

CAREER WATCH

ARKANSAS

It's not a job. It's a career.
2016 EDITION | Volume 25

Occupations

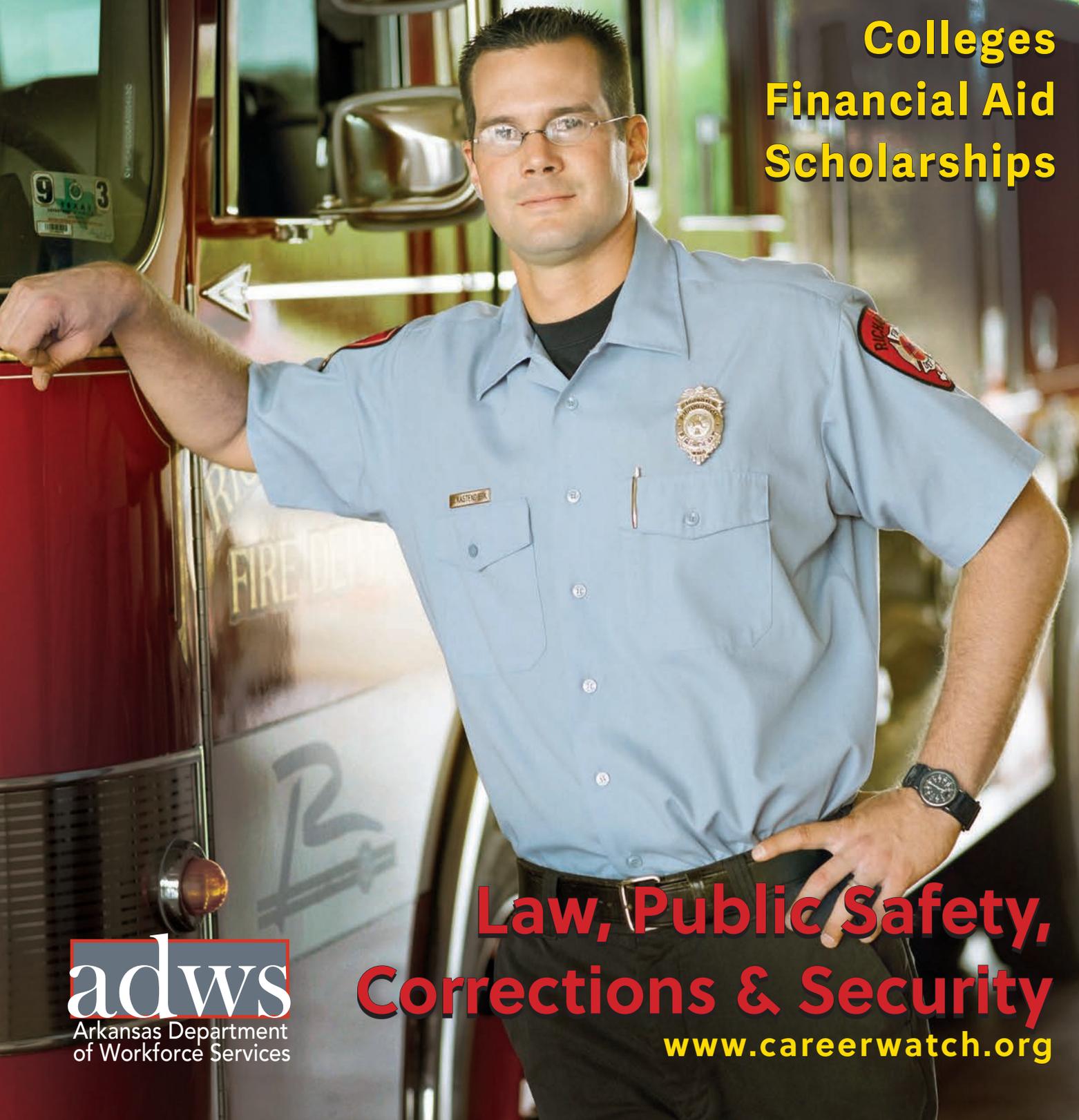
Interviews

Resumes

Colleges

Financial Aid

Scholarships



adws
Arkansas Department
of Workforce Services

**Law, Public Safety,
Corrections & Security**

www.careerwatch.org



From the Governor

Dear Students:

As we are faced with new challenges in our nation, we look to you—the future leaders in communities across, Arkansas—to help lay the foundation for the next generation. The bold choices you make while in school toward your career path will ultimately guide your choices once you graduate. A decision to choose an occupation within the career pathway of Law, Public Safety, Corrections and Security will serve, not only you, but the citizens of Arkansas and our nation.

