



Results from 16 “brain games”

- Terms that describe you
- Powerful statements to use in resumes, letters, and essays
- Your Talents
 - How does this impact my daily life: work, school, social
 - Things you may find easy/difficult for you
 - Tips for success
- Types of Work that Interest You
- Careers (sourced from Department of Labor and Department of Education, continually updated)
 - How well each of over 650 careers fit you: Strong, Good, Fair, or Poor
 - Mechanical engineer chicklet
 - A day in the life
 - Core tasks
 - How this career fits you (aptitudes and interests – screen shot)
 - How you get there
 - Degree level for this career
 - Recommended major(s) for this career
- Expected job openings in this career (next 10 years)
 - Nationally
 - Each State
- Salary projections in this career (next 10 years)
 - Nationally
 - Each State

STEM Student

Here are some key terms that can help describe who you are.

Terms that Describe You

<input type="radio"/> Fast Learner	<input type="radio"/> Socially Flexible	<input type="radio"/> Improvement Oriented
<input type="radio"/> Natural Planner	<input type="radio"/> Idea Generator	<input type="radio"/> Mathematical
<input type="radio"/> Logical	<input type="radio"/> Improviser	<input type="radio"/> Data-driven Strategic Thinker
<input type="radio"/> Methodical	<input type="radio"/> Quick To Respond	<input type="radio"/> Number Analyzer
<input type="radio"/> Future Focused	<input type="radio"/> Brainstormer	<input type="radio"/> Strong Communicator
<input type="radio"/> Determined	<input type="radio"/> Diagnostic	<input type="radio"/> Large Vocabulary
<input type="radio"/> Motivated	<input type="radio"/> Problem Solver	<input type="radio"/> Team Player

View Removed (6)

Here are some powerful statements to use in resumes, letters and essays.

Work Approach

Your Work Approach is how you are likely to fit into a workplace or group.


- I'm happiest when I can use my expertise while contributing to a group or project.
- I have Generalist and Specialist qualities, so I have the potential to lead and bring out the best in people.
- I balance between collaborating with others and focusing on my area of expertise.
- I can fill gaps in a team because I can be a collaborator or an expert.
- My Specialist side craves the expert's deep knowledge and passion for a particular field, and the rewards that individual achievement can bring.
- I'll have opportunities for leadership because I can bring a team of experts together to achieve a goal.

View Removed (1)

Interpersonal Style

Introversion and extroversion refer to the type and amount of interaction with other people that gives you energy or takes it away.

- I'm flexible because I can enjoy spending time with other people or alone.
- I can do well in a group setting and with active interaction, but I also need time to recharge my inner battery.
- I'll do equally well in either small or large classes, but may need to spend time studying alone to recharge.



Your Talents

You are a Sequential Thinker

- You can easily organize ideas and concepts in your head.
- You're good at fitting steps into a process, or activities into a schedule, so you excel as a planner.
- Developing systems that do not exist or making existing systems more efficient is where you will shine.

[Explore >](#)

[View Career Matches](#)

Sequential Reasoning

You get how it all fits together.
The way you mentally organize, we call you a "Sequential Thinker"

What is Sequential Reasoning?

Sequential Reasoning is a problem solving ability that allows you to mentally arrange information in logical linear order. It helps you create a sequential, linear, and systematic planning approach that allows you to make accurate logical deductions and find it easy to explain to others how the pieces of a plan fit together. Simply stated, this is your knack for organizing things in your head - ideas, information, systems - and it determines whether you'll thrive doing a lot of logical organizing, or a little. There's a long road that starts with planning and ends with doing: find the spot where you're most effective.


