

## “Is it for You” Career Game

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The following career profile handouts were created, and can be replicated, by copying details from the career profiles in the Career Planning section of IHaveAPlanIowa.gov. These can be used in a classroom activity by distributing the handouts, letting the students read over them, then leading a discussion around how they would feel if they were actually in that career. Do the interests and work values match their own? Is it something they would enjoy doing every day? Then move the conversation to why it is important to explore different career opportunities and the importance of finding something that is a good match for them so they don't end up with a career that isn't a good fit. Explain that the resources in IHaveAPlanIowa.gov will help them do just that – explore career options and set a plan for their future!



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# Chef

Directs and participates in the preparation, seasoning, and cooking of soups, meats, fish, vegetables, salads, desserts, or other foods. May plan and price menu items, order supplies, and keep records and accounts.

## Education Level:

One to two years post-secondary training

## Iowa Earnings:

Entry Annual Wage: \$26,627

Entry Hourly Wage: \$11.84

## Iowa's Employment and Outlook:

Outlook – Stable; Annual growth rate is estimated to be 1%

Job Openings – 13 estimated annual job openings

Employment – 644 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Enterprising** – You are a "persuader". You like to sell things or ideas. Prestige and power are important to you. You like to use your language skills to convince other people of your ideas.

**Realistic** – You are a "doer". You like physical activities and projects. You like to find the answers to problems by doing hands-on work instead of talking about solutions.

**Artistic** – You are a "creator". You enjoy things like art, music and books, and express your feelings easily. You don't like rigid rules and structure

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Independence** – It's very important to you that your work allows you to make decisions on your own. You want to try out your own ideas and work with little supervision.

**Recognition** – It's very important to you that your work satisfies your need for prestige and leadership opportunities, as well as opportunities for advancement.

# Zoologist/Wildlife Biologist

Studies the origins, behavior, diseases, genetics, and life processes of animals and wildlife. May specialize in wildlife research and management, including the collection and analysis of biological data to determine the environmental effects of present and potential use of land and water areas.

## Education Level:

Master's degree

## Iowa Earnings:

Entry Annual Wage: \$41,787

Entry Hourly Wage: \$20.09

## Iowa's Employment and Outlook:

Outlook – Stable; Annual growth rate is estimated to be 3%

Job Openings – 2 estimated annual job openings

Employment – 112 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Investigative** – You are a "thinker". When you have a problem, you like to analyze it and look at different ways to solve it. You like to work by yourself, and you don't like explaining your ideas to other people.

**Realistic** – You are a "doer". You like physical activities and projects. You like to find the answers to problems by doing hands-on work instead of talking about solutions.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Achievement** – It's very important to you that your work allows you to use your best abilities. You want to see the results of your work and get a feeling of accomplishment.

**Recognition** – It's very important to you that your work satisfies your need for prestige and leadership opportunities, as well as opportunities for advancement.

# Cost Estimator

Prepares cost estimates for product manufacturing, construction projects, or services to aid management in bidding on or setting prices of products or services.

## Education Level:

Bachelor's degree

## Iowa Earnings:

Entry Annual Wage: \$35,443

Entry Hourly Wage: \$17.04

## Iowa's Employment and Outlook:

Outlook – Increasing; Annual growth rate is estimated to be 33%

Job Openings – 109 estimated annual job openings

Employment – 2,067 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Conventional** – You are an "organizer". Keeping things neat and organized is important to you. You like working with charts and reports, and work well with power and authority.

**Enterprising** – You are a "persuader". You like to sell things or ideas. Prestige and power are important to you. You like to use your language skills to convince other people of your ideas.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Support** – It's very important to you to know the company stands behind its workers and has competent, considerate and fair management.

**Working Conditions** – It's very important to you that your work satisfies your needs in areas like salary, job security and your working style preferences, such as working alone, staying busy all the time or having variety in your work tasks.

