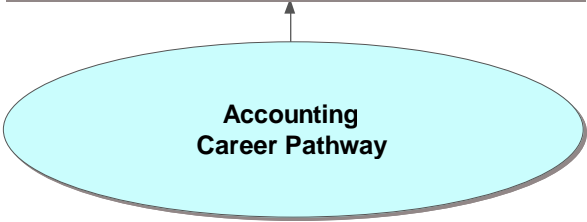# Career Pathway Map: Accounting
Statewide

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

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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

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Shipping Receiving and Traffic Clerks

SOC Code 43-5071

Entry Level Salary $22,790

Projected Annual Openings 696

EDUCATION

Usually requires High School Diploma/Commonwealth Secondary School Diploma/GED®

Order Clerks

SOC Code 43-4151

Entry Level Salary $19,620

Projected Annual Openings 266

EDUCATION

Usually requires High School Diploma/Commonwealth Secondary School Diploma/GED®

**Accounting
Career Pathway**

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

Sources of Information:
-Pennsylvania Department of Labor & Industry, Center for Workforce Information and Analysis. (2013). Labor Market Information System. Retrieved from https://paworkstats.geosolinc.com
-U.S. Department of Labor, Employment and Training Administration. (2013). O*Net Online. Retrieved from: http://www.onetonline.org

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

E D U C A T I O N

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

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Network and Computer Systems Administrator

SOC Code 15-1121

Entry Level Salary $51,542

Projected Annual Openings 530

E D U C A T I O N

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

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Database Administrators

SOC Code 15-1141

Entry Level Salary $50,861

Projected Annual Openings 113

E D U C A T I O N

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

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Computer User Support Specialist

SOC Code 15-1150

Entry Level Salary $25,354

Projected Annual Openings 744

E D U C A T I O N

Usually requires High School Diploma/Commonwealth Secondary School Diploma/GED®

Computer Support Career Pathway

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

Career Pathway Map: Cafeteria Workers (Education) 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

Food Service Managers

SOC Code 11-9051

Entry Level Salary $35,670

Projected Annual Openings 174

EDUCATION

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

Cooks, Institutions and Cafeteria

SOC Code 35-2012

Entry Level Salary $18,790

Projected Annual Openings 550

EDUCATION

Usually requires High School Diploma/Commonwealth Secondary School Diploma/GED®

Food Preparation Workers

SOC Code 35-2021

Entry Level Salary $16,870

Projected Annual Openings 1,577

EDUCATION

Usually requires High School Diploma/Commonwealth Secondary School Diploma/GED®

Cashiers

SOC Code 41-2011

Entry Level Salary $16,970

Projected Annual Openings 7,453

EDUCATION

Usually requires High School Diploma/Commonwealth Secondary School Diploma/GED®

Cafeteria Workers Career Pathway

(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 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

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

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Industrial Machinery Mechanics

SOC Code 49-9041

Entry Level Salary $32,900

Projected Annual Openings 401

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

Certifications: Instrument Control Technology, Industrial Maintenance Technology

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Maintenance Workers, Machinery

SOC Code 49-9043

Entry Level Salary $28,040

Projected Annual Openings 217

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

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Helpers - Installation, Maintenance & Repair Workers

SOC Code 49-9098

Entry Level Salary $17,810

Projected Annual Openings 163

| EDUCATION |
Usually requires High School Diploma/Commonwealth Secondary School Diploma/GED®

Maintenance Career Pathway

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

Career Pathway Map: Mechanics
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 Automotive Service Excellence

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Supervisors of Mechanics, Installers & Repairers

SOC Code 49-1011

Entry Level Salary $45,390

Projected Annual Openings 350

EDUCATION

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

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Mobile Heavy Equipment Mechanics

SOC Code 49-3042

Entry Level Salary $33,520

Projected Annual Openings 156

EDUCATION

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

Certifications: Automotive Service Excellence Certification, Medium-Heavy Truck Certification

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Bus, Truck and Diesel Engine Mechanics

SOC Code 49-3031

Entry Level Salary $29,900

Projected Annual Openings 310

EDUCATION

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

Certifications: Automotive Service Excellence Certification, Electrical Diesel Engine Diagnosis Specialist Certification

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Automotive Master Mechanic

SOC Code 49-3023

Entry Level Salary $23,960

Projected Annual Openings 904

EDUCATION

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

Certifications: Automotive Service Excellence Certification, Automobile Light Truck Certification

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**Mechanic
Career Pathway**

(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

Supervisors of Office and Administrative Support Workers

SOC Code 43-1011

Entry Level Salary $34,630

Projected Annual Openings 1,069

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

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Executive Secretaries and Administrative Assistants

SOC Code 43-6011

Entry Level Salary $33,560

Projected Annual Openings 776

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

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Secretaries and Administrative Assistants

SOC Code 43-6014

Entry Level Salary $22,160

Projected Annual Openings 1,498

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

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Office Clerks

SOC Code 43-9061

Entry Level Salary $19,200

Projected Annual Openings 3,261

EDUCATION — Usually requires High School Diploma/Commonwealth Secondary School Diploma/GED®

**Office Workers
Career Pathway**

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

Career Pathway Map: Education Assistants
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

Secretaries and Administrative Assistants

SOC Code 43-6014

Entry Level Salary $22,160

Projected Annual Openings 1,498

EDUCATION

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

Teacher Assistants

SOC Code 25-9041

Entry Level Salary $17,620

Projected Annual Openings 887

EDUCATION

Usually requires technical training, on the job experience, or an Associate's degree (Some do not.)

Library Assistants, Clerical

SOC Code 43-4121

Entry Level Salary $17,100

Projected Annual Openings 202

EDUCATION

Usually requires technical training, on the job experience, or an Associate's degree (Some do not.)

Education Assistants Career Pathway

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

Sources of Information:
-Pennsylvania Department of Labor & Industry, Center for Workforce Information and Analysis. (2013). Labor Market Information System. Retrieved from https://paworkstats.geosolinc.com
-U.S. Department of Labor, Employment and Training Administration. (2013). O*Net Online. Retrieved from: http://www.onetonline.org

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

EDUCATION

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

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

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Software Developers, Systems Software

SOC Code 15-1133

Entry Level Salary $62,515

Projected Annual Openings 293

EDUCATION

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

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

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Software Developers, Applications Systems

SOC Code 15-1132

Entry Level Salary $59,040

Projected Annual Openings 530

EDUCATION

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

Some require a four-year Bachelor's degree

Computer Programmers

SOC Code 15-1131

Entry Level Salary $54,183

Projected Annual Openings 422

EDUCATION

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

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Web Developers

SOC Code 15-1134

Entry Level Salary $51,075

Projected Annual Openings 146

EDUCATION

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

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Computer Programmers Career Pathway

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

Sources of Information:
-Pennsylvania Department of Labor & Industry, Center for Workforce Information and Analysis. (2013). Labor Market Information System. Retrieved from https://paworkstats.geosolinc.com
-U.S. Department of Labor, Employment and Training Administration. (2013). O*Net Online. Retrieved from: http://www.onetonline.org