How does this impact my daily life?	Things you may find...
<div style="display: flex; justify-content: space-around; border-bottom: 1px solid #ccc; padding-bottom: 5px;"> Work School Social </div>	<div style="display: flex; justify-content: space-around; border-bottom: 1px solid #ccc; padding-bottom: 5px;"> Easy for you Difficult for you </div>
<ul style="list-style-type: none"> ♥ Developing systems that do not exist or making existing systems more efficient is where you will shine. ♥ Look for ways to feed your aptitude for creating processes, working out logistics, and dealing with complex schedules. ♥ Making and giving presentations will come naturally to you. 	<ul style="list-style-type: none"> ♥ Quickly communicating the details of your ideas and plans ♥ Remembering to spell out how you arrived at successive steps ♥ Being patient while others work through steps ♥ Anticipating/allowing time for questions during presentations

Tips for success

- ♥ Make sure you have visible plans, schedules, and explanations for the others on your team. They're not mind-readers.
- ♥ Take time to share your thought process with others on your team. That will build their confidence in the logic of your plan.
- ♥ You'll enjoy creating order out of chaos. Jump in and save the day.
- ♥ Your gift at organizing thoughts should help you in writing clear, logical communications. Look for chances to contribute this way.


Types of Work that Interest You

You expressed interest in these three areas based on the activities you would enjoy.




Realistic

You're most interested in work that is practical and hands-on with tangible results.



Investigative

You're most interested in work that is intellectual and theoretical in nature.



Artistic


You're most interested in work that is creative and original.

[View Career Matches](#)

Mechanical Engineer

Mechanical Engineer

Edu
Investment 4+YRS Proj. Openings 103k Avg. Salary 88k



●●● Strong Overall Fit

★ Unsave

Introduction to this career

A Day in the Life

Mechanical engineers design, develop, build, and test mechanical devices, including tools, engines, and machines.

Mechanical engineering is one of the broadest engineering disciplines. As a mechanical engineer you research, design, develop, build, and test mechanical devices, including tools, engines, and machines. You can work in engineering services, research and development, manufacturing industries, or architectural and related services. You can work in many specific industries including navigational and control instruments manufacturing; or aerospace product manufacturing. Additionally, you can work in general-purpose machinery manufacturing, automotive parts manufacturing and testing laboratories. Your work environment will typically be a professional office setting with occasional trips to visit worksites where a problem or piece of equipment needs their personal attention.

[View More](#)

Core Tasks 1 of 3

- Estimate costs or submit bids for engineering, construction, or extraction projects.
- Read and interpret blueprints, technical drawings, schematics, or computer-generated reports.
- Research, design, evaluate, install, operate, or maintain mechanical products, equipment, systems or processes to meet requirements.
- Confer with engineers or other personnel to implement operating procedures, resolve system malfunctions, or provide technical information.
- Develop, coordinate, or monitor all aspects of production, including selection of manufacturing methods, fabrication, or operation of product designs.
- Investigate equipment failures or difficulties to diagnose faulty operation and recommend remedial actions.

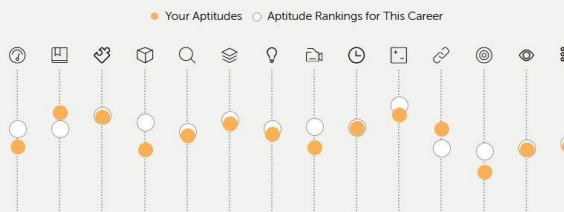
[Next](#)

How This Career Fits You

This graph shows how good of a fit you are on an aptitude basis. You'll want your aptitude score to match up with the ideal fit, otherwise it might be too challenging or not stimulating enough for you.

[Learn More](#)

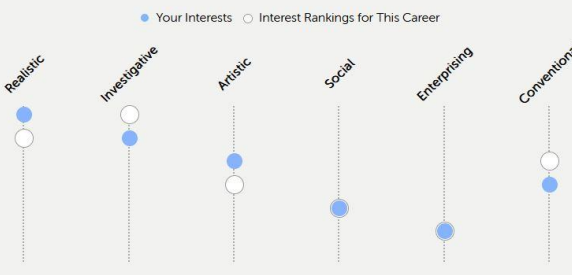
● Your Aptitudes ○ Aptitude Rankings for This Career