When I was kid growing up in Gravette, Arkansas, I knew I loved Arkansas but wasn't sure of my career path. Later, I developed a love for public service and law enforcement, and the passion has helped shape my life.

I cannot think of a better time in our nation's history to choose a field of study to help keep our communities safe. Arkansas needs smart, courageous youth to enforce laws, support citizens in times of emergencies and provide legal services to residents.

Whether you choose to be a fireman, a police officer, a social worker, a lawyer or one of the many fields of study within this career path, I am assured the future and care of Arkansas and its citizens is in trusted hands.

Good luck to each of you!

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The Career Watch Arkansas Teacher's Guide and other educational materials are available in PDF format at:

www.discover.arkansas.gov under the Publications link.

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Arkansas Department of Career Education
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Arkansas Department of Higher Education

A goal of DWS is to improve, through coordination and standardization, the development, quality and use of occupational information for career decision-making, program planning and economic development.

DWS coordinates information to meet the needs of individuals, especially youth, who are making career decisions, while also providing information to support economic development issues.

DWS is extremely interested in making

this publication as useful and informative as possible. Please send your comments, suggestions, ideas or additional copy requests to:

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"Auxiliary aids and services are available upon request to individuals with disabilities."

We want your input!

In just a few minutes,
this publication can be
made better by you!

Go to *www.careerwatch.org* and
click on the survey link located
at the bottom of the page.

If you are unable to access the Internet, you
can still send in a paper copy of our survey; it's
located right on the back of this page.



It's not a job. It's a career.
•www.careerwatch.org•

Take the Survey!

Help us out!

Please take a few moments to evaluate ***Career Watch Arkansas***.
Let us know what your information needs are and if this magazine meets those needs.

Please indicate your overall level of satisfaction.

Very Satisfied
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Indifferent
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How do you plan to use this information?

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Wage/Employment Study
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Other, please list

How useful was the information?

Very Useful
Useful
Fair
Not very Useful
Not Useful at All

Please indicate what sector you represent.

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Other, please list

Would you recommend *Career Watch Arkansas* to others?

Yes No

What could make *Career Watch Arkansas* more useful?

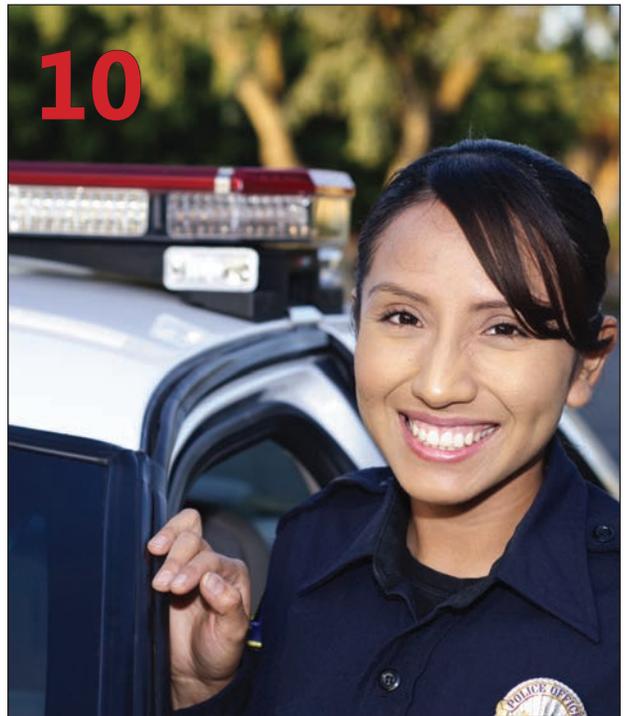
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Career Watch Arkansas