# Construction Manager

Plans, directs, coordinates or budgets, usually through subordinate supervisory personnel, activities concerned with the construction and maintenance of structures, facilities and systems. Participates in the conceptual development of a construction project, and oversees its organization, scheduling and implementation.

## Education Level:

Bachelor's degree or higher, plus work experience

## Iowa Earnings:

Entry Annual Wage: \$45,802

Entry Hourly Wage: \$22.02

## Iowa's Employment and Outlook:

Outlook – Increasing; Annual growth rate is estimated to be 23%

Job Openings – 101 estimated annual job openings

Employment – 3,450 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Enterprising** – You are a "persuader". You like to sell things or ideas. Prestige and power are important to you. You like to use your language skills to convince other people of your ideas.

**Realistic** – You are a "doer". You like physical activities and projects. You like to find the answers to problems by doing hands-on work instead of talking about solutions.

**Conventional** – You are an "organizer". Keeping things neat and organized is important to you. You like working with charts and reports, and work well with power and authority

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Achievement** – It's very important to you that your work allows you to use your best abilities. You want to see the results of your work and get a feeling of accomplishment.

**Independence** – It's very important to you that your work allows you to make decisions on your own. You want to try out your own ideas and work with little supervision.

# Broadcast Technician

Sets up, operates, and maintains the electronic equipment used to transmit radio and television programs. Controls audio equipment to regulate volume level and quality of sound during radio and television broadcasts. Operates radio transmitter to broadcast radio and television programs.

## Education Level:

Associate's degree

## Iowa Earnings:

Entry Annual Wage: \$19,427

Entry Hourly Wage: \$9.34

## Iowa's Employment and Outlook:

Outlook – Stable; Annual growth rate is estimated to be 6%

Job Openings – 13 estimated annual job openings

Employment – 383 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Realistic** – You are a "doer". You like physical activities and projects. You like to find the answers to problems by doing hands-on work instead of talking about solutions.

**Conventional** – You are an "organizer". Keeping things neat and organized is important to you. You like working with charts and reports, and work well with power and authority.

**Investigative** – You are a "thinker". When you have a problem, you like to analyze it and look at different ways to solve it. You like to work by yourself, and you don't like explaining your ideas to other people.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Achievement** – It's very important to you that your work allows you to use your best abilities. You want to see the results of your work and get a feeling of accomplishment.

**Support** – It's very important to you to know the company stands behind its workers and has competent, considerate and fair management.

# Librarian

Provides library services by selecting, acquiring, processing, and organizing library materials for patron use. Assists patrons in the use of library resources.

## Education Level:

Master's degree

## Iowa Earnings:

Entry Annual Wage: \$29,224

Entry Hourly Wage: \$14.05

## Iowa's Employment and Outlook:

Outlook – Stable; Annual growth rate is estimated to be 2%

Job Openings – 40 estimated annual job openings

Employment – 1,411 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Conventional** – You are an "organizer". Keeping things neat and organized is important to you. You like working with charts and reports, and work well with power and authority.

**Social** – You are a "helper". You like being around people and helping them with problems. Socializing is fun for you.

**Enterprising** – You are a "persuader". You like to sell things or ideas. Prestige and power are important to you. You like to use your language skills to convince other people of your ideas.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Independence** – It's very important to you that your work allows you to make decisions on your own. You want to try out your own ideas and work with little supervision.

**Relationships** – It's very important to you that you have friendly co-workers. You would like to be of service to others without compromising your sense of right and wrong.

# Newscaster

Analyzes, prepares, and reports on news items for radio or television broadcasts.

## Education Level:

Bachelor's degree

## Iowa Earnings:

Entry Annual Wage: \$29,453

Entry Hourly Wage: \$14.16

## Iowa's Employment and Outlook:

Outlook – Stable; Annual growth rate is estimated to be 8%

Job Openings – 5 estimated annual job openings

Employment – 116 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Artistic** – You are a "creator". You enjoy things like art, music and books, and express your feelings easily. You don't like rigid rules and structure.