How Your Interests Match This Career

Your interest in a career can help you decide which careers seem like a better fit for you when the abilities are similar


● Your Interests ○ Interest Rankings for This Career




Commonly Held Degrees

Bachelor's Degree	Associate's Degree	High School Diploma or GED
87%	6%	4%

Best Majors or Career Programs

 Mechanical Engineering

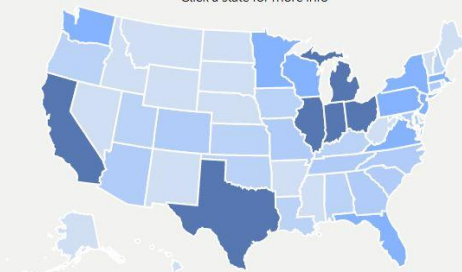
 Electromechanical Engineering

Expected Job Openings and Salaries

Number of Job Openings

Low High

Click a state for more info



National Salary Guide and Projected Job Openings for this Career:

Projected 10yr openings: 102,500	Average growth rate for all careers is 6.5%	Growth rate: 5.3%
Salary Guide (Based on U.S. National average) \$54k \$88k \$128k Starting Average Top		Positions Held As of 2014 277,500 As of 2024 292,100

Liberal Arts/Humanities Student

Here are some key terms that can help describe who you are.

Terms that Describe You

<input type="radio"/> Natural Planner	<input type="radio"/> Balanced Focus	<input type="radio"/> Investigative
<input type="radio"/> Solution Oriented	<input type="radio"/> Goal Setter	<input type="radio"/> Abstract Thinker
<input type="radio"/> Methodical	<input type="radio"/> Socially Flexible	<input type="radio"/> Good Vocabulary
<input type="radio"/> Logical	<input type="radio"/> Balanced Brainstormer	<input type="radio"/> Good Communicator
<input type="radio"/> Natural Editor	<input type="radio"/> Elaborative	<input type="radio"/> Team Oriented
<input type="radio"/> Quick Visual Scanner	<input type="radio"/> Problem-solving Pacesetter	<input type="radio"/> Collaborative

View Removed (1)

Here are some powerful statements to use in resumes, letters and essays.

Work Approach

Your Work Approach is how you are likely to fit into a workplace or group.


- I enjoy a group effort toward a common goal, and I'm happy to do different jobs to contribute.
- I have empathy for others and how my work impacts them.
- It's shared success that pleases me.

View Removed (1)

Interpersonal Style

Introversion and extroversion refer to the type and amount of interaction with other people that gives you energy or takes it away.

- I'm flexible because I can enjoy spending time with other people or alone.
- I can do well in a group setting and with active interaction, but I also need time to recharge my inner battery.
- I'll do equally well in either small or large classes, but may need to spend time studying alone to recharge.
- I might hold back in a large crowd, but I'm selectively assertive and can easily assume leadership roles.
- I may come across as guarded when I'm first introduced to strangers, but I quickly open up as I come to know them.



Your Talents

You are a Visual Scanner

- You're a natural proofreader, and you sail through forms before anyone else.
- Your visual radar moves super fast. Tasks like playing video games or identifying a face in a crowd come easily to you.
- You're fast and accurate in scanning detailed documents.

[Explore >](#)

[View Career Matches](#)

Visual Comparison Speed

No typo hides from you.
We call you a "Visual Scanner"

What is Visual Comparison Speed?

Visual Comparison Speed is a measure of visual dexterity that allows you to process written information quickly and accurately. It affects your quickness at taking in visual information and processing it without digesting or interpreting it. This ability usually isn't a determining factor for most careers but does make reading, scanning visual information, and paperwork easier for those who possess it.

