Shawnee Community College

Labor Market Analysis

Office of Institutional Effectiveness

September 2023

Parameters

Timeframe- 2023-2033

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™.(2023). *Highest ranked occupations*. Retrieved September 2023.

Living Wage

Data Source: Massachusetts Institute of Technology (2023). *Living wage calculator.* Retrieved September 2023.

Wage Considerations for 5 County Service Area

- Minimum Wage- $13.00
- Approximate Hourly Living Wage-
  - 1 Adult, NO Children- $15.50
  - 1 Adult with 1-3 children- $32.00-$53.00
  - 2 Adults (1 Working), NO Children- $26.00
  - 2 Adults (1 Working), 1-3 children- $32.00-$40.00
  - 2 Adults (BOTH Working), NO Children- $13.00
  - 2 Adults (BOTH Working), 1-3 children- $18.00-$27.00

Living Wage Threshold for This Report- $16.00

Largest Occupations

Top 30 of 2023

Data Source: Lightcast™.(2023). Highest ranked occupations. Retrieved September 2023.

Occupation *indicates High Need/Living Wage Highlight indicates SCC Program	Top Programs That Train for the Occupation	2023 Jobs	2033 Jobs	Change in Jobs (2023-2033)	% Change
Nursing Assistants	51.3902 Nursing Assistant	2,172	2,563	391	18%
Heavy and Tractor-Trailer Truck Drivers *	49.0205 Truck & Bus Driver/Commercial Operator & Instructor	1,999	2,231	232	12%
Bookkeeping, Accounting, and Auditing Clerks	52.0301 Accounting	1,799	1,807	7	0%
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	1,494	1,665	171	11%
Licensed Practical and Licensed Vocational Nurses *	51.3901 Licensed Practical/Vocational Nurse	1,185	1,371	186	16%
Medical Assistants	51.0716 Medical Admin Assist; 51.0801 Medical Assist; 51.0713 Medical Coding Spclst/Medical Coder **We have all three*	1,078	1,224	146	14%
Automotive Service Technicians and Mechanics	47.0604 Automotive Technician	1,020	1,050	30	3%
Captains, Mates, and Pilots of Water Vessels *	49.0399 Marine Transportation	851	954	103	12%
Hairdressers, Hairstylists, and Cosmetologists	12.0401 Cosmetology/Cosmetologist	519	530	11	2%
Heating, Air Conditioning, Refrigeration	47.0201 HVAC & Refrigeration Technician	503	517	15	3%
Preschool Teachers, Except Special Education	19.0708 Childcare & Support Services Mgt; 13.1210 ECE Teacher	464	558	93	20%
Psychiatric Technicians	51.1502 Mental Health Tech; 30.1101 Gerontology **We used to have both*	442	491	49	11%
Computer User Support Specialists *	52.0201 Business Management; 11.0103 Computer Systems & Security	418	438	20	5%
Radiologic Technologists and Technicians *	51.0907 Radiation Therapist Tech; 51.0911 Radiographer Tech	379	385	6	2%
Dental Assistants	51.0601 Dental Assistant	369	414	46	12%
Firefighters	51.0904 EMT **We have these courses attached to Vocational Skills program*	309	323	15	5%
Medical Records Specialists	51.0716 Medical Admin Assist; 51.0713 Medical Coding Spclst/Coder; 51.0706 Health Info/Records Admin	305	311	6	2%
Civil Engineering Technologists and Technicians *	15.0000 Engineering Technicians	278	291	13	5%
Respiratory Therapists *	51.0908 Respiratory Care Therapy/Therapist	248	265	16	7%
Surgical Technologists	51.0909 Surgical Tech **Dissolved SICCM; not projected as a growing occupation*	244	245	0	0%
Computer Network Support Specialists *	11.0101 Computer/Info Sciences; 11.1003 Computer/Info Systems Security; 11.0103 Information Technology- *This is our program*	237	238	1	0%
Health Technologists and Technicians, All Other	Most 51.000 Health Sciences programs	236	261	25	11%
Dental Hygienists *	51.0602 Dental Hygiene/Hygienist	231	260	30	13%
Physical Therapist Assistants *	51.0806 Physical Therapy Assistant	212	227	15	7%
Emergency Medical Technicians	51.0904 EMT **We have these courses attached to Vocational Skills program*	189	207	18	10%
Paramedics	51.0904 EMT **We have these courses attached to Vocational Skills program*	188	195	7	4%
Telecommunications Equipment Installers and Repairers, Except Line Installers	15.1202 Computer/Computer Systems Technology/Technician	181	173	(8)	(4%)
Paralegals and Legal Assistants	22.0302 Legal Assistant/Paralegal	168	185	17	10%
Phlebotomists	51.1009 Phlebotomy **We have this course attached to the MA program*	134	153	19	14%
Tool and Die Makers	48.0507 Tool & Die Technician	127	114	(13)	(11%)

