Shawnee
Community College

Labor Market Analysis

Office of Institutional Effectiveness

January 2025

Parameters

Timeframe- 2024-2034

Counties

- Alexander County, IL
- Jackson County, IL
- Johnson County, IL
- Massac County, IL
- Pope County, IL
- Pulaski County, IL
- Union County, IL
- Williamson County, IL
- McCracken County, KY
- Cape Girardeau County, MO

Education Levels

- Some college, no degree
- Postsecondary non-degree award
- Associate's degree

Class of Worker

- Employees
- Self-Employed

Data Source: Lightcast™.(2025). *Highest ranked occupations*. Retrieved January 2025.

Living Wage

Data Source: Massachusetts Institute of Technology (2025). *Living wage calculator.* Retrieved January 2025.

Wage Considerations for 5 County Service Area

- Minimum Wage- $15.00
- Approximate Hourly Living Wage-
  - 1 Adult, NO Children- $18.82
  - 1 Adult with 1-3 children- $32.03-$51.23 ($41.17 average)
  - 2 Adults (1 Working), NO Children- $27.10
  - 2 Adults (1 Working), 1-3 children- $31.36-$38.81 ($35.53 average)
  - 2 Adults (BOTH Working), NO Children- $13.55
  - 2 Adults (BOTH Working), 1-3 children- $18.25-$25.47 ($22.23 average)

Living Wage Threshold for This Report- $19.00

Largest Occupations

Top 30 of 2024

Data Source: Lightcast™.(2025). Highest ranked occupations. Retrieved January 2025.

Occupation *indicates High Need/Living Wage Highlight indicates SCC Program	Top Programs That Train for the Occupation	2024 Jobs	2034 Jobs	Change in Jobs (2024-2034)	% Change
Nursing Assistants	51.3902 Nursing Assistant	2,252	2,553	301	13%
Heavy and Tractor-Trailer Truck Drivers *	49.0205 Truck & Bus Driver/Commercial Operator & Instructor	2,014	2,110	96	5%
Teaching Assistants, Except Postsecondary	19.0709 Childcare Provider **We have these courses attached to Vocational Skills program*; 13.1001 Spec Ed Teacher; 13.1210 ECE Teacher	1,609	1,708	99	6%
Bookkeeping, Accounting, and Auditing Clerks	52.0301 Accounting	1,448	1,405	(43)	(3%)
Licensed Practical and Licensed Vocational Nurses *	51.3901 Licensed Practical/Vocational Nurse	1,194	1,340	146	12%
Medical Assistants	51.0716 Medical Admin Assist; 51.0801 Medical Assist; 51.0713 Medical Coding Spclst/Medical Coder **We have all three*	1,069	1,201	132	12%
Automotive Service Technicians and Mechanics	47.0604 Automotive Technician	995	1,022	27	3%
Captains, Mates, and Pilots of Water Vessels *	49.0399 Marine Transportation	867	912	45	5%
Hairdressers, Hairstylists, and Cosmetologists	12.0401 Cosmetology/Cosmetologist	524	539	14	3%
Preschool Teachers, Except Special Education	19.0708 Childcare & Support Services Mgt; 13.1210 ECE Teacher	488	527	39	8%
Dental Assistants	51.0601 Dental Assistant	472	527	55	12%
Computer User Support Specialists *	52.0201 Business Management; 11.0103 Computer Systems & Security	449	459	10	2%
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	47.0201 HVAC & Refrigeration Technician	399	432	33	8%
Radiologic Technologists and Technicians *	51.0907 Radiation Therapist Tech; 51.0911 Radiographer Tech	353	371	18	5%
Civil Engineering Technologists and Technicians *	15.0000 Engineering Technicians	283	293	10	4%
Medical Records Specialists	51.0706 Health Info/Records Admin	283	305	22	8%
Respiratory Therapists *	51.0908 Respiratory Care Therapy/Therapist	259	291	32	12%
Surgical Technologists	51.0909 Surgical Tech **Dissolved SICCM; not projected as a growing occupation*	258	267	9	3%
Psychiatric Technicians	51.1502 Mental Health Tech; 30.1101 Gerontology **We used to have both*	240	263	23	9%
Firefighters	51.0904 EMT **We have these courses attached to Vocational Skills program*	237	240	3	1%
Emergency Medical Technicians	51.0904 EMT **We have these courses attached to Vocational Skills program*	230	257	27	12%
Physical Therapist Assistants *	51.0806 Physical Therapy Assistant	228	264	36	16%
Dental Hygienists *	51.0602 Dental Hygiene/Hygienist	210	239	28	13%
Paralegals and Legal Assistants	22.0302 Legal Assistant/Paralegal	210	210	(1)	(0%)
Telecommunications Equipment Installers and Repairers, Except Line Installers	15.1202 Computer/Computer Systems Technology/Technician	190	156	(34)	(18%)
Computer Network Support Specialists *	11.0101 Computer/Info Sciences; 11.1003 Computer/Info Systems	181	183	3	2%
Paramedics	51.0904 EMT **We have these courses attached to Vocational Skills program*	180	191	11	6%
Phlebotomists	51.1009 Phlebotomy **We have this course attached to the MA program*	177	190	13	7%
Health Technologists and Technicians, All Other	Most 51.000 Health Sciences programs	176	192	16	9%
Ship Engineers	49.0399 Marine Transportation	128	134	6	5%