How does this impact my daily life?	Things you may find...
<p>Work <u>School</u> Social</p> <ul style="list-style-type: none"> ♥ You'll probably complete the clerical aspects of worksheets, word problems, research, and multiple choice tests more quickly than most. ♥ Scanning a large volume of printed information, comb indexes or long lists to find detailed information will probably be easy for you. ♥ You likely have no problem taking thorough notes quickly. ♥ You are likely to find anomalies easily in microscopic material and other specimens. 	<p>Easy for you <u>Difficult for you</u></p> <ul style="list-style-type: none"> ♥ Performing repetitive and routine tasks ♥ Reading lists, timetables, or other materials without "proofreading" them at the same time ♥ Waiting for others to take their turns in games based on visual processing speed

Tips for success

- ♥ Use your visual scanning adeptness to review material quickly without letting typos and other errors slow you down or lead you to disregard the message.
- ♥ Value this aptitude. Offer to help where you can save a team time and error, but make sure the project is worthy to you. Your contribution is vital.
- ♥ Don't feel you need to re-do the proofreading work that others have done sloppily. It's not always your job just because you're good at it. Recommend they use tools like spellcheckers.

Types of Work that Interest You

You expressed interest in these three areas based on the activities you would enjoy.

[View Career Matches](#)

Social

You're most interested in work that is helping and supportive.

Enterprising

You're most interested in work that is persuasive and competitive.

Conventional

You're most interested in work that is practical and detail-oriented.

Physical Education Specialist

Adapted Physical Education Specialist

Edu. Investment: 4-YRS
Proj. Openings: 11k
Avg. Salary: 58k



●●● Strong Overall Fit

★ Save Career

A Day in the Life

Family and General Physicians are medical doctors who typically have a base of regular, long-term patients. These doctors sometimes refer patients to specialists or other healthcare facilities for further diagnosis or treatment.

Family medicine is a specialty involving comprehensive care for people of all ages, genders, diseases, and parts of the body; it requires training in several areas in addition to a general physician's training. As a Family or General Physician, you will spend your days taking care of patients in an office or clinic and during hospital visits. You will take patients' medical histories and update charts and patient information to show current findings. You will order tests for nurses or other healthcare staff to conduct and review test results to identify any abnormal findings. You will diagnosis illnesses and conditions and recommend and design plans of treatment. Routine checkups, immunizations, and personalized health counseling will be a part of the care you provide. You will answer patients' concerns or questions about their health and well-being. You will advise them about topics such as proper nutrition and hygiene. You will study to remain up to date on new medical research findings, medications, and treatments for a variety of medical problems. You will supervise nurses and office clerical staff.

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Core Tasks 1 of 4

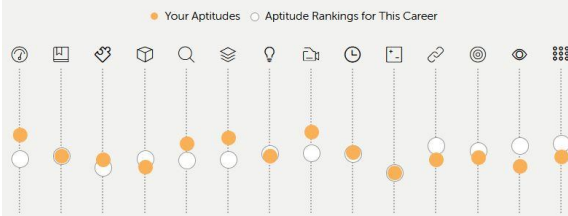
- Provide adapted physical education services to students with intellectual disabilities, autism, traumatic brain injury, orthopedic impairments, or other disabling condition.
- Adapt instructional techniques to the age and skill levels of students.
- Instruct students, using adapted physical education techniques, to improve physical fitness, gross motor skills, perceptual motor skills, or sports and game achievement.
- Maintain thorough student records to document attendance, participation, or progress, ensuring confidentiality of all records.
- Assist in screening or placement of students in adapted physical education programs.
- Provide students positive feedback to encourage them and help them develop an appreciation for physical education.



How This Career Fits You

This graph shows how good of a fit you are on an aptitude by aptitude basis. You'll want your aptitude score to match up with the ideal fit, otherwise it might be too challenging or not stimulating enough for you.