Data Source: Lightcast™.(2023). Highest ranked occupations. Retrieved September 2023.

Highest Paying Occupations

Top 30 in 2023

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

Data Source: Lightcast™.(2023). Highest ranked occupations. Retrieved September 2023.

Occupation *indicates High Need/Living Wage Highlight indicates SCC Program	Top Programs That Train for the Occupation	2023 Jobs	2033 Jobs	Change in Jobs (2023-2033)	% Change
Ship Engineers	49.0399 Marine Transportation	10	24	13	124%
Web Developers *	11.0101 Computer/Info Sciences (the associates level degree)	71	86	16	22%
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	47.0199 Electrical/Electronics Maintenance and Repair Techs	24	25	1	5%
Insurance Appraisers, Auto Damage	52.0801 Finance, General; **47.0603 Autobody/Collision and Repair Technology/Technician- *This is our program***	39	32	(7)	(19%)
Diagnostic Medical Sonographers *	51.0910 Diagnostic Medical Sonography/Sonographer and Ultrasound Tech	82	90	7	9%
Aircraft Mechanics and Service Technicians *	15.0801 Aeronautical/Aerospace Engineering Technology/Technician	121	144	22	18%
Magnetic Resonance Imaging Technologists *	51.0920 Magnetic Resonance Imaging (MRI) Technology/Technician.	59	60	1	2%
Commercial Divers *	49.0399 Marine Transportation	13	15	2	18%
Electrical and Electronics Drafters *	15.1301 Drafting and Design Tech; 15.0000 Engineering Tech; 15.0303 Electrical, Electronic, and Communications Engineering Tech	30	31	1	3%
Electrical and Electronics Installers and Repairers, Transportation Equipment *	47.0604 Automobile/Automotive Mechanics Tech; 47.0603Autobody/Collision and Repair Tech- *Both are our programs*	15	16	2	10%
Court Reporters and Simultaneous Captioners	10.0204 Voice Writing Technology/Technician.	10	10	0	4%
Electrical and Electronics Repairers, Commercial and Industrial Equipment	47.0303 Industrial Mechanics and Maintenance Tech; **47.0201 HVAC & Refrigeration Technician-*This is our program***; 15.0303 Electrical, Electronic, and Communications Engineering Tech	22	27	5	22%
Mechanical Drafters *	15.1301 Drafting and Design Tech; 15.0000 Engineering Tech	35	39	4	13%
Mechanical Engineering Technologists and Technicians *	15.0803 Automotive Engineering Tech; 15.0000 Engineering Tech	12	16	4	30%
Occupational Therapy Assistants *	51.0803 Occupational Therapist Assistant	82	94	11	14%
Medical Equipment Repairers	15.0401 Biomedical Technology/Technician	93	111	18	19%
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***	68	74	5	8%
Industrial Engineering Technologists and Technicians *	15.0612 Industrial Tech; 47.0303 Industrial Mechanics & Maintenance Tech; 15.0000 Engineering Tech; 15.1501 Engineering/Industrial Management	37	44	8	21%

Data Source: Lightcast™.(2023). Highest ranked occupations. Retrieved September 2023.

Highest Need/Living Wage Occupations- Current Programs at SCC

- Our area is a hotspot for this occupation

Data Source: Lightcast™.(2023). Highest ranked occupations. Retrieved September 2023.

- **Healthcare Occupations-** ***Associates degree**
  - Licensed Practical Nurse ($18.65 entry)*
    - 482 completers in 2021 (WKCTC, JALC, Cape CTC, SCC)
  - Occupational Therapist Assistant ($20.79 entry)*
    - 24 completers in 2021 (SCC, JALC)
- **Transportation and Material Moving Occupations-** ***Less than associate**
  - Heavy and Tractor-Trailer Drivers ($15.50 entry)
    - 30 completers in 2021 (SCC only)

Data Source: Lightcast™.(2023). Highest ranked occupations. Retrieved September 2023.

