Career Pathway Map: Accounting Statewide

Information contained in this career pathways map encompasses the entire state of Pennsylvania. The information contains projections of anticipated openings, entry level salary, and job growth. Actual career pathways may look different depending on the individual and the local area job market.

Career Pathways programs provide:
- workplace skills instruction
- GED® Tests preparation
- academic skills specific to the industry
- entrance exam preparation
- postsecondary transition preparation
- English language skills instruction
- goal setting/case management support
- provide employability/soft skills instruction

Postsecondary education and training available through:
Local Career and Technology Centers
Local Business Schools
Local Technical Schools
Local Community Colleges
Local Universities

Accountants and Auditors
SOC Code 13-2011
Entry Level Salary $42,340
Projected Annual Openings 1,256

Bookkeeping, Accounting, Auditing Clerks
SOC Code 43-3031
Entry Level Salary $23,630
Projected Annual Openings 1,491

Billing, Cost, and Rate Clerks
SOC Code 43-3021
Entry Level Salary $24,530
Projected Annual Openings 304

Shipping Receiving and Traffic Clerks
SOC Code 43-5071
Entry Level Salary $22,790
Projected Annual Openings 696

Order Clerks
SOC Code 43-4151
Entry Level Salary $19,620
Projected Annual Openings 266

Sources of Information:

(Hardy, Institute for the Study of Adult Literacy, 2013)
# Career Pathway Map: Computer Support Statewide

Information contained in this career pathways map encompasses the entire state of Pennsylvania. The information contains projections of anticipated openings, entry level salary, and job growth. Actual career pathways may look different depending on the individual and the local area job market.

## Career Pathways programs provide:
- workplace skills instruction
- GED® Tests preparation
- academic skills specific to the industry
- entrance exam preparation
- postsecondary transition preparation
- English language skills instruction
- goal setting/case management support
- provide employability/soft skills instruction

## Postsecondary education and training available through:
- Local Career and Technology Centers
- Local Business Schools
- Local Technical Schools
- Local Community Colleges
- Local Universities

## Computer Systems Analysts
- SOC Code 15-1121
- Entry Level Salary $55,542
- Projected Annual Openings 929
- Usually requires technical training, on the job experience, or an Associate’s degree

## Network and Computer Systems Administrator
- SOC Code 15-1121
- Entry Level Salary $51,542
- Projected Annual Openings 530
- Usually requires technical training, on the job experience, or an Associate’s degree

## Database Administrators
- SOC Code 15-1141
- Entry Level Salary $50,861
- Projected Annual Openings 113
- Usually requires technical training, on the job experience, or an Associate’s degree

## Computer User Support Specialist
- SOC Code 15-1150
- Entry Level Salary $25,354
- Projected Annual Openings 744

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(Hardy, Institute for the Study of Adult Literacy, 2013)

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Sources of Information:
Career Pathway Map: Customer Service Statewide

Information contained in this career pathways map encompasses the state of Pennsylvania. The information contains projections of anticipated openings and entry level salary. Actual career pathways may look different depending on the individual and the local area job market.

Career Pathways programs provide:
- workplace skills instruction
- GED® Tests preparation
- academic skills specific to the industry
- entrance exam preparation
- postsecondary transition preparation
- English language skills instruction
- goal setting/case management support
- provide employability/soft skills instruction

Postsecondary education and training available through:
- Local Career and Technology Centers
- Local Business Schools
- Local Technical Schools
- Local Community Colleges
- Local Universities

Sources of Information:

General and Operations Managers
SOC Code 11-1021
Entry Level Salary $55,810
Projected Annual Openings 967

Cost Estimators
SOC Code 13-1051
Entry Level Salary $39,050
Projected Annual Openings 304

Customer Service Representatives
SOC Code 43-4051
Entry Level Salary $22,520
Projected Annual Openings 3,949

(Hardy, Institute for the Study of Adult Literacy, 2013)
Career Pathway Map: Electrical Drafters

Statewide

Information contained in this career pathways map encompasses the entire state of Pennsylvania. The information contains projections of anticipated openings, entry level salary, and job growth. Actual career pathways may look different depending on the individual and the local area job market.