**Social** – You are a "helper". You like being around people and helping them with problems. Socializing is fun for you.

**Enterprising** – You are a "persuader". You like to sell things or ideas. Prestige and power are important to you. You like to use your language skills to convince other people of your ideas.

**Investigative** – You are a "thinker". When you have a problem, you like to analyze it and look at different ways to solve it. You like to work by yourself, and you don't like explaining your ideas to other people.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Achievement** – It's very important to you that your work allows you to use your best abilities. You want to see the results of your work and get a feeling of accomplishment.

**Independence** – It's very important to you that your work allows you to make decisions on your own. You want to try out your own ideas and work with little supervision.

# Telecommunications Line Installer/Repairer

Strings and repairs telephone and television cables, including fiber optics and other equipment for transmitting messages or television programming.

## Education Level:

High school (GED), plus on-the-job training

## Iowa Earnings:

Entry Annual Wage: \$28,600

Entry Hourly Wage: \$13.75

## Iowa's Employment and Outlook:

Outlook – Stable; Annual growth rate is estimated to be 10%

Job Openings – 36 estimated annual job openings

Employment – 1248 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Realistic** – You are a "doer". You like physical activities and projects. You like to find the answers to problems by doing hands-on work instead of talking about solutions.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Support** – It's very important to you to know the company stands behind its workers and has competent, considerate and fair management.

**Working Conditions** – It's very important to you that your work satisfies your needs in areas like salary, job security and your working style preferences, such as working alone, staying busy all the time or having variety in your work tasks.

# Accountant

Analyzes financial information and prepares financial reports to determine or maintain record of assets, liabilities, profit and loss, tax liability, or other financial activities within an organization.

## Education Level:

Bachelor's degree

## Iowa Earnings:

Entry Annual Wage: \$40,040

Entry Hourly Wage: \$19.25

## Iowa's Employment and Outlook:

Outlook – Stable; Annual growth rate is estimated to be 18%

Job Openings –529 estimated annual job openings

Employment –13,413 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Conventional** – You are an "organizer". Keeping things neat and organized is important to you. You like working with charts and reports, and work well with power and authority.

**Enterprising** – You are a "persuader". You like to sell things or ideas. Prestige and power are important to you. You like to use your language skills to convince other people of your ideas.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Achievement** – It's very important to you that your work allows you to use your best abilities. You want to see the results of your work and get a feeling of accomplishment.

**Working Conditions** – It's very important to you that your work satisfies your needs in areas like salary, job security and your working style preferences, such as working alone, staying busy all the time or having variety in your work tasks.

# Statistician

Plans surveys and collects, organizes, and analyzes numerical data using statistical theories and methods to provide information in scientific, business, economic, and other fields.

## Education Level:

Master's degree

## Iowa Earnings:

Entry Annual Wage: \$48,173

Entry Hourly Wage: \$23.16

## Iowa's Employment and Outlook:

Outlook – Stable; Annual growth rate is estimated to be 14%

Job Openings – 9 estimated annual job openings

Employment – 110 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Conventional** – You are an "organizer". Keeping things neat and organized is important to you. You like working with charts and reports, and work well with power and authority.

**Investigative** – You are a "thinker". When you have a problem, you like to analyze it and look at different ways to solve it. You like to work by yourself, and you don't like explaining your ideas to other people.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Achievement** – It's very important to you that your work allows you to use your best abilities. You want to see the results of your work and get a feeling of accomplishment.

**Independence** – It's very important to you that your work allows you to make decisions on your own. You want to try out your own ideas and work with little supervision.

# Actuary

Applies knowledge of mathematics, probability, statistics, and the principles of business finance to problems in insurance, annuities, and pensions.

## Education Level:

Bachelor's degree or higher, plus work experience

## Iowa Earnings:

Entry Annual Wage: \$63,024

Entry Hourly Wage: \$30.30

## Iowa's Employment and Outlook:

Outlook – Increasing; Annual growth rate is estimated to be 41%

Job Openings – 54 estimated annual job openings

Employment – 535 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Conventional** – You are an "organizer". Keeping things neat and organized is important to you. You like working with charts and reports, and work well with power and authority.

