



DEMAND OCCUPATION TRAINING LIST

OVERVIEW OF THE NEW CHANGES

February 16, 2022



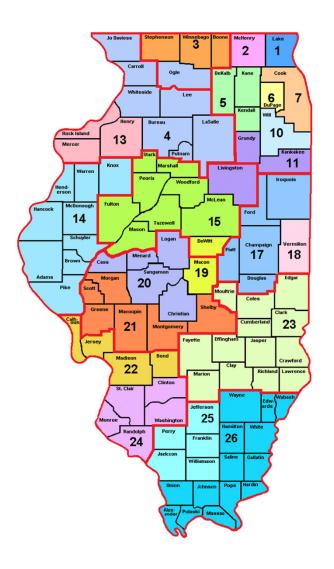


Kiersten Baer

- Digital Communications Manager
 - Illinois Center for Specialized Professional Support
- kmbaer@ilstu.edu
- 309-438-1838

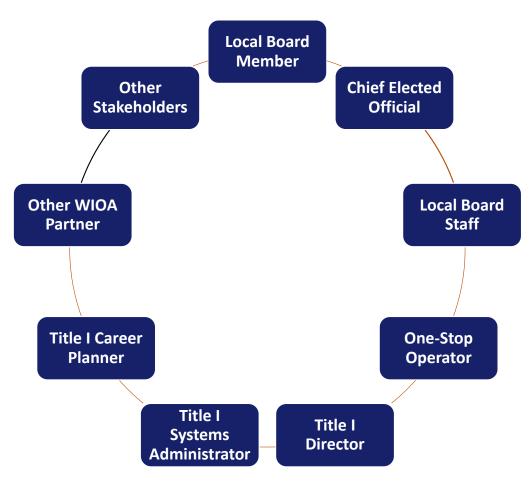


Where is Your Local Area?





What is Your Role in the WIOA System?





Demand Occupation Review Team



Mark Burgess

Performance Measures, Manager Office of Employment and Training - OET Illinois Department of Commerce and Economic Opportunity



Mark Burgess

Performance and Reporting Office of Employment and Training - OET Illinois Department of Commerce and Economic Opportunity

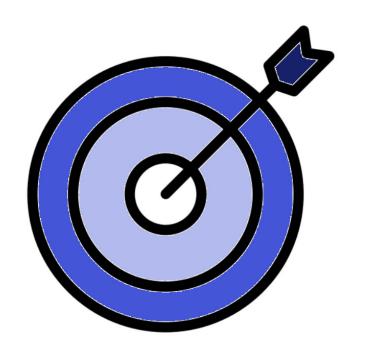


Shannon Hampton

Special Populations Grant Manager Office of Employment and Training - OET Illinois Department of Commerce and Economic Opportunity



Today's Objectives



- Reminder of Demand Occupation Training List Criteria, Tiers and Education/OJT Levels
- Understand changes to O*Net/Standard Occupation Code (SOC) from 2010 to 2019
- Visualize changes to the Demand Occupation Training List (DOTL)
- Know the resources available to best understand and identify new 2019 coding
- Indicate how eligible training programs might be affected by code changes
- Clarify Petition submission expectations



WIOA References



PUBLIC LAW 113-128-JULY 22, 2014

128 STAT, 1425

- WIOA Section 134(c)(3)(G)(iii)
 - Requires WIOA Title I Adult and Dislocated Worker training services be directly linked to in-demand occupations or sectors
- WIOA Section 129(c)(2)(D)
 - Requires WIOA Title I Youth be offered occupational skill training which includes priority consideration for training programs leading to recognized postsecondary credentials aligned with in-demand occupations or sections
- WIOA Section 3(23)
 - <u>In-demand industry sector or occupation</u>: an industry sector that has a substantial current or potential impact (including through jobs that lead to economic self-sufficiency and opportunities for advancement) on the State, regional, or local economy, as appropriate, and that contributes to the growth or stability of other supporting businesses, or the growth of other industry sectors; or an occupation that currently as or is projected to have a number of positions (including positions that lead to economic self-sufficiency and opportunities for advancement) in an industry sector so as to have a significant impact on the State, regional, or local economy, as appropriate. Determination of "in-demand" shall be made by the IWIB.