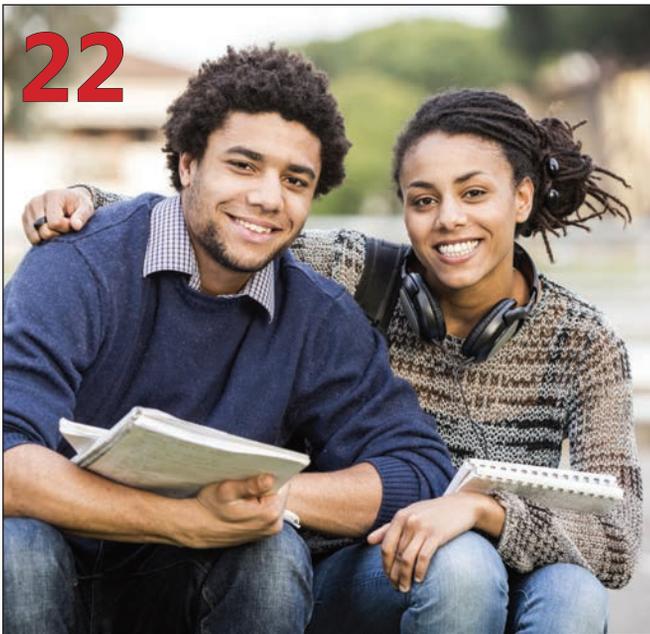
Law, Public Safety, Corrections & Security

The planning, managing, and providing of legal, public safety, protective services and homeland security, including professional and technical support services.



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Arkansas Colleges & Universities



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careerwatchar

Find more information about education and careers at

WWW.CAREERWATCH.ORG

sell yourself

A Resume Guide



There's no telling just how many resumes an employer might get in a day for a job. It's the first impression you make to a prospective employer, and it only takes 10 to 15 seconds to determine if you will be called for an interview.

Top Resume Strategies

Go beyond the standard resume.

Here are four strategies to make your resume unique:

Sell yourself - Identify what makes you different from other applicants.

Identify your transferable skills - These skills are major selling points that set you apart.

Highlight your accomplishments - Listing accomplishments give you credibility.

Use keywords effectively - Specific words used in your resume are critical to communicate your value to an organization.

Why have a GREAT Resume?

- Grab the attention of employers and recruiters.
- Sell your strongest skills and accomplishments.
- Show why you are a potential match for a position or project.
- Communicate your current capabilities and future potential.
- It helps you take the next step in your career.
- It gets you the interview!

John Smith

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Types of resumes

Functional

This type groups your work experience and skills by skill area or job function. This type is good to use to minimize gaps in employment history, while showcasing the work experience that is most important to your career objective. A functional resume works best for first-time job seekers or those changing careers.

Chronological

The most common type of resume, it illustrates progress you have made toward your career objective through employment history. Your most recent work and educational experiences are listed first, followed by the next most recent experience. It is best to use this type of resume if you have demonstrated experience within your desired career field.

Combination

A combination of the chronological and functional resumes, this type presents the knowledge, skills, and abilities gained from work in reverse chronological order. This format is best if you have a varied employment history or wish to include volunteer or internship experience.

Quick Tips

- Keep the resume to one or two pages, no more.
- Always include a cover letter with your resume. Tell the employer what makes you better suited for the job than your competition and how your skills can help the company succeed.
- Proofread, and proofread again. Ask several people to proofread your resume and cover letter. Did you proofread?
- Do not include personal information such as age, gender, marital status, race, height and weight.
- Use a professional e-mail; seniorsrule@yahoo.com won't cut it. If needed, create a new account just for this purpose.
- No fancy fonts. Use a easy-to-read font such as Arial, Helvetica, or Georgia in 10 or 12 points, and don't use scripts or underlining. Use **bold** or *italics* if you need to highlight important items.
- Use a good quality, heavy bond paper in white or off-white with matching 9" x 12" envelopes. Do not fold your resume and cover letter when mailing by snail mail.
- Have a list of references ready, but make sure you have permission to use them.

For more information and examples, go to www.careeronestop.org and click on "Resume Guide"

get the job

The Interview

Your resume has caught the attention of a perspective employer, and you have an interview. What's the next step? Here are a few tips to help you ace the interview.



Wear the Right Outfit.

Check with the HR department for the company's dress code. Wear clean, pressed, conservative clothes in neutral colors. Avoid excessive make-up and jewelry.

Be Well Groomed.

Have nails and hair neat, clean, and trimmed. Don't overdo your favorite perfume or cologne.

Be On Time.

Know where you are going, allowing time for traffic and parking. Show up 10 to 15 minutes early; arriving late to the interview says a great deal about you. Keep your cell phone charged and have the interviewer's number handy in case circumstances are beyond your control, but turn it off before the interview.