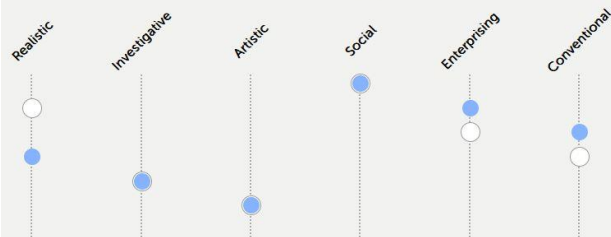
[Learn More](#)



How Your Interests Match This Career

Your interest in a career can help you decide which careers seem like a better fit for you when the abilities are similar

● Your Interests ○ Interest Rankings for This Career



Commonly Held Degrees

Bachelor's Degree	Master's Degree	Doctoral or Professional Degree
68%	28%	3%
Educational Summary	Licensing	Certification

Most employers require a master's degree in adaptive physical education (APE); some may require only a bachelor's degree.

Best Majors or Career Programs

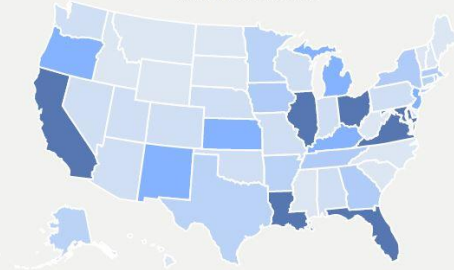
General Special Education and Teaching		Education/Teaching of Individuals with Hearing Impairments Including Deafness		Education/Teaching of Individuals with Emotional Disturbances	
Related Careers	Related Majors	Related Careers	Related Majors	Related Careers	Related Majors
3	16	4	16	3	16

Expected Job Openings and Salaries

Number of Job Openings

Low ●●● High

Click a state for more info




National Salary Guide and Projected Job Openings for this Career:

Projected 10yr openings: 10,500	Average growth rate for all careers is 6.5%	Growth rate: 7.2%
Salary Guide (Based on U.S. National average) \$32k \$58k \$90k <small>Starting Average Top</small>		Positions Held As of 2014 40,400 As of 2024 43,300

Doctor

Family and General Physician

Edu Investment 7+YRS Proj. Openings 152k Avg. Salary 192k



●●○ Good Overall Fit

★ Save Career

A Day in the Life

Family and General Physicians are medical doctors who typically have a base of regular, long-term patients. These doctors sometimes refer patients to specialists or other healthcare facilities for further diagnosis or treatment.

Family medicine is a specialty involving comprehensive care for people of all ages, genders, diseases, and parts of the body; it requires training in several areas in addition to a general physician's training. As a Family or General Physician, you will spend your days taking care of patients in an office or clinic and during hospital visits. You will take patients' medical histories and update charts and patient information to show current findings. You will order tests for nurses or other healthcare staff to conduct and review test results to identify any abnormal findings. You will diagnosis illnesses and conditions and recommend and design plans of treatment. Routine checkups, immunizations, and personalized health counseling will be a part of the care you provide. You will answer patients' concerns or questions about their health and well-being. You will advise them about topics such as proper nutrition and hygiene. You will study to remain up to date on new medical research findings, medications, and treatments for a variety of medical problems. You will supervise nurses and office clerical staff.

[View More](#)

Core Tasks 1 of 2

- Explain procedures and discuss test results or prescribed treatments with patients.
- Collect, record, and maintain patient information, such as medical history, reports, or examination results.
- Prescribe or administer treatment, therapy, medication, vaccination, and other specialized medical care to treat or prevent illness, disease, or injury.
- Monitor patients' conditions and progress and reevaluate treatments as necessary.
- Order, perform, and interpret tests and analyze records, reports, and examination information to diagnose patients' condition.
- Advise patients and community members concerning diet, activity, hygiene, and disease prevention.

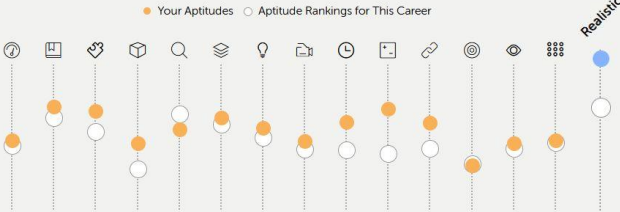
[Next](#)

How This Career Fits You

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[Learn More](#)