**Investigative** – You are a "thinker". When you have a problem, you like to analyze it and look at different ways to solve it. You like to work by yourself, and you don't like explaining your ideas to other people.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Achievement** – It's very important to you that your work allows you to use your best abilities. You want to see the results of your work and get a feeling of accomplishment.

**Independence** – It's very important to you that your work allows you to make decisions on your own. You want to try out your own ideas and work with little supervision.

**Working Conditions** – It's very important to you that your work satisfies your needs in areas like salary, job security and your working style preferences, such as working alone, staying busy all the time or having variety in your work tasks.

# Economist

Conducts research, prepares reports, or formulates plans to address economic problems related to the production and distribution of goods and services or monetary and fiscal policy. May collect and process economic and statistical data using sampling techniques and econometric methods.

## Education Level:

Master's degree

## Iowa Earnings:

Entry Annual Wage: \$43,950

Entry Hourly Wage: \$21.13

## Iowa's Employment and Outlook:

Outlook – Stable; Annual growth rate is estimated to be 4%

Job Openings – 2 estimated annual job openings

Employment – 55 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Investigative** – You are a "thinker". When you have a problem, you like to analyze it and look at different ways to solve it. You like to work by yourself, and you don't like explaining your ideas to other people.

**Conventional** – You are an "organizer". Keeping things neat and organized is important to you. You like working with charts and reports, and work well with power and authority.

**Enterprising** – You are a "persuader". You like to sell things or ideas. Prestige and power are important to you. You like to use your language skills to convince other people of your ideas.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Independence** – It's very important to you that your work allows you to make decisions on your own. You want to try out your own ideas and work with little supervision.

**Working Conditions** – It's very important to you that your work satisfies your needs in areas like salary, job security and your working style preferences, such as working alone, staying busy all the time or having variety in your work tasks.

# Acupuncturist

Provides treatment of symptoms and disorders using needles and small electrical currents. May provide preventive and massage treatments.

## Education Level:

Master's degree

## Iowa Earnings:

Entry Annual Wage: \$49,483

Entry Hourly Wage: \$23.79

## Iowa's Employment and Outlook:

Outlook – Increasing; Annual growth rate is estimated to be 22%

Job Openings – 18 estimated annual job openings

Employment – 449 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Social** – You are a "helper". You like being around people and helping them with problems. Socializing is fun for you.

**Realistic** – You are a "doer". You like physical activities and projects. You like to find the answers to problems by doing hands-on work instead of talking about solutions.

**Investigative** – You are a "thinker". When you have a problem, you like to analyze it and look at different ways to solve it. You like to work by yourself, and you don't like explaining your ideas to other people.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Achievement** – It's very important to you that your work allows you to use your best abilities. You want to see the results of your work and get a feeling of accomplishment.

**Independence** – It's very important to you that your work allows you to make decisions on your own. You want to try out your own ideas and work with little supervision.

**Relationships** – It's very important to you that you have friendly co-workers. You would like to be of service to others without compromising your sense of right and wrong.

# Nuclear Medicine Technologist

Prepares, administers, and measures radioactive isotopes in therapeutic, diagnostic, and tracer studies, using a variety of radioisotope equipment.

## Education Level:

Associate's degree

## Iowa Earnings:

Entry Annual Wage: \$54,766

Entry Hourly Wage: \$26.33

## Iowa's Employment and Outlook:

Outlook – Stable; Annual growth rate is estimated to be 14%

Job Openings – 4 estimated annual job openings

Employment – 161 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Investigative** – You are a "thinker". When you have a problem, you like to analyze it and look at different ways to solve it. You like to work by yourself, and you don't like explaining your ideas to other people.

**Realistic** – You are a "doer". You like physical activities and projects. You like to find the answers to problems by doing hands-on work instead of talking about solutions.