WIOA ePolicy

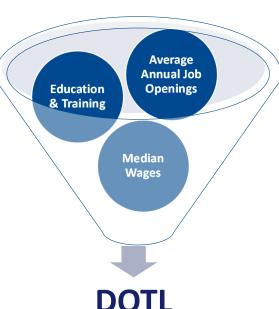
- 7.3 Training
 Provider
 and Training
 Program
 Eligibility
 - WIOA
 Notice 20 NOT-08,
 Change 2
 Demand
 Occupatio
 n Training
 List





What is the DOTL?

- The Demand Occupation Training List (DOTL) is Illinois' recognized list of occupations that are considered as in demand across the state based on three criteria:
 - Annual average job openings (AAJO)
 - Education and occupation training level
 - Median hourly wages
- WIOA Policy 7.3 Training Provider and Training Program Eligibility requires that all training programs funded through an Individual Training Account (ITA) must be focused on at least one demand occupation
- WIOA Notice No. 20-NOT-08, Change 2 outlines the criteria and provides the list of demand occupations. It also allows for a petition process for a Local Workforce Innovation Board to request consideration for additional occupations to be considered for approval as in-demand.





DOTL Criteria Review







Projected annual openings equal to at least 0.01% of statewide employment (646 annual openings) A minimum typical entry education level of High School diploma + moderate OJT and maximum typical entry level of Bachelors Degree + long-term OJT A median wage of 85% of the Living Wage¹ for 1 adult & 1 child (85% of \$26.48=\$22.51)

¹ Living wage data were obtained from the MIT Living Wage calculator. https://livingwage.mit.edu/

	Summary By Education and OJT Levels			
Education /OJT code	Education Level	OJT Level		
31	Doctoral or professional degree	Internship/residency		
30	Doctoral or professional degree	Short-term OJT		
29	Doctoral or professional degree	None		
28	Master's degree Internship/resi			
27	Master's degree	None		
26	Bachelor's degree	Internship/residency		
25	Bachelor's degree	Long-term OJT		
24	Bachelor's degree	Moderate-term OJT		
23	Bachelor's degree	Short-term OJT		
22	Bachelor's degree	None		
21	Associate's degree Long-term OJT			
20	Associate's degree	Moderate-term OJT		
19	Associate's degree	Short-term OJT		

0	
Associate's degree	None
Postsecondary nondegree award	Long-term OJT
Postsecondary nondegree award	Moderate-term OJT
Postsecondary nondegree award	Short-term OJT
Postsecondary nondegree award	None
Some college, no degree	Moderate-term OJT
Some college, no degree	Short-term OJT
Some college, no degree	None
High school diploma or equivalent	Apprenticeship
High school diploma or equivalent	Internship/residency
High school diploma or equivalent	Long-term OJT
High school diploma or equivalent	Moderate-term OJT
High school diploma or equivalent	Short-term OJT
High school diploma or equivalent	None
No formal educational credential	Long-term OJT
No formal educational credential	Moderate-term OJT
No formal educational credential	Short-term OJT
	Postsecondary nondegree award Fome college, no degree Fome college, no degree Fome college, no degree Figh school diploma or equivalent High school diploma or equivalent



DOTL Criteria Review

Demand Code	Tier
Green - Advanced Education	6
Green - Middle Skills	5
Yellow - Growth	4
Yellow - Moderate Demand	3
Orange - Statewide Priority	2
Orange - Local Priority	1
Red - Low Priority	0



• •		
ADVANCED EDUCATION	999	Meet all criteria + minimum Bachelors
MIDDLE SKILLS	999	Meet all criteria, less than Bachelors
GROWTH	999	Meet education and openings criteria, less than minimum median wage
MODERATE DEMAND	999	Meet education and minimum median wage criteria, openings between 400 and statewide minimum (646)
STATEWIDE PRIORITY	999	Address a State, or Federal, priority related to emergency response, funding opportunities, innovative programs or identified initiatives and that may have a defined period of activity
LOCAL PRIORITY	999	Address an Approved Local Petition based on employer needs related to new or increased job openings or wages, or that meet priorities as outlined within Regional or Local Plans
LOW	999	Do not meet education and/or below 400 annual openings; occupations with SOC Code ending in ##-###9 ("All Other") ² (<i>Not a Demand Occupation</i>)