Data Source: Lightcast™.(2025). Highest ranked occupations. Retrieved January 2025.

Highest Paying Occupations

Top 30 in 2024

- Not already appearing on the previous list
- Did not include “Supervisors of” any of the professions listed

Data Source: Lightcast™.(2025). Highest ranked occupations. Retrieved January 2025.

Occupation	Top Programs That Train for the Occupation	2024 Jobs	2034 Jobs	Change in Jobs (2024-2034)	% Change
Air Traffic Controllers	49.0105 Air Traffic Controller	16	16	0	3%
Nuclear Medicine Technologists	51.0905 Nuclear Medical Technology/Technologist	26	27	1	4%
Captains, Mates, and Pilots of Water Vessels	49.0399 Marine Transportation	867	912	45	5%
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	47.0199 Electrical/Electronics Maintenance and Repair Techs	28	28	1	3%
Ship Engineers	49.0399 Marine Transportation	128	134	6	5%
Web and Digital Interface Designers	11.0801 Web Page, Digital/Multimedia and Information Resource Design	26	37	10	39%
Dental Hygienists	51.0602 Dental Hygiene/Hygienist	210	239	28	13%
Diagnostic Medical Sonographers	51.0910 Diagnostic Medical Sonography/Sonographer and Ultrasound Tech	123	140	17	14%
Web Developers *	11.0101 Computer/Info Sciences (the associates level degree)	33	41	8	23%
First-Line Supervisors of Firefighting and Prevention Workers	51.0904 EMT **We have these courses attached to Vocational Skills program*	48	51	2	5%
Magnetic Resonance Imaging Technologists *	51.0920 Magnetic Resonance Imaging (MRI) Technology/Technician.	58	62	4	7%
Surgical Assistants	51.0909 Surgical Technology/Technologist.	51	52	1	2%
Electrical and Electronic Engineering Technologists and Technicians *	15.0000 Engineering Tech; 15.0613 Manufacturing Engineering Tech; 15.0303 Electrical, Electronic, and Communications Engineering Tech; 15.0399 Electrical/Electronic Engineering Tech; **15.1202 Computer/Computer Systems Tech- *This is our program***	40	44	4	10%
Engineering Technologists and Technicians, Except Drafters, All Other	15.0000 Engineering Tech; 15.0613 Manufacturing Engineering Tech; 15.0303 Electrical, Electronic, and Communications Engineering Tech; 15.0399 Electrical/Electronic Engineering Tech; **15.1202 Computer/Computer Systems Tech- *This is our program***	32	35	3	10%
Medical Equipment Repairers	15.0401 Biomedical Technology/Technician	60	67	7	11%
Healthcare Practitioners and Technical Workers, All Other	51.0711 Medical/Health Management and Clinical Assistant/Specialist.	31	34	3	9%
Respiratory Therapists	51.0908 Respiratory Care Therapy/Therapist	259	291	32	12%
Cardiovascular Technologists and Technicians	51.0901 Cardiovascular Technology/Technologist; 51.0902 Electrocardiograph Technology/Technician; 51.0906 Perfusion Technology/Perfusionist; 51.0915 Cardiopulmonary Technology/Technologist	44	48	5	11%
Electrical and Electronics Repairers, Commercial and Industrial Equipment *	15.0000 Engineering Tech; 15.0613 Manufacturing Engineering Tech; 15.0303 Electrical, Electronic, and Communications Engineering Tech; 15.0399 Electrical/Electronic Engineering Tech; **15.1202 Computer/Computer Systems Tech- *This is our program***	32	34	2	7%