**Social** – You are a "helper". You like being around people and helping them with problems. Socializing is fun for you.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Achievement** – It's very important to you that your work allows you to use your best abilities. You want to see the results of your work and get a feeling of accomplishment.

**Relationships** – It's very important to you that you have friendly co-workers. You would like to be of service to others without compromising your sense of right and wrong.

# Registered Nurse

Administers nursing care to ill or injured persons. Includes administrative, public health, industrial, private duty, and surgical nurses.

## Education Level:

Associate's degree

## Iowa Earnings:

Entry Annual Wage: \$40,414

Entry Hourly Wage: \$19.43

## Iowa's Employment and Outlook:

Outlook – Increasing; Annual growth rate is estimated to be 24%

Job Openings – 1,354 estimated annual job openings

Employment – 32,456 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Social** – You are a "helper". You like being around people and helping them with problems. Socializing is fun for you.

**Investigative** – You are a "thinker". When you have a problem, you like to analyze it and look at different ways to solve it. You like to work by yourself, and you don't like explaining your ideas to other people.

**Conventional** – You are an "organizer". Keeping things neat and organized is important to you. You like working with charts and reports, and work well with power and authority.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Achievement** – It's very important to you that your work allows you to use your best abilities. You want to see the results of your work and get a feeling of accomplishment.

**Relationships** – It's very important to you that you have friendly co-workers. You would like to be of service to others without compromising your sense of right and wrong

# Mental Health and Substance Abuse Social Worker

Assesses and treats individuals with mental, emotional, or substance abuse problems, including abuse of alcohol, tobacco, and/or other drugs. Activities may include individual and group therapy, crisis intervention, case management, client advocacy, prevention, and education.

## Education Level:

Master's degree

## Iowa Earnings:

Entry Annual Wage: \$26,291

Entry Hourly Wage: \$12.64

## Iowa's Employment and Outlook:

Outlook – Increasing; Annual growth rate is estimate to be 30%

Job Openings – 90 estimated annual job openings

Employment – 1,664 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Social** – You are a "helper". You like being around people and helping them with problems. Socializing is fun for you.

**Investigative** – You are a "thinker". When you have a problem, you like to analyze it and look at different ways to solve it. You like to work by yourself, and you don't like explaining your ideas to other people.

**Artistic** – You are a "creator". You enjoy things like art, music and books, and express your feelings easily. You don't like rigid rules and structure.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Achievement** – It's very important to you that your work allows you to use your best abilities. You want to see the results of your work and get a feeling of accomplishment.

**Independence** – It's very important to you that your work allows you to make decisions on your own. You want to try out your own ideas and work with little supervision.

# Parole and Probation Officer

Provides social services to assist in rehabilitation of law offenders in custody or on probation or parole. Makes recommendations for actions involving formulation of rehabilitation plan and treatment of offender, including conditional release and education and employment stipulations.

## Education Level:

Bachelor's degree

## Iowa Earnings:

Entry Annual Wage: \$48,610

Entry Hourly Wage: \$23.37

## Iowa's Employment and Outlook:

Outlook – Stable; Annual growth rate is estimate to be 18%

Job Openings – 22 estimated annual job openings

Employment – 559 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Social** – You are a "helper". You like being around people and helping them with problems. Socializing is fun for you.

**Enterprising** – You are a "persuader". You like to sell things or ideas. Prestige and power are important to you. You like to use your language skills to convince other people of your ideas.

**Conventional** – You are an "organizer". Keeping things neat and organized is important to you. You like working with charts and reports, and work well with power and authority.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Relationships** – It's very important to you that you have friendly co-workers. You would like to be of service to others without compromising your sense of right and wrong.

**Support** – It's very important to you to know the company stands behind its workers and has competent, considerate and fair management.

# Information Security Analyst

Plans, coordinates and implements security measures for information systems to regulate access to computer data files and prevent unauthorized modification, destruction or disclosure of information.