Be Professional.

Know the name, title, and the pronunciation of the interviewer's name. Give a firm handshake and maintain good eye contact. Don't talk too much about your personal life and don't bad-mouth former employers.

Send a Thank You Note.

Here's your chance to make a final impression on the interviewer. You may find it is much appreciated and remembered.

Questions?

Don't just let the interviewer ask all the questions. In fact, they expect you to ask some! Have questions prepared to learn more about the position and the company, such as:

- How soon are you looking to fill this position?
- What is the typical career path for this job?
- What are some of the biggest challenges facing this position, this department, or this organization?
- What is an average day on this job like?
- How would you describe the ideal candidate?
- What kind of training and/or professional development programs do you have?

Arkansas' Hot 45 2016-2017 Demand Occupations

SOC Code	SOC Title	Total Annual Openings	May 2015 Mean Wage
High Skill			
29-1141	Registered Nurses	741	\$56,870
11-1021	General and Operations Managers	712	\$84,920
13-2011	Accountants and Auditors	333	\$62,430
21-2011	Clergy	328	\$44,530
25-2021	Elementary School Teachers, Except Special Education	283	\$45,120
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	256	\$48,600
25-2022	Middle School Teachers, Except Special and Career/Technical Education	158	\$47,440
11-2022	Sales Managers	153	\$114,090
23-1011	Lawyers	128	\$100,320
13-1111	Management Analysts	123	\$58,040
15-1121	Computer Systems Analysts	122	\$68,680
15-1131	Computer Programmers	122	\$70,310
13-1161	Market Research Analysts and Marketing Specialists	107	\$63,240
11-9111	Medical and Health Services Managers	106	\$81,250
15-1132	Software Developers, Applications	102	\$81,710
Moderate Skill			
53-3032	Heavy and Tractor-Trailer Truck Drivers	1,044	\$38,870
31-1014	Nursing Assistants	430	\$22,070
29-2061	Licensed Practical and Licensed Vocational Nurses	368	\$36,370
25-9041	Teacher Assistants	258	\$19,140
49-3023	Automotive Service Technicians and Mechanics	220	\$34,080
43-3031	Bookkeeping, Accounting, and Auditing Clerks	136	\$34,010
31-9092	Medical Assistants	114	\$28,750
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	114	\$36,650
33-2011	Firefighters	104	\$33,440
39-5012	Hairdressers, Hairstylists, and Cosmetologists	94	\$24,740
15-1151	Computer User Support Specialists	89	\$39,960
31-9091	Dental Assistants	80	\$32,520
29-2041	Emergency Medical Technicians and Paramedics	76	\$29,230
29-2071	Medical Records and Health Information Technicians	54	\$33,610
49-2011	Computer, Automated Teller, and Office Machine Repairers	46	\$33,510
Basic Skill			
41-2031	Retail Salespersons	2,495	\$24,380
41-2011	Cashiers	1,994	\$18,700
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,560	\$17,940
11-9013	Farmers, Ranchers, and Other Agricultural Managers	1,555	\$88,090
35-3031	Waiters and Waitresses	1,293	\$18,480
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,184	\$23,800
43-9061	Office Clerks, General	1,093	\$24,760
43-4051	Customer Service Representatives	848	\$30,570
43-5081	Stock Clerks and Order Fillers	802	\$23,040
41-1011	First-Line Supervisors of Retail Sales Workers	686	\$33,690
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	662	\$21,370
39-9021	Personal Care Aides	600	\$18,850
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	572	\$58,870
39-9011	Childcare Workers	564	\$18,740
35-2014	Cooks, Restaurant	499	\$21,470

Skills to Pay the Bills

They say everyone is good at something. But nowadays certain skills will put you on the fast track to a great job. Here's a quick rundown of the Top 10.



Speaking

Talking to others to convey information effectively.

Active Listening

Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.

Reading Comprehension

Understanding written sentences and paragraphs in work related documents.

Social Perceptiveness

Being aware of others' reactions and understanding why they react as they do.

Critical Thinking

Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.

Service Orientation

Actively looking for ways to help people.

Management of Personnel Resources

Motivating, developing, and directing people as they work, identifying the best people for the job.

Writing

Communicating effectively in writing as appropriate for the needs of the audience.

Instructing

Teaching others how to do something.