Industrial Engineering Technologists and Technicians *	15.0612 Industrial Tech; 47.0303 Industrial Mechanics & Maintenance Tech; 15.0000 Engineering Tech; 15.1501 Engineering/Industrial Management	39	44	5	13%
Radiologic Technologists and Technicians	51.0907 Medical Radiologic Technology/Science - Radiation Therapist	353	371	18	5%
Occupational Therapy Assistants *	51.0803 Occupational Therapist Assistant	71	83	13	18%
Mechanical Drafters *	15.1301 Drafting and Design Tech; 15.0000 Engineering Tech	21	22	2	8%
Aircraft Mechanics and Service Technicians *	15.0801 Aeronautical/Aerospace Engineering Technology/Technician	60	64	3	6%
Physical Therapist Assistants	51.0806 Physical Therapy Assistant	228	264	36	16%
Telecommunications Equipment Installers and Repairers, Except Line Installers	47.0103 Communications Systems Installations and Repair Technology/Technician	190	156	(34)	(18%)
Licensed Practical and Licensed Vocational Nurses	51.3901 Licensed Practical/Vocational Nurse	1,194	1,340	146	12%
Computer Numerically Controlled Tool Programmers	48.0510 Computer Numerically Controlled (CNC) Machinist Technology/CNC Machinist	23	27	3	14%
Environmental Science and Protection Technicians, Including Health	15. 0506 Water Quality and Wastewater Treatment Management and Recycling Technology/Technician; 15.0507 Environmental/Environmental Engineering Technology/Technician; 15.0508 Hazardous Materials Management and Waste Technology/Technology	22	26	3	16%
Geological Technicians, Except Hydrologic Technicians	40.0601 Geology/Earth Science, General	19	22	2	12%

Data Source: Lightcast™.(2025). Highest ranked occupations. Retrieved January 2025.

Highest Need/Living Wage Occupations- Current Programs at SCC

- Our area is a hotspot for this occupation

Data Source: Lightcast™.(2025). Highest ranked occupations. Retrieved January 2025.

- **Healthcare Occupations-** ***Associates degree**
  - Licensed Practical Nurse ($26.74 median)
    - 491 completers in 2023 (WKCTC, JALC, Cape CTC, SCC)
  - Occupational Therapist Assistant ($29.54 median)
    - 9 completers in 2023 (SCC, JALC)
- **Transportation and Material Moving Occupations-** ***Less than associate**
  - Heavy and Tractor-Trailer Drivers ($23.04 entry)
    - 53 completers in 2023 (SCC only)

Data Source: Lightcast™.(2025). Highest ranked occupations. Retrieved January 2025.

- **Installation, Maintenance & Repair Occupations⁺ -** ***Associates degree and less**
  - Electrical/Electronics Installers & Repairers- Transportation Equipment ($21.26 entry)
    - 83 completers in 2023 (WKCTC, SCC, JALC, Cape CTC)

- **Computer and Mathematical Occupations-** ***Associate degree & higher**
  - Computer User Support Specialist ($20.70 median)
    - 1,543 completers in 2023 (WKCTC, SEMO, SIUC, JALC, Cape CTC, SCC)
      - Includes all programs that led to a job in this occupation. 594 were computer/IT specific
  - Computer Network Specialist ($24.84 entry)
    - 641 completers in 2023 (WKCTC, SEMO, SIUC, JALC, Cape CTC)

Data Source: Lightcast™.(2025). Highest ranked occupations. Retrieved January 2025.