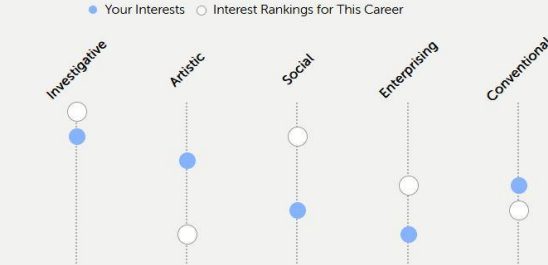
● Your Aptitudes ○ Aptitude Rankings for This Career



How Your Interests Match This Career

Your interest in a career can help you decide which careers seem like a better fit for you when the abilities are similar

● Your Interests ○ Interest Rankings for This Career



Commonly Held Degrees

Doctoral or Professional Degree	Master's Degree
96%	3%

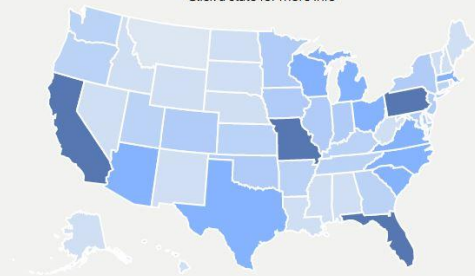
Best Majors or Career Programs

Pre-Medicine/Pre-Medical Studies		General Health Services/Allied Health/Health Sciences		Humanities/Humanistic Studies	
Related Careers	Related Majors	Related Careers	Related Majors	Related Careers	Related Majors
20	8	20	1	19	2

Expected Job Openings and Salaries

Number of Job Openings
 Low High

Click a state for more info



National Salary Guide and Projected Job Openings for this Career:

Projected 10yr openings: 51,900	Average growth rate for all careers is 6.5%	Growth rate: 10.2%
Salary Guide (Based on U.S. National average) \$66k \$192k \$236k Starting Average Top		Positions Held As of 2014 139,800 As of 2024 154,100

Lawyer

Lawyer

Edu. Investment 7+YRS Proj. Openings 158k Avg. Salary 136k



Weak Overall Fit

★ Save Career

A Day in the Life

Lawyers, also called attorneys, act as both advocates and advisors. Advocates represent one of the parties in criminal and civil trials by presenting evidence and arguing in court to support your client. Advisors counsel clients about their legal rights and obligations and suggest courses of action in business and personal matters. All Lawyers research the intent of laws and judicial decisions and apply the laws to the specific circumstances that their clients face.

As a Lawyer, you should expect to work long hours conducting research and preparing or reviewing documents. As an advocate, you will represent one of the parties in a criminal and civil trial by presenting evidence and arguing in court to support your client. As an advisor, you will counsel your clients about their legal rights and obligations and suggest courses of action in business and personal matters. You will be expected to research the intent of laws and judicial decisions and apply the laws to the specific circumstances that your clients face.

To prepare for cases more efficiently, you will increasingly use the Internet, online legal databases, and virtual law libraries. Expect to oversee the work of support staff, such as paralegals and legal assistants.

[View More](#)

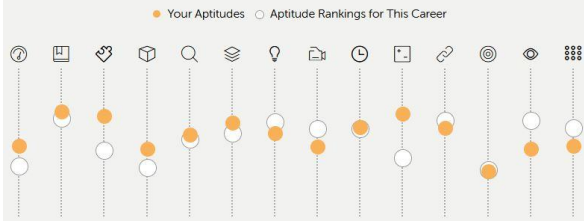
Core Tasks 1 of 3

- Interpret laws, rulings and regulations for individuals and businesses.
- Analyze the probable outcomes of cases, using knowledge of legal precedents.
- Advise clients concerning business transactions, claim liability, advisability of prosecuting or defending lawsuits, or legal rights and obligations.
- Select jurors, argue motions, meet with judges, and question witnesses during the course of a trial.
- Present evidence to defend clients or prosecute defendants in criminal or civil litigation.
- Represent clients in court or before government agencies.

