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
Education
Bachelor's degree
Certifications: Certified Public Accountant (CPA)

Bookkeeping, Accounting, Auditing Clerks
SOC Code 43-3031
Entry Level Salary $23,630
Projected Annual Openings 1,491
Education
Usually requires technical training, on the job experience, or an Associate's degree

Billing, Cost, and Rate Clerks
SOC Code 43-3021
Entry Level Salary $24,530
Projected Annual Openings 304
Education
Usually requires technical training, on the job experience, or an Associate's degree

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

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

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

<table>
<thead>
<tr>
<th>Career Pathway</th>
<th>Education</th>
<th>Entry Level Salary</th>
<th>Projected Annual Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Systems Analysts</td>
<td>Usually requires technical training, on the job experience, or an Associate's degree</td>
<td>$55,542</td>
<td>929</td>
</tr>
<tr>
<td>Network and Computer Systems Administrator</td>
<td>Usually requires technical training, on the job experience, or an Associate's degree</td>
<td>$51,542</td>
<td>530</td>
</tr>
<tr>
<td>Database Administrators</td>
<td>Usually requires technical training, on the job experience, or an Associate's degree</td>
<td>$50,861</td>
<td>113</td>
</tr>
</tbody>
</table>

Sources of Information:

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

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

E D U C A T I O N

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

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

E D U C A T I O N

Usually requires technical training, on the job experience, or an Associate's degree; Some require Bachelor's degree

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

E D U C A T I O N


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

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**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

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Sources of Information:

(Handy, 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 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

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

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

Most of these occupations require a four-year Bachelor's degree

Some require a four-year Bachelor's degree

Sources of Information:
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

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

Most require Bachelor's degree

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

Some require Bachelor's degree

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


Sources of Information:

(Hardy, 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

Transportation Managers
SOC Code 11-3071
Entry Level Salary $57,810
Projected Annual Openings 120
Most require Bachelor's degree

Freight and Cargo Inspectors
SOC Code 53-6051
Entry Level Salary $46,450
Projected Annual Openings 38
Most require Bachelor's degree

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

Sources of Information:

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