2010 Transition to 2019 O*Net Codes

- O*Net Codes and SOC (Standard Occupational Classification) System are used interchangeably
 - SOC is a federal statistical standard used by federal agencies to classify workers into occupational categories for collecting, calculating, or disseminating data.
 - All workers are classified into one of 867 detailed occupations, within 23 major groups, according to their occupational definition.
 - Detailed occupations in the SOC with similar job duties, and in some cases skills, education, and/or training, are grouped together.
 - O*Net is a reference to the ONET OnLine resource
 - New 2019 O*Net codes taxonomy are based on the 2018 SOC structure.
 - It is an application that was created for the general public to provide broad access to the O*NET database of occupational information including skills, abilities, knowledge, and labor market research that includes job opening and wage information.
 - Six-digit codes are used to identify occupations on the DOTL and within the systems of record.
 - Eight-digit codes are not used (i.e. 11-1011.00 and 11-1011.03 become only 11-1011)



NEW Demand Occupation Training List

O*NET-SOC			Annual		Median Wage		-
2010 Code		O*NET-SOC 2019 Title	Openings	OJT code	per Hour	Code	Change from Prior Version
292011	_	Medical and Clinical Laboratory Technologists	#N/A	#N/A	#N/A	0	
292012	_,_,_	Medical and Clinical Laboratory Technicians	0	0	0.00	1	Local - LWIB 24
292031		Cardiovascular Technologists and Technicians	129	18	23.30	1	Local - LWIB 7
292032	-/	Diagnostic Medical Sonographers	194	18	36.54	1	Local - LWIB 7
292033	-/	Nuclear Medicine Technologists	37	18	38.92	0	
292034		Radiologic Technologists and Technicians	401	18	29.67	3	
292035		Magnetic Resonance Imaging Technologists	109	18	34.91	0	
292099		Medical Dosimetrists	419	14	0.00	1	Local - LWIB 7
292041		Emergency Medical Technicians	799	14	14.54	4	
292041	292043	Paramedics	799	14	14.54	4	
292051	292051	Dietetic Technicians	253	18	11.72	0	
292052	292052	Pharmacy Technicians	1772	7	15.44	4	
292053	292053	Psychiatric Technicians	337	15	19.60	0	
292055	292055	Surgical Technologists	258	14	22.65	1	Local - LWIB 14
292056	292056	Veterinary Technologists and Technicians	371	18	17.18	0	
292057	292057	Ophthalmic Medical Technicians	150	14	17.54	0	
292061	292061	Licensed Practical and Licensed Vocational Nurses	1518	14	25.11	5	
292071	292072	Medical Records Specialists	529	14	18.93	1	Local - LWIB 7
292081	292081	Opticians, Dispensing	228	8	16.32	0	
292091	292091	Orthotists and Prosthetists	45	28	36.11	0	
292092	292092	Hearing Aid Specialists	22	7	18.90	0	
292054	292099	Health Technologists and Technicians, All Other	#N/A	#N/A	#N/A	0	
292071		Health Information Technologists and Medical Registrars	529	14	18.93	1	Local - LWIB 7
299091		Athletic Trainers	114	22	0.00	0	
299092		Genetic Counselors	19	27	38.11	0	
292099	299093	Surgical Assistants	419	14	0.00	1	Local - LWIB 7
299099	299099	Healthcare Practitioners and Technical Workers, All Other	54	14	0.00	0	

Blue Highlight 2010 O*Net no longer included on 2019 set of Codes

Purple Highlight 2019 O*Net that is new and previously did not exist in 2010 set of Codes (Note Change Item 6. on Slide 11)

