



WORKFORCE ON-RAMPS

Career Overviews of Four Rhode Island High-Growth, High-Demand Industries

Jobs and careers throughout Rhode Island require different levels of education, experience, and training. The following 10 career overviews provide a sample of jobs within four Rhode Island high-growth, high-demand industries and sectors.

How to Use the Digital Career Overviews

Click on the title of a career overview or its page number below to go directly to it.

The jobs listed on the career overviews are linked to an online resource, where you can learn about topics such as job outlook and required skills. Simply click the job title to find out more.

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HEALTH CARE CAREER OVERVIEW:

Patient Care Jobs

Rhode Island jobs and careers within the health care industry require different education, experience, and training. The industry has careers in the following three areas:

- 1) Patient care
- 2) Technical
- 3) Administrative

Click on any of the jobs listed to learn more.

For licensing requirements, visit the Department of Health's website at www.health.ri.gov/licensing

Work Experience

Education Level

Jobs requiring a master's, PhD, or professional degree are also available. Please check with your career coach for more information.

Moderate-Term Training

- Nurse Manager

Internship/Residency

- Registered Dietician and Nutritionist

Bachelor's Degree

- Registered Nurse (BSN)
- Activities Director/Recreational Therapist
- Health Educator
- Medical and Health Services Manager
- Mental Health and Substance Abuse Social Worker
- Recreation Worker
- Rehabilitation/Vocational Specialist
- Substance Abuse and Behavioral Disorder Counselor

Associate's Degree + Certification

- Certified Dental Hygienist
- Occupational Therapy Assistant
- Physical Therapist Assistant
- Radiation Therapist
- Respiratory Therapist

Associate's Degree

- Registered Nurse (ADN)
- Residential Case Manager

Post-Secondary Non-Degree Award

- Certified Nursing Assistant
- Dental Assistant
- Licensed Chemical Dependency Professional
- Licensed Practical Nurse
- Massage Therapist
- Medical Transcriptionist

Long-Term Training

- Advanced Chemical Dependency Professional

Moderate-Term Training

- Medical Assistant
- Physical Therapist Aide

Short-Term Training

- Community Health Worker
- Laboratory Animal Caretaker
- Occupational Therapy Aide
- Patient Care Attendant/Orderly
- Psychiatric Aide
- Social and Human Services Assistant
- Central Transport Aide
- Direct Support Provider

High School Diploma

< High School

Short-Term Training

- Food Server
- Home Health Aide
- Personal Care Aide



HEALTH CARE CAREER OVERVIEW:

Technical Jobs

Rhode Island jobs and careers within the health care industry require different education, experience, and training. The industry has careers in the following three areas:

- 1) Patient care
- 2) Technical
- 3) Administrative

Click on any of the jobs listed to learn more.

For licensing requirements, visit the Department of Health's website at www.health.ri.gov/licensing

Work Experience

Education Level

Jobs requiring a master's, PhD, or professional degree are also available. Please check with your career coach for more information.

Bachelor's Degree

- Medical and Clinical Laboratory Technologist
- Histotechnologist

Associate's Degree + Certification

- Medical Resonance Imaging Technologist
- Radiologic Technologist
- Nuclear Medicine Technologist

Moderate-Term Training

- Computed Tomography Technologist
- Paramedic
- Medical Equipment Repairer
- Respiratory Therapy Technician

Associate's Degree

- Cardiovascular Technician
- Radiologic Technician
- Diagnostic Medical Sonographer/Ultrasound Technologist
- Veterinary Technologist/Technician
- Medical and Clinical Laboratory Technician

Post-Secondary Non-Degree Award

Short-Term Training

- Medical Records and Health Information Technician
- Psychiatric Technician
- Emergency Medical Technician
- Phlebotomist
- Surgical Technologist