How This Career Fits You

This graph shows how good of a fit you are on an aptitude basis. You'll want your aptitude score to match up with the ideal fit, otherwise it might be too challenging or not stimulating enough for you.

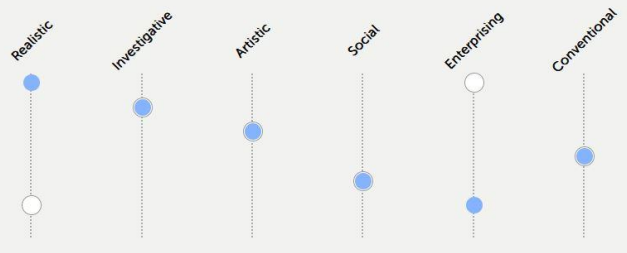
[Learn More](#)



How Your Interests Match This Career

Your interest in a career can help you decide which careers seem like a better fit for you when the abilities are similar

● Your Interests ○ Interest Rankings for This Career



Commonly Held Degrees

Doctoral or Professional Degree
100%

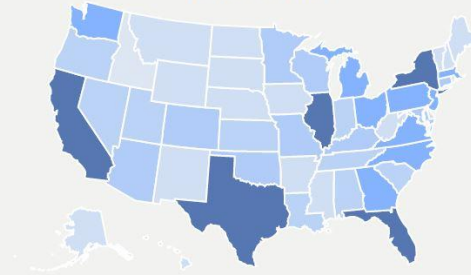
Best Majors or Career Programs

Environmental Studies		Legal Studies, General		Pre-Law Studies	
Related Careers	Related Majors	Related Careers	Related Majors	Related Careers	Related Majors
5	3	4	1	3	1

Expected Job Openings and Salaries

Number of Job Openings
Low ●●●●● **High** ●

Click a state for more info



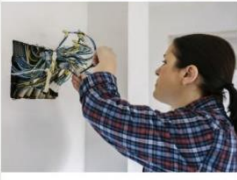
National Salary Guide and Projected Job Openings for this Career.

Projected 10yr openings: 157,700	Average growth rate for all careers is 6.5%	Growth rate: 5.6%
Salary Guide (Based on U.S. National average) \$56k \$136k \$187k <small>Starting Average Top</small>		Positions Held As of 2014 778,700
		As of 2024 822,500

Trades – Electrician (not every student is designed to go to college)

Electrician

Edu Investment Proj. Openings Avg. Salary
 None 182k 56k



○ ○ ○ Fair Overall Fit

★ Save Career

A Day in the Life

Electricians install and maintain electrical systems in homes, businesses, and factories.

As an Electrician, you could spend your time working in a variety of settings, mainly homes, factories and offices. You will read blueprints or technical diagrams for the building where you will work. You will install and maintain wiring and lighting systems. You will inspect electrical components, such as transformers and circuit breakers and identify electrical problems with a variety of testing devices. You will install, repair or replace wiring, equipment, or fixtures. To do so you will use hand tools and power tools. You will be responsible for following state and local building regulations based on the National Electric Code. You may direct and train workers to install, maintain, or repair electrical wiring or equipment.

[View More](#)

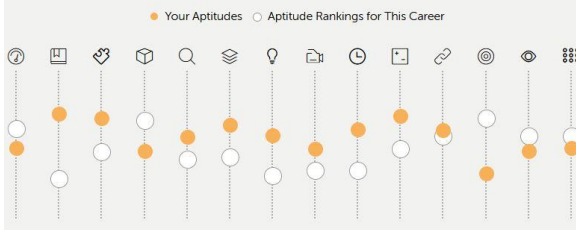
Core Tasks 1 of 4

- Plan layout and installation of electrical wiring, equipment, or fixtures, based on job specifications and local codes.
- Connect wires to circuit breakers, transformers, or other components.
- Test electrical systems or continuity of circuits in electrical wiring, equipment, or fixtures, using testing devices, such as ohmmeters, voltmeters, or oscilloscopes, to ensure compatibility and safety of system.
- Use a variety of tools or equipment, such as power construction equipment, measuring devices, power tools, and testing equipment, such as oscilloscopes, ammeters, or test lamps.
- Inspect electrical systems, equipment, or components to identify hazards, defects, or the need for adjustment or repair, and to ensure compliance with codes.
- Prepare sketches or follow blueprints to determine the location of wiring or equipment and to ensure conformance to building and safety codes.