Career Pathways programs provide:
- workplace skills instruction
- GED® Tests preparation
- academic skills specific to the industry
- entrance exam preparation
- postsecondary transition preparation
- English language skills instruction
- goal setting/case management support
- provide employability/soft skills instruction

Postsecondary education and training available through:
Local Career and Technology Centers
Local Business Schools
Local Technical Schools
Local Community Colleges
Local Universities
American Design Drafting Association (ADDA)

Mechanical Drafters
SOC Code 17-3013
Entry Level Salary $32,290
Projected Annual Openings 118

Usually requires technical training, on the job experience, or an Associate’s degree

Certifications: ADDA Drafter Certification, Mechanical Drafting Certificate

Electrical & Electronic Drafters
SOC Code 17-3012
Entry Level Salary $37,950
Projected Annual Openings 36

Usually requires technical training, on the job experience, or an Associate’s degree

Certifications: ADDA Drafter Certification, Electrical Drafting Certificate

 Helpers - Electricians
SOC Code 47-3013
Entry Level Salary $21,640
Projected Annual Openings 56


Sources of Information:

(Hardy, Institute for the Study of Adult Literacy, 2013)
Career Pathway Map: Electricians Statewide

Information contained in this career pathways map encompasses the entire state of Pennsylvania. The information contains projections of anticipated openings, entry level salary, and job growth. Actual career pathways may look different depending on the individual and the local area job market.

Career Pathways programs provide:
- workplace skills instruction
- GED® Tests preparation
- academic skills specific to the industry
- entrance exam preparation
- postsecondary transition preparation
- English language skills instruction
- goal setting/case management support
- provide employability/soft skills instruction

Postsecondary education and training available through:
- Local Career and Technology Centers
- Local Business Schools
- Local Technical Schools
- Local Community Colleges
- Local Universities

Supervisors of Mechanics, Installers & Repairers
SOC Code 49-1011
Entry Level Salary $45,390
Projected Annual Openings 350

Usually requires technical training, on the job experience, or an Associate's degree

Electrical and Electronics Installers & Repairers, Transportation Equipment
SOC Code 49-2093
Entry Level Salary $33,070
Projected Annual Openings 7

Usually requires technical training, on the job experience, or an Associate's degree

Electicians
SOC Code 47-2111
Entry Level Salary $35,570
Projected Annual Openings 679

Usually requires technical training, on the job experience, or an Associate's degree

Helpers - Installation, Maintenance & Repair Workers
SOC Code 49-9098
Entry Level Salary $17,810
Projected Annual Openings 163


(Hardy, Institute for the Study of Adult Literacy, 2013)

Sources of Information:
**Career Pathway Map: Machinists Statewide**

Information contained in this career pathways map encompasses the entire state of Pennsylvania. The information contains projections of anticipated openings, entry level salary, and job growth. Actual career pathways may look different depending on the individual and the local area job market.

**Career Pathways programs provide:**
- workplace skills instruction
- GED® Tests preparation
- academic skills specific to the industry
- entrance exam preparation
- postsecondary transition preparation
- English language skills instruction
- goal setting/case management support
- provide employability/soft skills instruction

**Postsecondary education and training available through:**
- Local Career and Technology Centers
- Local Business Schools
- Local Technical Schools
- Local Community Colleges
- Local Universities
- National Institute for Metalworking Skills (NIMS)

### Supervisors, Production and Operating Workers
SOC Code 51-1011
Entry Level Salary $37,000
Projected Annual Openings 515

### Computer Numerically Controlled Machine Tool Programmers
SOC Code 51-4012
Entry Level Salary $32,430
Projected Annual Openings 14

### Machinists
SOC Code 51-4041
Entry Level Salary $28,900
Projected Annual Openings 319

### Computer-Controlled Machine Tool Operators
SOC Code 51-4011
Entry Level Salary $26,740
Projected Annual Openings 95

### Multiple Machine Tool Operators and Tenders
SOC Code 51-4081
Entry Level Salary $24,290
Projected Annual Openings 112

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**Sources of Information:**
- Hardy, Institute for the Study of Adult Literacy, (2013)
Career Pathway Map: Maintenance Statewide

Information contained in this career pathways map encompasses the entire state of Pennsylvania. The information contains projections of anticipated openings, entry level salary, and job growth. Actual career pathways may look different depending on the individual and the local area job market.