Long-Term Training

- Dispensing Optician
- Medical Appliance Technician

High School Diploma

Moderate-Term Training

- Dental Laboratory Technician
- Medical Equipment Preparer
- Pharmacy Technician
- Dietetic Technician
- Ophthalmic Technician

Short-Term Training

- Central Processing Aide
- Pharmacy Aide

< High School

Short-Term Training

- Institution and Cafeteria Cook
- Housekeeper/Environmental Service Worker
- Dietary Aide/Food and Nutrition Worker
- Laundry Aide



HEALTH CARE CAREER OVERVIEW:

Administrative Jobs

Rhode Island jobs and careers within the health care industry require different education, experience, and training. The industry has careers in the following three areas:

- 1) Patient care
- 2) Technical
- 3) Administrative

Click on any of the jobs listed to learn more.

For licensing requirements, visit the Department of Health's website at www.health.ri.gov/licensing

Work Experience

Education Level

Jobs requiring a master's, PhD, or professional degree are also available. Please check with your career coach for more information.

1-5 Years of Experience

- Compensation and Benefits Manager
- Human Resources Manager

Bachelor's Degree

- Clinical Data Manager
- Departmental Manager
- Medical and Health Services Manager

Associate's Degree

- Coding and Billing Specialist

1-5 Years of Experience

- Executive Secretary/Administrative Assistant
- First-Line Supervisor of Office and Administrative Support Workers

High School Diploma

Moderate-Term Training

- Bill and Account Collector
- Bookkeeping, Accounting and Auditing Clerk
- Data Coordinator
- Insurance Claims and Policy Processing Clerk
- Medical Secretary
- Outpatient Services Representative
- Patient Accounts Representative
- Payroll and Timekeeping Clerk

Short-Term Training

- Billing and Posting Clerk
- Customer Service Representative
- General Office Clerk
- Information and Record Clerk
- Receptionist and Information Clerk