- **Installation, Maintenance & Repair Occupations+ - *Associates degree and less**
  - Electrical/Electronics Installers & Repairers- Transportation Equipment ($21.26 entry)
    - 95 completers in 2021 (WKCTC, SCC, JALC, Cape CTC, SEMO)

- **Computer and Mathematical Occupations- *Associate degree & higher**
  - Computer User Support Specialist ($16.47)
    - 1,821 completers in 2021 (WKCTC, SEMO, SIUC, JALC, Cape CTC, SCC)
      - Includes all programs that led to a job in this occupation. 389 were computer/IT specific
  - Computer Network Specialist ($19.44 entry)
    - 437 completers in 2021 (WKCTC, SEMO, SIUC, JALC, Cape CTC, SCC)

Data Source: Lightcast™.(2023). Highest ranked occupations. Retrieved September 2023.

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

- Our area is a hotspot for this occupation

Data Source: Lightcast™.(2023). Highest ranked occupations. Retrieved September 2023.

- **Healthcare Occupations-** ***Associates degree**
  - Radiologic Technologists and Technicians ($21.65 entry)*
    - 156 completers in 2021 (SIUC, WKCTC, Southeast Hospital NHS)
  - Respiratory Therapists ($23.55 entry)*
    - Only 1 completer in 2021 (SIUC)
  - Dental Hygienists ($26.25 entry)*
    - 44 completers in 2021 (SIUC, WKCTC)
  - Physical Therapy Assistants ($19.02 entry)
    - 44 completers in 2021 (SIUC, WKCTC, Cape CTC)
  - Diagnostic Medical Sonographers ($28.92 entry)*
    - 20 completers in 2021 (WKCTC, JALC)
  - Magnetic Resonance Imaging Technologists ($27.02 entry)*
    - 0 completers in 2021

Data Source: Lightcast™.(2023). Highest ranked occupations. Retrieved September 2023.

- **Computer and Mathematical Occupations-** ***Associate degree & higher**
  - Web Developer ($21.06 entry)
    - 326 completers in 2021 (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)
    - Entry wage is higher than national average
- **Transportation and Material Moving Occupations-** ***Less than associate**
  - Commercial Divers ($18.32)
  - Captains, Mates, and Pilots of Water Vessels ($31.55)
    - 18 completers in 2021 (WKCTC)- for the program aligned to both of these professions
    - Entry wage is higher than national average
    - Number of jobs in our region is 851 versus average of 49 nationally

Data Source: Lightcast™.(2023). Highest ranked occupations. Retrieved September 2023.

- **Architectural and Engineering Occupations[+]-** ***Associates degree and less**
  - Civil Engineering Technicians ($16.99 entry)
    - 30 completers in 2021 (SEMO, SIUC)
  - Aircraft Mechanics and Service Technicians ($22.21 entry)
    - 2 completers in 2021 (SEMO)
  - Electrical and Electronics Drafters ($22.86 entry)✹
    - 115 completers in 2021 (WKCTC, SEMO, SIUC, JALC)
    - Entry wage is higher than national average
  - Mechanical Drafters ($16.54 entry)
    - 98 completers in 2021 (WKCTC, SEMO, SIUC)
    - Entry wage is higher than national average
  - Mechanical Engineering Technicians ($18.11 entry)
    - 122 completers in 2021 (SIUC, SEMO)
  - Industrial Engineering Technologists and Technicians ($19.03 entry)
    - 239 completers in 2021 (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 ($17.79 entry)
    - 103 completers in 2021 (SIUC, SEMO, WKCTC, JALC, Cape CTC, SCC)
      - This includes Computer Technician completers