N/A is indication there was no data for the occupation



2019 O*Net Codes – Need to Know

- ALL Occupations approved as In-Demand under 2010 codes remain as In-Demand in 2019 conversion
 - 2019 Occupations with new O*Net codes or titles, or part of multiple split codes convert as in-demand if the original 2010 occupation was in-demand on DOTL
- Six Digit Codes <u>MUST</u> be expressed without the dash ('-') when entering an O*Net code into the system of record to avoid error messages
 - 19-1031.00 should be entered simply as 191031
- Only six-digit codes are used
 - All eight-digit codes will be treated as the six-digit code by removing the two-digits after the decimal (this first column doesn't appear in the DOTL)

	O*NET-SOC 2019 Code	O*NET-SOC 2019 Title	Annual Openings		Median Wage per Hour	Demand Code
11-1011.00	111011	Chief Executives	703	22	\$ -	4
11-1011.03	111011	Chief Sustainability Officers	703	22	\$ -	4

New DOTL removed 2018 Employment data column



2010 to 2019 O*Net Codes Changes

- No 2010 Demand Occupation was removed in 2019; All remain in the same or a new code
- O*Net Code Changes that may have occurred include:
 - 1. 2010 Code remained unchanged in the 2019 Code revisions
- . 2010 Code split into multiple codes in 2019 with 2010 remaining
- 2. 2010 Code remained unchanged, but Occupation Title changed
- 2010 Code split into multiple codes in 2019 with 2010 removed
- 3. 2010 Code changed but Title remained unchanged in 2019 Code
- 5. 2010 Code did not exist in 2010 DOTL due to lack of information

	O*NET- SOC 2010 Code	O*NET- SOC 2019 Code	O*NET-SOC 2019 Title		Education/ OJT code	Median Wage per Hour	Demand Code
1.	113121	113121	Human Resources Managers	897	22	52.41	6
2.	292034	292034	Radiologic Technologists and Technicians	401	18	29.67	3
3.	151151	151232	Computer User Support Specialists	2246	10	24.27	5
	253099	253031	Substitute Teachers, Short-Term	1441	22	13.20	2
4.	253099	253041	Tutors	1441	22	13.20	2
	253099	253099	Teachers and Instructors, All Other	1441	22	13.20	2
	259041	259042	Teaching Assistants, Preschool, Elementary, Middle, and	6236	10	0	4
5.	259041	259043	Teaching Assistants, Special Education	6236	10	0	4
	259041	259049	Teaching Assistants, All Other	6236	10	0	4
6.	534012	534022	Railroad Brake, Signal, and Switch Operators and	#N/A	#N/A	#N/A	0



Important Career Planning Considerations

 DOTL is a Statewide List; it does not provide indication of demand in any single local area or region

 Appropriateness of a Demand Occupation needs to be determined locally and for each participant

 Is there demand in the local area, or where a participant is willing to relocate or commute

• Is the participant suitable for the training program and/or demand occupation

• Are there other demand occupations the participant should consider

• Will the demand occupation support self-sufficiency in the local area for the participant and his/her family

- Local Policy might outline considerations around this in addition to training cost limitations
- What level of anticipated openings exist locally; WIOA participants are competing with all other individuals with every job opening
- Discussions and selections made need to be documented in the participant's ISS or IEP.









Demand Occupations Search

















DEMAND OCCUPATIONS SEARCH

Find jobs, most in-demand, based on Illinois data!

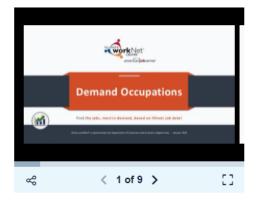
Rack to Careers, Wages, and Trends.

What are Demand Occupations?