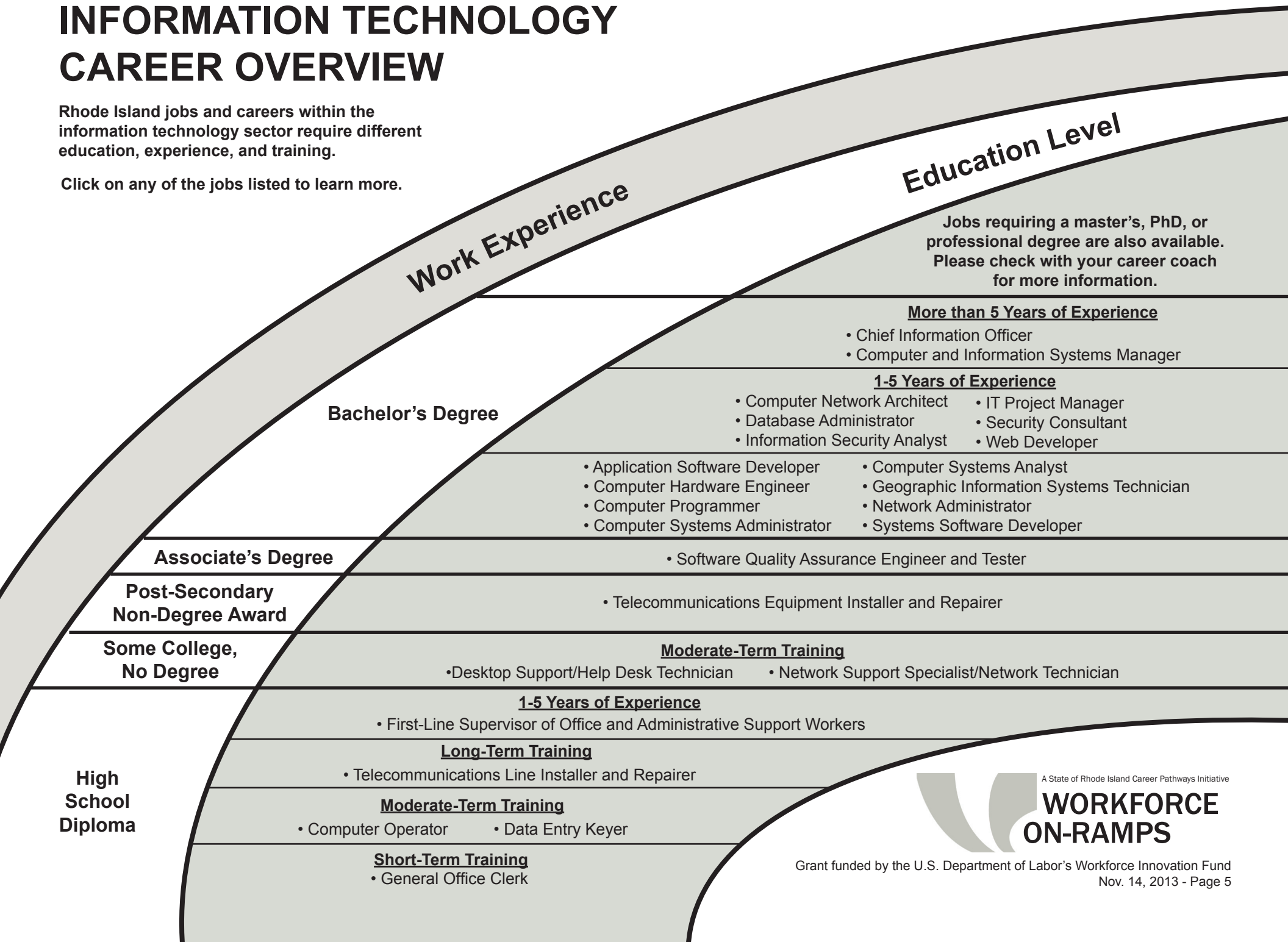
- Gift Shop Clerk



INFORMATION TECHNOLOGY CAREER OVERVIEW

Rhode Island jobs and careers within the information technology sector require different education, experience, and training.

Click on any of the jobs listed to learn more.



Education Level

Jobs requiring a master's, PhD, or professional degree are also available. Please check with your career coach for more information.

More than 5 Years of Experience

- Chief Information Officer
- Computer and Information Systems Manager

1-5 Years of Experience

- Computer Network Architect
- Database Administrator
- Information Security Analyst
- IT Project Manager
- Security Consultant
- Web Developer

Bachelor's Degree

- Application Software Developer
- Computer Hardware Engineer
- Computer Programmer
- Computer Systems Administrator
- Computer Systems Analyst
- Geographic Information Systems Technician
- Network Administrator
- Systems Software Developer

Associate's Degree

- Software Quality Assurance Engineer and Tester

Post-Secondary Non-Degree Award

- Telecommunications Equipment Installer and Repairer

Some College, No Degree

Moderate-Term Training

- Desktop Support/Help Desk Technician
- Network Support Specialist/Network Technician

1-5 Years of Experience

- First-Line Supervisor of Office and Administrative Support Workers

Long-Term Training

- Telecommunications Line Installer and Repairer

Moderate-Term Training

- Computer Operator
- Data Entry Keyer

High School Diploma

Short-Term Training

- General Office Clerk



MANUFACTURING CAREER OVERVIEW: PRODUCTION JOBS

Rhode Island jobs and careers within the manufacturing industry require different education, experience, and training. The industry has careers in the following three areas:

- 1) Production
- 2) Maintenance, installation and repair
- 3) Administrative and customer service

Click on any of the jobs listed to learn more.

Work Experience

Education Level

Jobs requiring a master's, PhD, or professional degree are also available. Please check with your career coach for more information.