How This Career Fits You

This graph shows how good of a fit you are on an aptitude by aptitude basis. You'll want your aptitude score to match up with the ideal fit, otherwise it might be too challenging or not stimulating enough for you.

[Learn More](#)



How Your Interests Match This Career

Your interest in a career can help you decide which careers seem like a better fit for you when the abilities are similar

● Your Interests ○ Interest Rankings for This Career



Commonly Held Degrees

Vocational Award	High School Diploma or GED	None	Bachelor's Degree
59%	21%	7%	7%

Best Majors or Career Programs

↗ Electrician

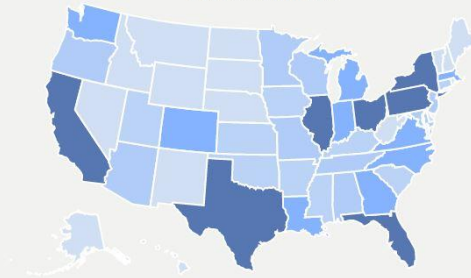
Related Careers	Related Majors
2	3

Expected Job Openings and Salaries

Number of Job Openings

Low    High

Click a state for more info



National Salary Guide and Projected Job Openings for this Career:

Projected 10yr openings:
181,800

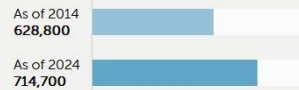
Average growth rate for all careers is 6.5%

Growth rate:
13.7%

Salary Guide (Based on U.S. National average)




Positions Held



Schools


School type Enrollment size Cost per year
4+YRS — —



**Texas A & M University-
College Station**
JKW Administration Building, Suite 200.
— College Station, TX, US

More >


School type Enrollment size Cost per year
4+YRS — —



**The University of Texas
at Austin**
110 Inner Campus Drive. — Austin, TX,
US

More >


School type Enrollment size Cost per year
4+YRS — \$ 65K AVG



Baylor University
. — Waco, TX, US

More >

School type Enrollment size Cost per year
4+YRS — —



Rice University
6100 S Main St. — Houston, TX, US

More >


School type Enrollment size Cost per year
TRADE 769 —



**Tulsa Welding School-
Houston**
243A Greens Road. — Houston, TX, US

More >

School type Enrollment size Cost per year
TRADE 24 —



**The Vocational Nursing
Institute Inc**
11201 Steeple Park Drive. — Houston,
TX, US

More >

School Details

About

William Marsh Rice University (Rice University) is a private research university in Houston, Texas. It is on a 300-acre campus near the Houston Museum District and adjacent to the Texas Medical Center. Opened in 1912 after the murder of its namesake William Marsh Rice, Rice is a research university with an undergraduate focus. Its emphasis on undergraduate education is demonstrated by its 6.1 stud...

General information

Name
Rice University

Location Region
Houston Southwest

Control School type
Private (for-profit) 4-year

COLLEGE WEBSITE

www.rice.edu/

ADDITIONAL:

Classes offered

In-person and online

Religious Affiliation

Not affiliated with a religion

Student outcomes

Retention, completion, and earnings

OUTCOMES

The rate of how many students return after a year

Retention rate 96.66%

The rate of program completion

Completion rate 93.39%

For graduates

Median earnings for graduates

\$63,654

Admissions

Key statistics



GENERAL

Open admission policy

No

Admissions rate

11%

[Admission website](#)

TEST REQUIREMENTS

ACT Required



SAT Recommended



OTHER REQUIREMENTS

High school GPA

Not Required

High school transcript

Required

High school rank

Not Required

Recommendations

Required