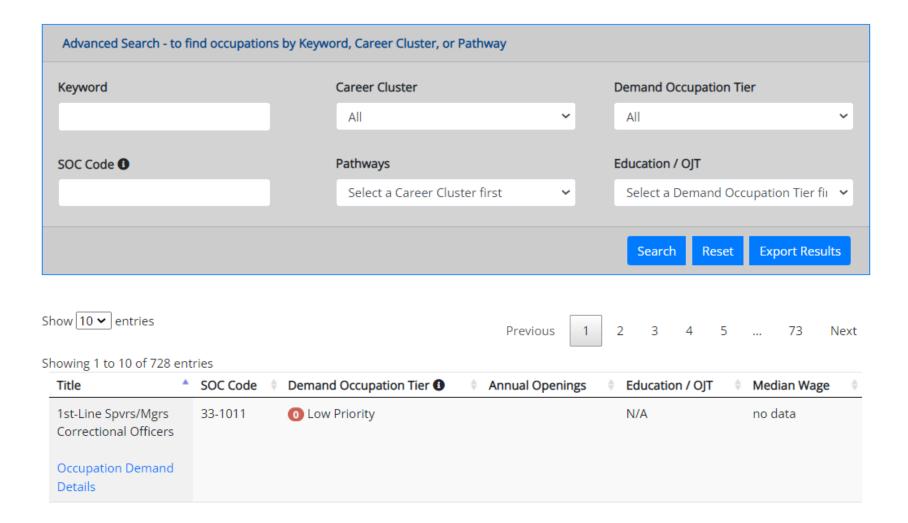
Occupations with a demand projection based on annual average job openings, average living wages, education and training levels, and state or national initiatives. Local Workforce Innovation Areas are able to petition the state to request additional occupations be considered as a Demand Occupation. Only those occupations considered "in-demand" are included in the Demand Occupations Training List.

To read the policy, review chapter 7.3 on the WIOA Policies page.

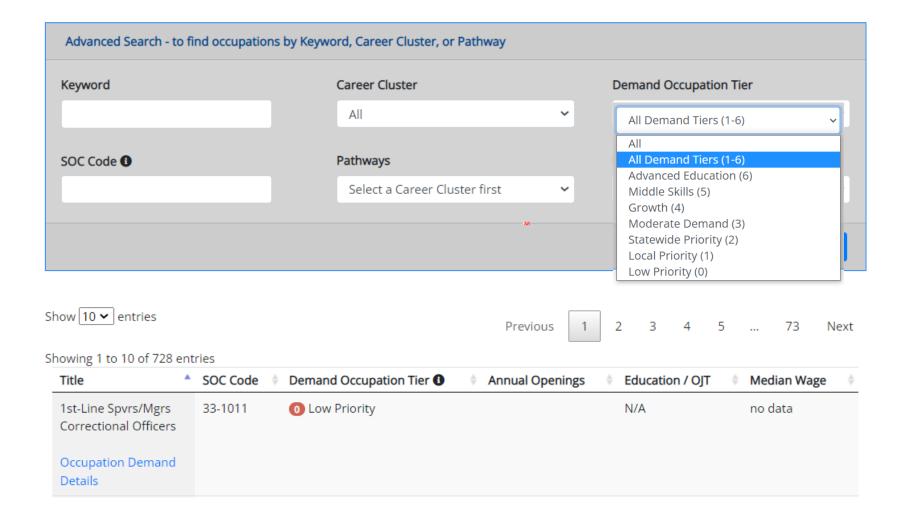
Read our article on the Demand Occupations Search tool that includes a tutorial video on how to use this search.