Associate's Degree

1-5 Years of Experience

- First-Line Supervisor of Production and Operating Workers
- Project Manager/Foreman

Apprenticeship

- Carpenter
- Finisher
- Machinist
- Plastic Mold Maker
- Quality Control Technician
- Sheet Metal Worker
- Tool and Die Maker

Short-Term Training

- CNC Machinist

Post-Secondary Non-Degree Award

- Electrical and Electronic Equipment Assembler
- Electromechanical Equipment Assembler
- Engine and Other Machine Assembler
- Solderer and Brazier
- Welder, Cutter and Welder Fitter

Long-Term Training

- Hand Grinding and Polishing Worker
- Metal and Plastic Patternmaker
- Metal Model Maker

1-5 Years of Experience

- Metal and Plastic Extruding and Drawing Machine SOT
- Multiple Machine SOT

High School Diploma

Moderate-Term Training

- Cabinetmaker
- Coating, Painting, and Spraying Machine SOT
- Composite Technician
- Fiberglass Laminator and Fabricator
- Inspector, Tester, Sorter, Sampler, and Weigher
- Layout Worker, Metal and Plastic
- Mixing and Blending Machine SOT
- Separating, Filtering, Clarifying, Precipitating, and Still Machine SOT
- Structural Metal Fabricator and Fitter
- Team Assembler

Short-Term Training

- Assistant Composite Technician
- Marine Composite Finisher
- Rigger
- Textile Bleaching and Dyeing Machine Setter, Operator and Tender (SOT)

- Hand Cutter/Trimmer
- Helper/Production Worker

< High School

Short-Term Training

- Hand Laborer
- Hand Packer and Packager



MANUFACTURING CAREER OVERVIEW: MAINTENANCE, INSTALLATION AND REPAIR JOBS

Rhode Island jobs and careers within the manufacturing industry require different education, experience, and training. The industry has careers in the following three areas:

- 1) Production
- 2) Maintenance, installation and repair
- 3) Administrative and customer service

Click on any of the jobs listed to learn more.

Work Experience

Education Level

Jobs requiring a master's, PhD, or professional degree are also available. Please check with your career coach for more information.

1-5 Years of Experience

- Engineering Manager

Bachelor's Degree

- Electronics Engineer/Systems Designer
- Industrial Engineer
- Materials/Composites Engineer
- Mechanical Engineer
- Yacht Designer/Commercial and Industrial Designer

Moderate-Term Training

- Electrical Engineering Technician
- Electronics Engineering Technician
- Mechanical Engineering Technician

Associate's Degree

Apprenticeship

- Industrial Engineering Technician
- Plastic Process Technician

1-5 Years of Experience

- Lead Technician

Long-Term Training

- Heating, Air Conditioning, and Refrigeration Mechanic/Installer/Technician

Post-Secondary Non-Degree Award

- Electrical and Electronic Equipment Assembler
- Electromechanical Equipment Assembler
- Engine and Other Machine Assembler

Long-Term Training

- Industrial Machinery Mechanic
- Jeweler and Precious Stone and Metal Worker

High School Diploma

Moderate-Term Training

- Inspector, Tester, Sorter, Sampler and Weigher
- Production, Planning, and Expediting Clerk



MANUFACTURING CAREER OVERVIEW: ADMINISTRATIVE AND CUSTOMER SERVICE JOBS

Rhode Island jobs and careers within the manufacturing industry require different education, experience, and training. The industry has careers in the following three areas:

- 1) Production
- 2) Maintenance, installation and repair
- 3) Administrative and customer service

Click on any of the jobs listed to learn more.

Work Experience

Education Level

Jobs requiring a master's, PhD, or professional degree are also available. Please check with your career coach for more information.