## Education Level:

Bachelor's degree

## Iowa Earnings:

Entry Annual Wage: \$43,930

Entry Hourly Wage: \$21.12

## Iowa's Employment and Outlook:

Outlook – Increasing; Annual growth rate is estimate to be 23%

Job Openings – 66 estimated annual job openings

Employment – 1,757 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Conventional** – You are an "organizer". Keeping things neat and organized is important to you. You like working with charts and reports, and work well with power and authority.

**Investigative** – You are a "thinker". When you have a problem, you like to analyze it and look at different ways to solve it. You like to work by yourself, and you don't like explaining your ideas to other people.

**Realistic** – You are a "doer". You like physical activities and projects. You like to find the answers to problems by doing hands-on work instead of talking about solutions.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Achievement** – It's very important to you that your work allows you to use your best abilities. You want to see the results of your work and get a feeling of accomplishment.

**Independence** – It's very important to you that your work allows you to make decisions on your own. You want to try out your own ideas and work with little supervision.

# Court Reporter

Uses verbatim methods and equipment to capture, store, retrieve and transcribe pretrial and trial proceedings or other information. Includes stenocaptioners, who operate computerized stenographic captioning equipment to provide captions of live or prerecorded broadcasts for hearing-impaired viewers.

## Education Level:

Post-secondary training, plus work experience

## Iowa Earnings:

Entry Annual Wage: \$36,358

Entry Hourly Wage: \$17.48

## Iowa's Employment and Outlook:

Outlook – Stable; Annual growth rate is estimate to be 13%

Job Openings – 8 estimated annual job openings

Employment – 291 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Conventional** – You are an "organizer". Keeping things neat and organized is important to you. You like working with charts and reports, and work well with power and authority.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

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**Relationships** – It's very important to you that you have friendly co-workers. You would like to be of service to others without compromising your sense of right and wrong.

**Support** – It's very important to you to know the company stands behind its workers and has competent, considerate and fair management.

# Fire Investigator

Conducts investigations to determine causes of fires and explosions.

## Education Level:

Post-secondary training, plus work experience

## Iowa Earnings:

Entry Annual Wage: \$44,262

Entry Hourly Wage: \$21.28

## Iowa's Employment and Outlook:

Outlook – Stable; Annual growth rate is estimate to be 12%

Job Openings – 2 estimated annual job openings

Employment – 51 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Investigative** – You are a "thinker". When you have a problem, you like to analyze it and look at different ways to solve it. You like to work by yourself, and you don't like explaining your ideas to other people.

**Realistic** – You are a "doer". You like physical activities and projects. You like to find the answers to problems by doing hands-on work instead of talking about solutions.

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**Independence** – It's very important to you that your work allows you to make decisions on your own. You want to try out your own ideas and work with little supervision.

# Welder/Cutter

Uses hand welding equipment to weld together or repair metal components and parts. Uses flame-cutting or laser equipment to cut and trim metal objects to specified dimensions, according to layouts, work orders, or blueprints.

## Education Level:

One to two years post-secondary training

## Iowa Earnings:

Entry Annual Wage: \$26,478

Entry Hourly Wage: \$12.73

## Iowa's Employment and Outlook:

Outlook – Increasing; Annual growth rate is estimate to be 21%

Job Openings – 397 estimated annual job openings

Employment – 8,367 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Realistic** – You are a "doer". You like physical activities and projects. You like to find the answers to problems by doing hands-on work instead of talking about solutions.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Support** – It's very important to you to know the company stands behind its workers and has competent, considerate and fair management.

**Working Conditions** – It's very important to you that your work satisfies your needs in areas like salary, job security and your working style preferences, such as working alone, staying busy all the time or having variety in your work tasks.

# Electronics Engineering Technician

Lays out, builds, tests, troubleshoots, repairs, and modifies developmental and production electronic components, parts, equipment and systems. Applies principles and theories of electronics, electrical circuitry, engineering mathematics, electronic and electrical testing, and physics. Works on items such as computer equipment, missile control instrumentation, electron tubes, test equipment, and machine tool numerical controls. Usually works under the direction of engineering staff.