Highest Need/Living Wage Occupations- Programs not currently at SCC

- Our area is a hotspot for this occupation

Data Source: Lightcast™.(2025). Highest ranked occupations. Retrieved January 2025.

- **Healthcare Occupations-** ***Associates degree**
  - Radiologic Technologists and Technicians ($29.77 median)*
    - 147 completers in 2023 (SIUC, WKCTC, Southeast Hospital NHS)
  - Respiratory Therapists ($31.23 median)*
    - Only 9 completer in 2023 (Cape CTC)
  - Dental Hygienists ($36.43 median)*
    - 40 completers in 2023 (SIUC, WKCTC)
  - Physical Therapy Assistants ($28.83 median)*
    - 52 completers in 2023 (SIUC, WKCTC, Cape CTC)
  - Diagnostic Medical Sonographers ($35.10 median)*
    - 11 completers in 2023 (WKCTC)
  - Magnetic Resonance Imaging Technologists ($34.15 median)*
    - 0 completers in 2023

Data Source: Lightcast™.(2025). Highest ranked occupations. Retrieved January 2025.

- **Computer and Mathematical Occupations-** ***Associate degree & higher**
  - Web Developer ($34.91 median)
    - 541 completers in 2023 (WKCTC, SEMO, SIUC, Cape CTC, JALC)
      - This stat is heavily fed by several programs, including bachelor degrees, so completers include everyone from all these programs (not specific to web developers)
    - Median wage is lower than national average
- **Transportation and Material Moving Occupations-** ***Less than associate**
  - Commercial Divers ($18.32)
  - Captains, Mates, and Pilots of Water Vessels ($54.71)
    - 13 completers in 2023 (WKCTC)- for the program aligned to both of these professions
    - Entry wage is higher than national average
    - Number of jobs in our region is 867 versus average of 38 nationally

Data Source: Lightcast™.(2025). Highest ranked occupations. Retrieved January 2025.

- **Architectural and Engineering Occupations⁺⁻** ***Associates degree and less**
  - Civil Engineering Technicians ($22.38 median)
    - 49 completers in 2023 (SEMO, SIUC)
  - Aircraft Mechanics and Service Technicians ($28.94 median)
    - 2 completers in 2023 (SEMO)
  - Mechanical Drafters ($29.08 median)
    - 66 completers in 2023 (WKCTC, SEMO)
  - Industrial Engineering Technologists and Technicians ($30.45 median)
    - 232 completers in 2023 (SEMO, SIUC, WKCTC, JALC, SCC- none of our CIPs align)
      - Includes every completer from a program that led to the job
  - Electrical & Electronics Engineering Tech ($32.69 median)
    - 107 completers in 2023 (SIUC, SEMO, WKCTC, JALC, Cape CTC, SCC)
      - This includes Computer Technician completers

Data Source: Lightcast™.(2025). Highest ranked occupations. Retrieved January 2025.

- **Installation, Maintenance & Repair Occupations[+] -**
  ***Associates degree and less**
  - Electrical/Electronics Repairers- Commercial & Industrial Equipment ($30.84 median)
    - 165 completers in 2023 (WKCTC, JALC, SIUC, Cape CTC, SEMO)
      - » This also includes all HVAC completers (which we have but does not specifically train)
  - Medical Equipment Repairers ($31.73 median)
    - 15 completer in 2023 (JALC, SIUC)
    - Median wage is higher than national average

Data Source: Lightcast™.(2025). Highest ranked occupations. Retrieved January 2025.

- **+The programs that prepare for these occupations crossover with one another. The following program CIP codes appeared often and should be considered:** 15.0000 Engineering Tech; 15.1301 Drafting and Design Tech; 15.0303 Electrical, Electronic, and Communications Engineering Tech; 47.0303 Industrial Mechanics and Maintenance Tech