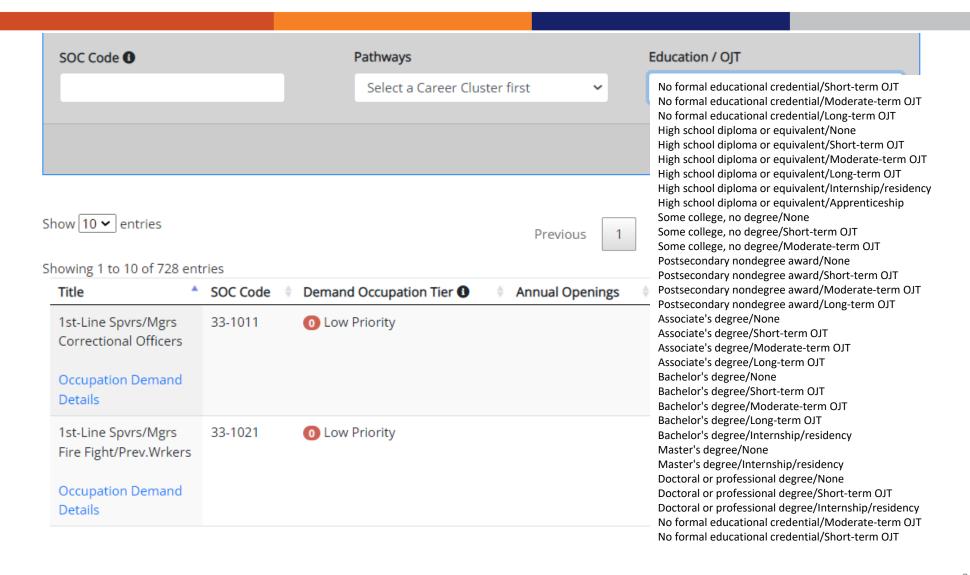


Demand Occupations Search



Demand Occupations Search





Show 10 **∨** entries

Previous

1

3

3 4 5

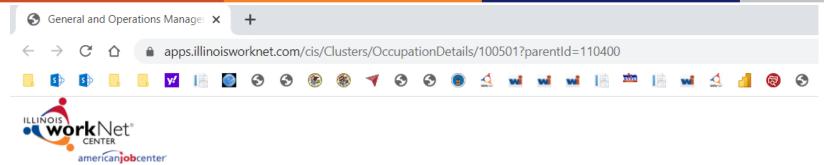
73

Next

S IN

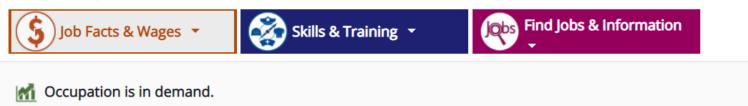
Showing 1 to 10 of 728 entries

Title	SOC Code	Demand Occupation Tier 0	Annual Openings	Education / OJT	Median Wage
General and Operations Managers Career Information Occupation Demand Details	11-1021	6 Advanced Education	11,398	Bachelor's degree / None	48.26/hour
Marketing Managers Career Information Occupation Demand Details	11-2021	6 Advanced Education	2,007	Bachelor's degree / None	58.28/hour
Sales Managers Career Information Occupation Demand Details	11-2022	6 Advanced Education	2,362	Bachelor's degree / None	58.91/hour



General and Operations Managers

Business Management and Administration > General and Operations Managers >



General and Operations Managers - At a Glance

General and operations managers oversee the day-to-day activities of a company or organization.

Quick Facts: General and Operations Managers		
Wages	Earn \$103,033 per year	
Employment	Very large occupation	
10 Year Growth	More slowly than average	
Annual Openings	Very High	

Preparation

A general and operations manager typically needs to:

- have a high school diploma or equivalent
- have a bachelor's degree
- have five years or more of related work experience

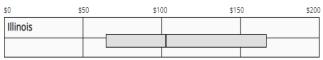
Working Conditions

In a typical work setting, general and operations managers:

- Have a high level of job-required social interaction. They interact constantly with employees and clients.
- Usually work indoors, but may on occasion work outside.
- Must be sure their work is exact. Errors or omissions could cost the organization money.
- · Generally work a set schedule.

Wages

In Illinois, general and operations managers earn a median wage of \$103,033 per year.



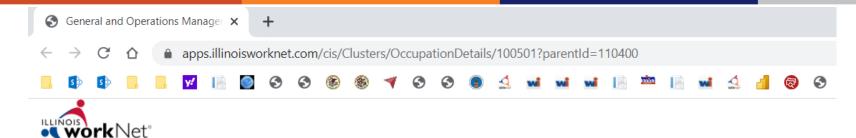
\$ amounts are in thousands of dollars.

Employment and Outlook

In Illinois, 123,461 general and operations managers work in this very large occupation.

Location	Employment	10 Year Growth	Annual Openings
Illinois	123,461	4.8%	11,569
	Very large	Slow	Very High

 $Source: Illinois\ Career\ Information\ System\ (CIS)\ brought\ to\ you\ by\ Illinois\ Department\ of\ Employment\ Security.$





Business Management and Administration > General and Operations Managers >





For Training Providers Wanting to Add O*Net Codes to a Training Program

- IWDS Screens/Field Data Entry for approved O*Nets:
 - O*Nets are added and updated on the "Training Program Basic Information" Screen in IWDS.
 - Add one or more O*Net in field #7.) and click Add O*Net Occupation Codes button.
 - Search O*Net Occupation Codes provides a search by a specific or known occupation or view the entire Statewide DOTL and allow users to "Pick" an O*Net.
 - Users may add an O*Net code that is NOT approved on the Statewide DOTL however, participant enrollment into the training program will be denied. ITA funded Training program enrollment is restricted to only programs with an approved O*Net attached in the approved training program record.



