitment into a NYS Registered Apprenticeship program
- Direct Entry

To find Apprenticeship Opportunities:

- Recruitment Openings/Press Releases
- Job Bank
- Contact NYSDOL Office
- Contact an organization that trains through Apprenticeship
- Find an employer who might be interested in training through apprenticeship



REGISTERED APPRENTICESHIP OVERVIEW

Program Types:

- Individual Non-Joint Programs
- Individual Joint Programs
- Group Non-Joint Programs
- Group Joint Programs

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WHAT ARE THE BENEFITS FOR SPONSORS?

- Highly skilled workforce
- Pipeline of qualified applicants
- Increased efficiency and productivity
- Train workers without losing valuable production time
- Structured and consistent training program
- Increase employee retention and attendance
- High-quality employment and training opportunities



BECOMING A SPONSOR

What is the process to become a sponsor of NYS Registered Apprenticeship Program?

- Call (518) 457-6820 or email ATCO@labor.ny.gov or contact your local Apprentice Training Representative
- Select the trade/occupation
- Facilities visit
- Select Related Instruction provider(s)
- Application review/approval

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REGISTERED APPRENTICESHIP OVERVIEW

WHAT IS A TRADE?

- Any skilled occupation determined to be apprenticeable
- Each trade has a standard training outline
- [List of Trades](#)
- New trades/trade reactivations

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TRAINING OUTLINE

Time-Based Training Outline

MACHINIST (CNC)

APPENDIX A

O*NET CODE 51-4041.00

This training outline is a minimum standard for Work Processes and Related Instruction. Changes in technology and regulations may result in the need for additional on-the-job or classroom training.

WORK PROCESSES

	Approximate Hours
A. Principles of Manual Machining	1,000
1. Lathes, Mills, Grinders, etc.]	
B. Principles of CNC Machining	500
1. Principles of safety and shop practice.	
2. Basic CNC language and function of the machine.	
3. Nomenclature and controls of the machine.	
4. Uses and maintenance of inspection equipment.	
5. Fundamentals of lubrication and hydraulic systems.	
6. Fundamentals of inspecting work.	
C. Computer Operations	1,000
1. Safety	
2. Learning all functions of computer which controls axis moves, tool changes, settings, automatic modes, set-up elements, and coolant operation.	
3. Learning to change, add to or edit moves required to build any part required.	
4. Maintaining maximum quality and production of good pieces.	
5. Using computer control key board to load all tools in proper location according to set up instructions for part number being run.	
6. Insuring all tools are of good quality and properly loaded as per manufacturing instructions.	
7. Checking work against blue prints.	
8. Understanding various alarms and how to cancel them.	

MACHINIST (CNC)

APPENDIX B)

RELATED INSTRUCTION

Safety

1. Personal protective equipment.
2. Handling, storing, and disposing of job-related hazardous materials
3. Trade safety, including all applicable OSHA and EPA regulations, standards and rules
4. First Aid - minimum 6.5 hours every 3 years
5. Sexual Harassment Prevention Training – must comply with section 201-g of the Labor Law

Blueprint Reading and Drawing

1. Blueprint reading and mechanical drawing
2. Geometric Dimensioning and Tolerancing
3. Fundamentals of Computer-Aided Design (CAD) (optional)

Mathematics

1. Intermediate algebra
2. Geometry
3. Trigonometry
4. Applied statistics (optional)

Industrial and Labor Relations (20 hours)

1. History and Background (6 hours, first year)
2. Current Laws and Practices (14 hours, second year)

Trade Theory and Science

1. Practical Metallurgy (including plastic, ceramic, other materials)
2. Introduction to Machine Tools
3. Machining Processes
4. Dimensional Metrology (utilization of measuring devices)
5. Introduction to Numerical Control/Computer Numerical Control

REGISTERED APPRENTICESHIP OVERVIEW

Registered Apprenticeship Expansion

- New occupations/trades
- New training approaches

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REGISTERED APPRENTICESHIP OVERVIEW

Examples of New and Emerging Trades:

- Certified Nursing Assistant (CNA)
- Direct Support Professional/ Direct Support Professional Supervisor
- Dental Office Assistant
- Cook
- Teacher Assistant
- Teacher
- Cloud Engineer
- Data Analyst
- Software Developer
- Piano Builder
- Bench Jeweler (Production)

NYSDOL can also develop and adopt new trades

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<https://dol.ny.gov/apprenticeship/overview>

QUESTIONS?

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THANK YOU!