## Education Level:

Associate's degree

## Iowa Earnings:

Entry Annual Wage: \$35,402

Entry Hourly Wage: \$17.02

## Iowa's Employment and Outlook:

Outlook – Stable; Annual growth rate is estimate to be 3%

Job Openings – 26 estimated annual job openings

Employment – 1,196 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Realistic** – You are a "doer". You like physical activities and projects. You like to find the answers to problems by doing hands-on work instead of talking about solutions.

**Investigative** – You are a "thinker". When you have a problem, you like to analyze it and look at different ways to solve it. You like to work by yourself, and you don't like explaining your ideas to other people.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Achievement** – It's very important to you that your work allows you to use your best abilities. You want to see the results of your work and get a feeling of accomplishment.

**Support** – It's very important to you to know the company stands behind its workers and has competent, considerate and fair management.

# Interior Designer

Plans, designs, and furnishes interiors of residential, commercial, or industrial buildings. May specialize in a particular field, style, or phase of interior design. Uses computers to plan layouts that can be changed easily to include ideas received from the client.

## Education Level:

Associate's degree

## Iowa Earnings:

Entry Annual Wage: \$24,877

Entry Hourly Wage: \$11.96

## Iowa's Employment and Outlook:

Outlook – Increasing; Annual growth rate is estimate to be 22%

Job Openings – 29 estimated annual job openings

Employment – 540 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Artistic** – You are a "creator". You enjoy things like art, music and books, and express your feelings easily. You don't like rigid rules and structure.

**Enterprising** – You are a "persuader". You like to sell things or ideas. Prestige and power are important to you. You like to use your language skills to convince other people of your ideas.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Achievement** – It's very important to you that your work allows you to use your best abilities. You want to see the results of your work and get a feeling of accomplishment.

**Independence** – It's very important to you that your work allows you to make decisions on your own. You want to try out your own ideas and work with little supervision.

# Archeologist

Conducts research to reconstruct records of past human life and culture from human remains, artifacts, architectural features, and structures recovered through excavation, underwater recovery, or other means of discovery.

## Education Level:

Master's degree

## Iowa Earnings:

Entry Annual Wage: \$32,947

Entry Hourly Wage: \$15.84

## Iowa's Employment and Outlook:

Outlook – Increasing; Annual growth rate is estimate to be 33%

Job Openings – 2 estimated annual job openings

Employment – 21 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Investigative** – You are a "thinker". When you have a problem, you like to analyze it and look at different ways to solve it. You like to work by yourself, and you don't like explaining your ideas to other people.

**Realistic** – You are a "doer". You like physical activities and projects. You like to find the answers to problems by doing hands-on work instead of talking about solutions.

**Artistic** – You are a "creator". You enjoy things like art, music and books, and express your feelings easily. You don't like rigid rules and structure.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Achievement** – It's very important to you that your work allows you to use your best abilities. You want to see the results of your work and get a feeling of accomplishment.

**Independence** – It's very important to you that your work allows you to make decisions on your own. You want to try out your own ideas and work with little supervision.

# Meteorologist

Investigates atmospheric phenomena and interprets meteorological data gathered by surface and air stations, satellites, and radar. Prepares reports and forecasts for public and other uses.

## Education Level:

Bachelor's degree

## Iowa Earnings:

Entry Annual Wage: \$49,670

Entry Hourly Wage: \$23.88

## Iowa's Employment and Outlook:

Outlook – Stable; Annual growth rate is estimate to be 6%

Job Openings – 1 estimated annual job openings

Employment – 78 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Investigative** – You are a "thinker". When you have a problem, you like to analyze it and look at different ways to solve it. You like to work by yourself, and you don't like explaining your ideas to other people.