- In order to enroll a participant in a training program, the program MUST be approved with at least one DOTL ONet.
 - * For Providers Only, please put a check in the box of each ONet Occupation code where this training program is offered.

 Search O*Net Occupation Codes

 View O*Net History

 To add O*Net Occupation Codes to the list without searching, enter the O*Net Codes in the boxes above, then cick on the Add O*Net Occupation Codes

 Add O*Net Occupation Codes



- The O*Net and label will appear.
 - 7. * For Providers Only, please put a check in the box of each ONet Occupation code where this training program is offered.

Search O*Net Occup	ation Codes	View O*Net Histo	ory	
✓ 151244 Net	work and Com	puter Systems Adi	ministrators	
To add O*Net Occupa in the boxes above, the			arching, enter the O*Net Codes pation Codes button.	
Add O*Net Occupati	on Codes			



- Participant Enrollment in Training activity for DOTL O*Nets:
 - Programs must be associated with an O*Net on the DOTL.

<u>tion Menu</u> Created By: Paula Barry (admin) Title: 1A ase Notes Service Level: Training Services ase Notes Activity: Occupational Skills Training 19681015-United Workforce Development Board aka Career Link Services I Services JTD Admin only - using props file /ISM/props/BSSMA04I501 4.props ITA Funded Training: Yes : Log Off Contract Funded Training: No *Green Related: Yes ∨ Search Providers Provider: *1537-00 Bradley University Search Certified Programs Certified Program: PB DOTL ONet Code Test CIP Code: 110202 CIP Description: Computer Programming, Specific Applications View Available Search * O*Net Code: Requires O*Net approved for Certified Program Start Date: 02/14/2022



• The View Available displays all O*Nets that are approved for the Certified Training Program. Note the list is color coded to reflect the tier colors in the DOTL Notice attachment.

IWDS	Development System Case Management
nus	Occupation: Search
Staff Menu Customer Menu pplication Menu	Pick Network and Computer Systems Administrators 151244 Advanced Education
e Notes Add Case Notes	Return to Finder Cancel
List Case Notes versal Services	Copyright 2004 by the State of Illinois. Using this web site indicates acceptance of DCEO User Agreement and IWDS Privacy Notice .
<u>List All Services</u> <u>Os</u>	
Done: Log Off	



	···-
*Green Related:	Yes V
Provider:	*1537-00 Bradley University * Search Providers
Certified Program:	PB DOTL ONet Code Test Search Certified Programs
CIP Code:	110202
CIP Description:	Computer Programming, Specific Applications
* O*Net Code:	
	Requires O*Net approved for Certified Program
•	Network and Computer Systems Administrators
Start Date:	02/14/2022
End Date:	
*Current Status:	Open 💙
*Weekly Hours:	
*Bridge Program Activity?	No 🗸
Comments:	







DOTL Petition Process

- Review Current DOTL to Ensure Occupation is NOT currently In-Demand
 - Submit appropriate 2019 O*Net/SOC only
- Complete Demand Occupation Petition (OET/DOLT Form #001)
 - Include ALL requested information, when appropriate to ensure full disclosure of reason for petition
 - Utilize attached documents to provide additional information including screen shots of new or updated data and information, employer attestation of short- and long-term needs, detailed justification and all other relevant information
- LWIB Chairperson Name and Signature MUST be included
- Submit to OET via the DOTL email: CEO.OET.demandocc@illinois.gov
 - Please do not submit directly to OET Staff as there is a team assigned to receive and review each Petition
- May email ahead of development of Petition to request if occupation is already under consideration from another LWIB