Monitoring

Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action.

Top 10 Occupations by Education Level

Different occupations need different types of training. Some require only on-the-job training, while others require an advanced degree. The jobs listed below are projected to be the top growing occupations by education level through 2017.

Based on State of Arkansas' 2015-2017 Short-term Occupational Projections Net Growth



High School or Less

- Retail Salespersons
- Farmers, Ranchers, and Other Agricultural Managers
- Combined Food Preparation and Serving Workers, Including Fast Food
- Personal Care Aides
- Laborers and Freight, Stock, and Material Movers, Hand
- Customer Service Representatives
- Office Clerks, General
- Cashiers
- Janitors and Cleaners, Except Maids and Housekeeping Cleaners
- First-Line Supervisors of Retail Sales Workers



Associate Degree or Post Secondary Training

- Heavy and Tractor-Trailer Truck Drivers
- Automotive Service Technicians and Mechanics
- Heating, Air Conditioning, and Refrigeration Mechanics and Installers
- Medical Assistants
- Teacher Assistants
- Nursing Assistants
- Computer User Support Specialists
- Licensed Practical and Licensed Vocational Nurses
- Emergency Medical Technicians and Paramedics
- Physical Therapist Assistants



Bachelor's Degree or Higher

- General and Operations Managers
- Registered Nurses
- Business Operations Specialists, All Other
- Clergy
- Accountants and Auditors
- Managers, All Other
- Computer Systems Analysts
- Wholesale and Retail Buyers, Except Farm Products
- Market Research Analysts and Marketing Specialists
- Sales Managers



Law, Public Safety, Corrections & Security

The planning, managing, and providing of legal, public safety, protective services and homeland security, including professional and technical support services.

Careers in Law, Public Safety, Corrections & Safety are vital for security and protection of our citizens at the local, state, and federal levels. If you have a calling to serve and protect citizens in your community, a career in Law, Public Safety, Corrections & Safety might be for you.

Jobs in this Career Cluster include police protection, crime prevention, emergency medical technician, fire protection, operation of correctional facilities, and coordinating response to natural and man-made disasters among others.

Police officers and other law enforcement workers protect lives and property of the public while helping to maintain order by enforcing laws and ordinances. Firefighters and emergency services workers respond to and help citizens in times of emergencies. Workers in legal services argue cases in a court of law, research legal documentation, and preside over legal hearings. Correctional workers guard inmates in a prison system in accordance with established regulations and procedures.

With a career in this cluster, you must be able to be an active listener, be able to think critically while making decisions and solving problems. You should be able to speak to others clearly to convey

information effectively and work with a group or a team.

Education for this Career Cluster can begin in high school by following the Law, Public Safety, Corrections & Safety program of study. You can continue your education for these careers after high school by pursuing certification with a postsecondary non-degree award, or full-time academic study at a college or university earning either an associates degree, bachelor's degree, or a professional degree.

Over 36,000 Arkansas residents are expected to be employed in occupations in this Career Cluster by 2022, an increase of more than 10 percent. Many of the occupations earn above Arkansas' 2015 mean annual wage of \$38,540, with the highest-paying occupations being Detective and Criminal Investigators at \$56,590 and Lawyers at \$100,320.

Occupational titles include: Lawyers, Paralegals and Legal Assistants, Court Reporters, Firefighters, Bailiffs, Police and Sheriff Patrol Officers, Animal Control Workers, and Transportation Security Screeners.

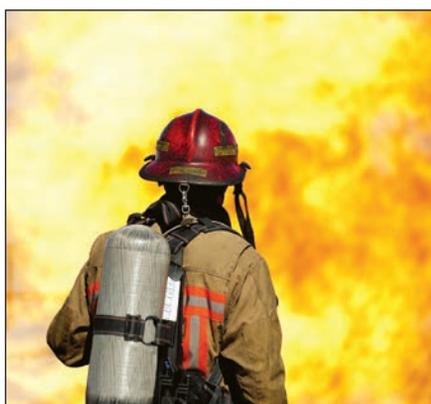
Remember, any postsecondary education or training you pursue after high school will help you earn more money over your lifetime.

What are some of the Law, Public Safety, Corrections & Security Degree Programs?

