

Occupational Profile



Roofers

OVERVIEW

Cover roofs of structures with shingles, slate, asphalt, aluminum, wood, or related materials. May spray roofs, sidings and walls with material to bind, seal, insulate or soundproof sections of structures. Belongs to the Architecture and Construction career cluster and Construction career pathway.

SKILLS & KNOWLEDGE NEEDED

Basic Skills:

- Coordination
- Active Listening
- Critical Thinking
- Monitoring
- Operation and Control

Technology Skills:

- Analytical or Scientific Software
- Computer Aided Design Software
- Data Base User Interface and Query Software
- Operating System Software
- Project Management Software

Knowledge:

- Building and Construction
- Customer and Personal Service
- English Language
- Public Safety and Security
- Education and Training

DOES THIS DESCRIBE YOU?

Work Interests involve descriptive categories (compatible with Holland's Model) attributed to success in this career:

- **Conventional**—Enjoy following set procedures and routines developed through higher authority; includes working with data and details more than with ideas.
- **Realistic**—Involves work activities that include practical, hands-on problems and solutions; often dealing with plants, animals, and real-world materials like wood, tools, and machinery.

Work Styles depict worker characteristics conducive for this career:

- **Dependability**
- **Attention to Detail**
- **Self Control**
- **Concern for Others**
- **Integrity**

Work Values are associated with aspects of work that provide satisfaction in this career:

- **Independence**—Autonomy; working on your own.
- **Working Conditions**—Job security; good working conditions.
- **Support**—Management backing.

Aptitudes reflect an ability to acquire skills and knowledge for success in this career:

- **Gross Body Equilibrium**
- **Extent Flexibility**
- **Problem Sensitivity**
- **Trunk Strength**
- **Near Vision**

ESTIMATED & PROJECTED EMPLOYMENT

Occupational Title	2014 Estimated Employment	2024 Projected Employment	2014-24 Employment Change	Annual Growth Rate (%)	Total Annual Openings
Total, All Occupations	1,795,100	1,949,240	154,140	0.9	58,145
Construction & Extraction Occupations	80,275	91,315	11,040	1.4	2,335
Roofers	1,870	2,195	325	1.7	60

Source: <https://www.iowaworkforcedevelopment.gov/occupational-projections>

2017 WAGE & SALARY (\$)

Occupational Title	Mean Wage	Mean Salary	Entry Wage	Entry Salary	Exp Wage	Exp Salary
Total All Occupations	20.93	43,539	10.09	20,991	26.35	54,813
Construction & Extraction Occupations	21.27	44,237	13.89	28,882	24.96	51,914
Roofers	16.67	34,676	11.52	23,963	19.25	40,032

Source: <https://www.iowaworkforcedevelopment.gov/occupational-employment-and-wages>

EDUCATION & TRAINING

Education	Work Experience	Job Training
< High School Diploma	None	Moderate-Term On-The-Job

A diploma is required for most roofer positions with training received from vocational schools, industry-based programs, and/or apprenticeships. Sources: <https://www.iowaworkforcedevelopment.gov/occupational-projections>, https://www.bls.gov/emp/ep_education_training_system.htm, and <https://www.dol.gov/apprenticeship/>

NATIONAL CAREER READINESS CERTIFICATE (NCRC)

Skill	Median Skill Level	Minimum Skill Level	Maximum Skill Level
Applied Mathematics	3	3	4
Locating Information	3	3	4
Reading for Information	3	3	4
Applied Technology	4	3	6
Business Writing	n.a.	n.a.	n.a.
Workplace Observation	3	3	3
Listening for Understanding	2	2	3

An ACT assessment-based credential issued in determining essential work skills needed for employment success across industries and occupations. The greater the score, the greater the skill level (Bronze = 3, Silver = 4, Gold = 5, Platinum = 6 & higher). Source: <http://www.act.org/content/act/en/products-and-services/workkeys-for-employers/assessments.html>

PRIMARY INDUSTRY SECTORS

(Where are Roofers Employed?)

Specialty Trade Contractors
Self Employed

Source: <https://www.iowaworkforcedevelopment.gov/occupational-projections>



ADDITIONAL SOURCES:

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