Career Pathways programs provide:
- workplace skills instruction
- GED® Tests preparation
- academic skills specific to the industry
- entrance exam preparation
- postsecondary transition preparation
- English language instruction
- goal setting/case management support
- provide employability/soft skills instruction

Postsecondary education and training available through:
- Local Career and Technology Centers
- Local Business Schools
- Local Technical Schools
- Local Community Colleges
- Local Universities

Supervisors of Mechanics, Installers & Repairers
SOC Code 49-1011
Entry Level Salary $45,390
Projected Annual Openings 350

Industrial Machinery Mechanics
SOC Code 49-9041
Entry Level Salary $32,900
Projected Annual Openings 401

Maintenance Workers, Machinery
SOC Code 49-9043
Entry Level Salary $28,040
Projected Annual Openings 217

Helpers - Installation, Maintenance & Repair Workers
SOC Code 49-9098
Entry Level Salary $17,810
Projected Annual Openings 163

Sources of Information:

(Hardy, Institute for the Study of Adult Literacy, 2013)
Career Pathway Map: Office Workers
Statewide

Information contained in this career pathways map encompasses the entire state of Pennsylvania. The information contains projections of anticipated openings, entry level salary, and job growth. Actual career pathways may look different depending on the individual and the local area job market.

Career Pathways programs provide:
- workplace skills instruction
- GED® Tests preparation
- academic skills specific to the industry
- entrance exam preparation
- postsecondary transition preparation
- English language skills instruction
- goal setting/case management support
- provide employability/soft skills instruction

Postsecondary education and training available through:
- Local Career and Technology Centers
- Local Business Schools
- Local Technical Schools
- Local Community Colleges
- Local Universities

### Office Workers Career Pathway

**Supervisors of Office and Administrative Support Workers**

- SOC Code 43-1011
- Entry Level Salary $34,630
- Projected Annual Openings 1,069

**Executive Secretaries and Administrative Assistants**

- SOC Code 43-6011
- Entry Level Salary $33,560
- Projected Annual Openings 776

**Secretaries and Administrative Assistants**

- SOC Code 43-6014
- Entry Level Salary $22,160
- Projected Annual Openings 1,498

**Office Clerks**

- SOC Code 43-9061
- Entry Level Salary $19,200
- Projected Annual Openings 3,261

Usually requires technical training, on the job experience, or an Associate's degree

Sources of Information:

(Hardy, Institute for the Study of Adult Literacy, 2013)
Career Pathway Map: Computer Programmers
Statewide

Information contained in this career pathways map encompasses the entire state of Pennsylvania. The information contains projections of anticipated openings, entry level salary, and job growth. Actual career pathways may look different depending on the individual and the local area job market.

Career Pathways programs provide:
- workplace skills instruction
- GED® Tests preparation
- academic skills specific to the industry
- entrance exam preparation
- postsecondary transition preparation
- English language skills instruction
- goal setting/case management support
- provide employability/soft skills instruction

Postsecondary education and training available through:
Local Career and Technology Centers
Local Business Schools
Local Technical Schools
Local Community Colleges
Local Universities

Computer Programmers
SOC Code 15-1131
Entry Level Salary $54,183
Projected Annual Openings 422

Software Developers, Applications Systems
SOC Code 15-1132
Entry Level Salary $59,040
Projected Annual Openings 530