DOTL Petition – Key Considerations

- If Occupation currently doesn't meet DOTL Criteria, is your justification and information strong enough to merit consideration for approval.
- Education and Training Criteria will NOT be relaxed for Petition approval
 - Petition justification and information MUST indicate a majority of employers (not simply one or two in the local area) seek education and training within the criteria boundaries (i.e. Level 7 – High School Diploma or equivalent plus Moderate-term OJT to Level 25 – Bachelor's Degree plus Long-term OJT)
 - Exception to this is a State Priority where success of a grant depends on ability to train for occupations above Level 25.
 - In such instances where an occupation is approved, LWIBs must use caution in ensuring ALL local and state policies are complied, including ITA and other cost limitations
- Partner with other LWIBs to submit as the combination of information and data might support an approval when a single LWIB submission might not



DOTL Petition – Local Steps

- What new or revised data is available to include in Petition?
 - Increase in projected job openings IDES, O*Net or other data
 - Private sources such as Burning Glass, INDEED, Monster, or other sources of job "postings" should be supported by information and screen shots of occupation and geography searched
 - Search results may include multiple postings not related to the petition occupation
 - Postings and openings of today may not accurately reflect openings of the future when a participant might be completing a training program
 - Historical success in employment placement
 - Historical success in training completions
 - Employer attestations
 - Are employers in the area committed to hiring WIOA participants upon training completion
 - Work with training providers to ensure the occupations which a training program can effectively prepare a student are all captured with related O*Net codes
 - This is important with a new list to ensure training providers have updated their programs to reflect all of the appropriate 2019 codes, especially those that are in-demand



DOTL Petition – Approval



- Information that has assisted with approval
 - New data was provided indicating more AAJO or higher wages than previously available, especially for an occupation with no previous data available (N/A)
 - Average Annual Job Openings (AAJO) were marginally below the policy criteria, but wages were significantly higher than criteria
 - Considerable number of Job Postings in industries/occupations expected to remain in high demand for foreseeable future (i.e. healthcare, manufacturing, hospitality)
 - New information that majority of employer expectations for employment in occupation was within E/T range



DOTL Petition – Denial

- Information that has not substantiated need to approve
 - Too Low or too High education/training levels remain unchanged
 - Employer request letter had no data or information to support claim of need
 - Petition provided no new AAJO or wage data
 - Current Job Postings and Openings not supported with longterm projection of need or were dated or required high level of experience
 - Current Job Postings and Openings included many unrelated to O*Net Code and Title being Petitioned (Occupational Safety and Health Specialist provided list of occupations with "safety" or "health" such as Senior Investigator, Senior Data Analyst, Community Relations Manager





Alternatives for Non-Demand Occupations

- Consider exceptions to WIOA Policy 7.3 requirement for demand occupations in selecting training programs
 - Work-Based Learning opportunities such as Registered Apprenticeship Programs (RAPs), On-the-Job Training or Customized Training
 - Employers are involved in development of the training program
 - · Training meets the direct needs of the employer
 - Training plan may be faster than traditional programs
 - Training includes real experience beyond basic information
 - Participant is in an "learn and earn" model where they have income during training
 - Participant must be employed upon successful completion of the training program
 - Career Pathways
 - Occupation may not be in demand, but it is the stepping-stone to an occupation that is in demand for which the participant is willing to also train
 - Referrals to other sources of funding such as WIOA Partners







What's Next in WIOA Performance Technical Assistance?



- <u>February 23, 2022, 1:00 2:30pm</u>
 WIOA Program Exits (Rescheduled from February 2, 2022)
- March TBD
 WIOA Performance Measures Best Practices Virtual Roundtable
- Calendar Year 2022

Career Planning
Title I Services Matrix
Illinois Performance and Transparency System (IPATS)
Effectiveness in Serving Employers
Local Negotiations for PY2022/2023
Performance Reporting
Annual Statewide Performance Report

Recorded Sessions: Illinois workNet Videos and Training Materials

To Subscribe to receive Workforce Weekly Professional Development Announcements:



Performance Contacts



Mark Burgess

Performance Measures Manager

⊠ Mark.a.burgess@Illinois.gov

1C: 217.970.0061

Paula Barry

Performance, Technology and Reporting

⊠ Paula.barry@Illinois.gov