**Realistic** – You are a "doer". You like physical activities and projects. You like to find the answers to problems by doing hands-on work instead of talking about solutions.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Achievement** – It's very important to you that your work allows you to use your best abilities. You want to see the results of your work and get a feeling of accomplishment.

**Independence** – It's very important to you that your work allows you to make decisions on your own. You want to try out your own ideas and work with little supervision.

# Robotics Engineer

Researches, designs, develops, and tests robotic applications.

## Education Level:

Bachelor's degree

## Iowa Earnings:

Entry Annual Wage: \$46,405

Entry Hourly Wage: \$22.31

## Iowa's Employment and Outlook:

Outlook – Stable; Annual growth rate is estimate to be 16%

Job Openings – 12 estimated annual job openings

Employment – 320 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Investigative** – You are a "thinker". When you have a problem, you like to analyze it and look at different ways to solve it. You like to work by yourself, and you don't like explaining your ideas to other people.

**Realistic** – You are a "doer". You like physical activities and projects. You like to find the answers to problems by doing hands-on work instead of talking about solutions.

**Conventional** – You are an "organizer". Keeping things neat and organized is important to you. You like working with charts and reports, and work well with power and authority.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Independence** – It's very important to you that your work allows you to make decisions on your own. You want to try out your own ideas and work with little supervision.

**Working Conditions** – It's very important to you that your work satisfies your needs in areas like salary, job security and your working style preferences, such as working alone, staying busy all the time or having variety in your work tasks.

# Aviation Inspector

Inspects aircraft, maintenance procedures, air navigational aids, air traffic controls, and communications equipment to ensure conformance with Federal safety regulations.

## Education Level:

Post-secondary training, plus work experience

## Iowa Earnings:

Entry Annual Wage: \$50,190

Entry Hourly Wage: \$24.13

## Iowa's Employment and Outlook:

Outlook – Stable; Annual growth rate is estimate to be 10%

Job Openings – 7 estimated annual job openings

Employment – 200 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Realistic** – You are a "doer". You like physical activities and projects. You like to find the answers to problems by doing hands-on work instead of talking about solutions.

**Conventional** – You are an "organizer". Keeping things neat and organized is important to you. You like working with charts and reports, and work well with power and authority.

**Investigative** – You are a "thinker". When you have a problem, you like to analyze it and look at different ways to solve it. You like to work by yourself, and you don't like explaining your ideas to other people.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Achievement** – It's very important to you that your work allows you to use your best abilities. You want to see the results of your work and get a feeling of accomplishment.

**Support** – It's very important to you to know the company stands behind its workers and has competent, considerate and fair management.

# Forensic Science Technician

Collects, identifies, classifies, and analyzes physical evidence related to criminal investigations. Performs tests on weapons or substances, such as fiber, hair, and tissue to determine significance to investigation. May testify as expert witnesses on evidence or crime laboratory techniques. May serve as specialists in area of expertise, such as ballistics, fingerprinting, handwriting, or biochemistry.

## Education Level:

Bachelor's degree

## Iowa Earnings:

Entry Annual Wage: \$42,827

Entry Hourly Wage: \$20.59

## Iowa's Employment and Outlook:

Outlook – Stable; Annual growth rate is estimate to be 8%

Job Openings – 5 estimated annual job openings

Employment – 83 were employed in this occupation

## Interests:

The following categories describe the work interests of people who tend to succeed in this career:

**Investigative** – You are a "thinker". When you have a problem, you like to analyze it and look at different ways to solve it. You like to work by yourself, and you don't like explaining your ideas to other people.

**Realistic** – You are a "doer". You like physical activities and projects. You like to find the answers to problems by doing hands-on work instead of talking about solutions.

**Conventional** – You are an "organizer". Keeping things neat and organized is important to you. You like working with charts and reports, and work well with power and authority.

## Work Values:

Work values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Recognition** – It's very important to you that your work satisfies your need for prestige and leadership opportunities, as well as opportunities for advancement.

**Support** – It's very important to you to know the company stands behind its workers and has competent, considerate and fair management.