Web Developers
SOC Code 15-1134
Entry Level Salary $51,075
Projected Annual Openings 146

Computer and Information Systems Managers
SOC Code 11-3021
Entry Level Salary $77,370
Projected Annual Openings 184

Software Developers, Systems Software
SOC Code 15-1133
Entry Level Salary $62,515
Projected Annual Openings 293

Computer and Information Systems
Managers
SOC Code 11-3021
Entry Level Salary $77,370
Projected Annual Openings 184

Software Developers, Applications Systems
SOC Code 15-1132
Entry Level Salary $59,040
Projected Annual Openings 530

Computer Programmers
SOC Code 15-1131
Entry Level Salary $54,183
Projected Annual Openings 422

Web Developers
SOC Code 15-1134
Entry Level Salary $51,075
Projected Annual Openings 146

(For Postsecondary education and training available through:
Local Career and Technology Centers
Local Business Schools
Local Technical Schools
Local Community Colleges
Local Universities

Sources of Information:
-Hardy, Institute for the Study of Adult Literacy, 2013)
Career Pathway Map: Sales Statewide

Information contained in this career pathways map encompasses the entire state of Pennsylvania. The information contains projections of anticipated openings, entry level salary, and job growth. Actual career pathways may look different depending on the individual and the local area job market.

**Career Pathways programs provide:**
- workplace skills instruction
- GED® Tests preparation
- academic skills specific to the industry
- entrance exam preparation
- postsecondary transition preparation
- English language skills instruction
- goal setting/case management support
- provide employability/soft skills instruction

**Postsecondary education and training available through:**
- Local Career and Technology Centers
- Local Business Schools
- Local Technical Schools
- Local Community Colleges
- Local Universities

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**Sales Managers**
SOC Code 11-2022
Entry Level Salary $61,060
Projected Annual Openings 228

**Sales Representatives, Wholesale and Manufacturing**
SOC Code 41-4012
Entry Level Salary $35,610
Projected Annual Openings 2,007

**Order Fillers, Wholesale and Retail Sales**
SOC Code 43-5081
Entry Level Salary $16,990
Projected Annual Openings 1,704

**Customer Service Representatives**
SOC Code 43-4051
Entry Level Salary $22,520
Projected Annual Openings 3,949

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Sources of Information:

(Handy, Institute for the Study of Adult Literacy, 2013)
Career Pathway Map: Shipping and Receiving
Statewide

Information contained in this career pathways map encompasses the entire state of Pennsylvania. The information contains projections of anticipated openings, entry level salary, and job growth. Actual career pathways may look different depending on the individual and the local area job market.

Career Pathways programs provide:
- workplace skills instruction
  - GED® Tests preparation
  - academic skills specific to the industry
  - entrance exam preparation
  - postsecondary transition preparation
  - English language skills instruction
  - goal setting/case management support
  - provide employability/soft skills instruction

Postsecondary education and training available through:
- Local Career and Technology Centers
- Local Business Schools
- Local Technical Schools
- Local Community Colleges
- Local Universities

Shipping and Receiving Career Pathway

Shipping Receiving and Traffic Clerks
SOC Code 43-5071
Entry Level Salary $22,790
Projected Annual Openings 696

Transportation Managers
SOC Code 11-3071
Entry Level Salary $57,810
Projected Annual Openings 120

Freight and Cargo Inspectors
SOC Code 53-6051
Entry Level Salary $46,450
Projected Annual Openings 38

Cargo and Freight Agents
SOC Code 43-5011
Entry Level Salary $27,530
Projected Annual Openings 79

Dispatchers
SOC Code 43-5032
Entry Level Salary $26,410
Projected Annual Openings 170

Shipping Receiving and Traffic Clerks
SOC Code 43-5071
Entry Level Salary $22,790
Projected Annual Openings 696

Postsecondary education and training available through:
- Local Career and Technology Centers
- Local Business Schools
- Local Technical Schools
- Local Community Colleges
- Local Universities

Sources of Information:

(For more information, see the website provided.)