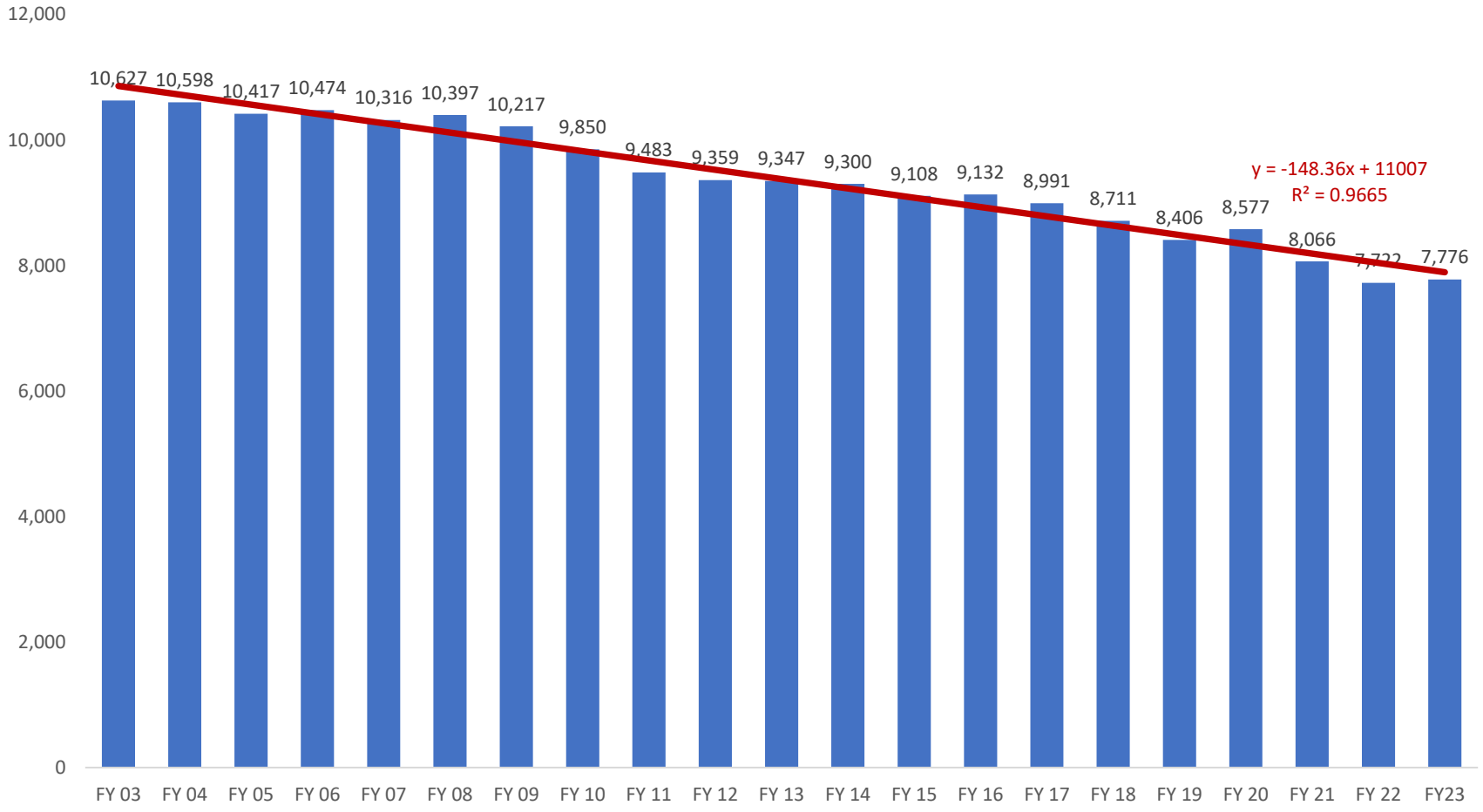
Data Source: Lightcast™.(2023). Highest ranked occupations. Retrieved September 2023.

- **Installation, Maintenance & Repair Occupations[+] -**
  ***Associates degree and less**
  - Electrical/Electronics Repairers- Commercial & Industrial Equipment ($17.75 entry)
    - 156 completers in 2021 (WKCTC, JALC, SIUC, Cape CTC, SEMO)
      - » This also includes all HVAC completers (which we have but does not specifically train)
  - Medical Equipment Repairers ($18.38 entry)
    - 1 completer in 2021 (JALC)
    - Entry wage is higher than national average

Data Source: Lightcast™.(2023). Highest ranked occupations. Retrieved September 2023.

- **+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

Shawnee Community College
K-12 Enrollment Trend



Data Source: Illinois State Board of Education.(2023). Fall enrollment counts. https://www.isbe.net/pages/fall-enrollment-counts.aspx