Bachelor's Degree

More than 5 Years of Experience

- President/Owner

Associate's Degree

1-5 Years of Experience

- Customer Service Manager
- First-Line Supervisor of Office and Administrative Support Workers
- General and Operations Manager

Moderate-Term Training

- Customer Service Representative
- Parts Associate
- Sales Representative

High School Diploma

Short-Term Training

- General Office Clerk
- Shipping, Receiving, and Traffic Clerk

Less than High School

Short-Term Training

- Cashier
- Counter Attendant
- Stock Clerk and Order Filler



HOSPITALITY CAREER OVERVIEW:

Restaurant and Food Service Jobs

Rhode Island jobs and careers within the hospitality industry require different education, experience, and training. The industry has careers in the following three areas:

- 1) Restaurant and food service
- 2) Lodging and accommodation
- 3) Travel and tourism

Click on any of the jobs listed to learn more.

Work Experience

Education Level

Jobs requiring a master's, PhD, or professional degree are also available. Please check with your career coach for more information.

1-5 Years of Experience

- Cafeteria Manager
- Chef/Head Cook
- Food Service Manager
- Food Service Supervisor
- Kitchen Manager
- Restaurant Manager

High School Diploma

Short-Term Training

- Food Batchmaker
- Food Cooking Machine Operator and Tender
- Kitchen Expeditor

Long-Term Training

- Baker
- Butcher and Meat Cutter

Moderate-Term Training + Less than 1 Year of Experience

- Restaurant Cook

Moderate-Term Training

- Food and Tobacco Roasting, Baking, and Drying Machine Operator and Tender

Less than High School

Short-Term Training

- Bartender
- Bartender Helper
- Bus Person
- Cocktail Server
- Combined Food Preparation and Serving Worker
- Counter Attendant
- Dining Room/Cafeteria Attendant
- Dishwasher
- Fast Food Cook
- Food Preparation Worker
- Host and Hostess
- Institution and Cafeteria Cook
- Meat, Poultry, and Fish Cutter and Trimmer
- Non-Restaurant Food Server
- Short Order Cook
- Waiter and Waitress



HOSPITALITY CAREER OVERVIEW:

Lodging and Accommodation Jobs

Rhode Island jobs and careers within the hospitality industry require different education, experience, and training. The industry has careers in the following three areas:

- 1) Restaurant and food service
- 2) Lodging and accommodation
- 3) Travel and tourism

Click on any of the jobs listed to learn more.

Work Experience

Education Level

Jobs requiring a master's, PhD, or professional degree are also available. Please check with your career coach for more information.

More than 5 Years of Experience

- Chief Executive
- Human Resources Manager

- Accountant
- Sales Manager

1-5 Years of Experience

- First-Line Supervisor of Housekeeping and Janitorial Workers
- Lodging Manager

Moderate-Term Training

- Concierge
- Maintenance and Repair Worker

Short-Term Training

- Baggage Porter/Bellhop
- Front Desk Associate
- Reservations Associate
- Security Guard

Short-Term Training

- Cashier
- Janitor/Cleaner
- Landscaping and Groundskeeping Worker
- Laundry Attendant
- Maid/Housekeeping Cleaner
- Room Service Attendant
- Valet/Parking Lot Attendant

Bachelor's Degree

High School Diploma

Less than High School



HOSPITALITY CAREER OVERVIEW:

Travel and Tourism Jobs

Rhode Island jobs and careers within the hospitality industry require different education, experience, and training. The industry has careers in the following three areas:

- 1) Restaurant and food service
- 2) Lodging and accommodation
- 3) Travel and tourism

Click on any of the jobs listed to learn more.

Work Experience

Education Level

Jobs requiring a master's, PhD, or professional degree are also available. Please check with your career coach for more information.

Less than 1 Year of Experience

- Convention Planner
- Event Planner
- Meeting Planner

Bachelor's Degree

- Recreation Worker

1-5 Years of Experience

- First-Line Supervisor of Office and Administrative Support Workers

Moderate-Term Training

- Maintenance and Repair Worker
- Tour Guide/Escort
- Travel Agent
- Travel Guide

High School Diploma

Short-Term Training

- Customer Service Representative
- Receptionist and Information Clerk
- Reservation and Transportation Ticket Agent/Travel Clerk

Less than High School

Short-Term Training

- Counter and Rental Clerk