Almost every university, college, and technical school in Arkansas offers training and education for a career in Law, Public Safety, Corrections & Security. Here are just a few of the programs:



Community Corrections
Crime Prevention & Corrections
Crime Scene Investigation
Criminal Corrections Specialist
Criminal Investigation Science
Criminal Justice
Criminal Justice Technology
Criminal Law
Disaster Preparedness & Emergency Management
Fire & Emergency Response
Fire Science
Fire Science Administration & Technology
Fire Science Management
Forensic Science
Healthcare Emergency Management
Homeland Security & Emergency Management
Justice Studies
Law
Law Enforcement
Law Enforcement Administration
Legal Secretarial
Paralegal
Paralegal Technology
Wildlife Enforcement



I can be a...

These are just a few of the occupations in Law, Public Safety, Corrections & Security. To learn about other occupations, go to <http://online.onetcenter.org/find/> and browse by Career Cluster for more occupations.



21-1021 - Child, Family, and School Social Workers

Provide social services and assistance to improve the social and psychological functioning of children and their families and to maximize the family well-being and the academic functioning of children.

Sample of reported job titles: Case Manager, Case Worker, Caseworker, Child Protective Services Social Worker (CPS Social Worker), Family Protection Specialist, Family Service Worker, Foster Care Social Worker, School Social Worker, Social Worker, Youth Services Specialist

Earnings (Mean): \$35,230 annual

Estimated workers employed: 1,421

Education: Bachelor's Degree



29-2041 - Emergency Medical Technicians and Paramedics

Assess injuries, administer emergency medical care, and extricate trapped individuals. Transport injured or sick persons to medical facilities.

Sample of reported job titles: Emergency Medical Technician (EMT); Emergency Medical Technician, Basic (EMT, B); Emergency Medical Technician/Driver (EMT/DRIVER); EMT Intermediate (Emergency Medical Technician, Intermediate); EMT, Paramedic (Emergency Medical Technician, Paramedic); EMT/Dispatcher (Emergency Medical Technician/Dispatcher); First Responder; Flight Paramedic; Multi Care Technician (Multi Care Tech); Paramedic

Earnings (Mean): \$29,230 annual

Estimated workers employed: 2,195

Education: Postsecondary Non-degree Award



47-4041 - Hazardous Materials Removal Workers

Identify, remove, pack, transport, or dispose of hazardous materials, including asbestos, lead-based paint, waste oil, fuel, transmission fluid, radioactive materials, or contaminated soil.

Sample of reported job titles: Abatement Worker, Asbestos Abatement Worker, Asbestos Hazard Abatement Worker, Asbestos Remover, Asbestos Worker, Decontamination / Decommissioning Operator (D & D Operator), Field Technician, Hazmat Technician (Hazardous Materials Technician), Site Worker, Waste Handling Technician

Earnings (Mean): \$28,010 annual

Estimated workers employed: 186

Education: High School



23-2011 - Paralegals and Legal Assistants

Assist lawyers by investigating facts, preparing legal documents, or researching legal precedent. Conduct research to support a legal proceeding, to formulate a defense, or to initiate legal action.

Sample of reported job titles: Certified Paralegal, Immigration Paralegal, Law Clerk, Legal Analyst, Legal Assistant, Legal Clerk, Paralegal, Paralegal Specialist, Real Estate Paralegal, Summer Law Associate

Earnings (Mean): \$39,220 annual

Estimated workers employed: 1,382

Education: Associate Degree



19-4092 - Forensic Science Technicians

Collect, identify, classify, and analyze physical evidence related to criminal investigations. Perform tests on weapons or substances, such as fiber, hair, and tissue to determine significance to investigation.

Sample of reported job titles: Crime Laboratory Analyst, Crime Scene Analyst, Crime Scene Technician (Crime Scene Tech), CSI (Crime Scene Investigator), Evidence Technician, Forensic Science Examiner, Forensic Scientist, Forensic Specialist, Latent Fingerprint Examiner, Latent Print Examiner

Earnings (Mean): \$40,740 annual

Estimated workers employed: 151

Education: Bachelor's Degree

Career Clusters



Career Clusters contain occupations in the same field of work that require similar skills. Students, parents, and educators can use Career Clusters to help focus education plans toward obtaining the necessary knowledge, competencies, and training for success in a particular career pathway.

Science, Technology, Engineering & Mathematics

health science

Marketing, Sales & Service

law, public safety, corrections & security

BUSINESS MANAGEMENT & ADMINISTRATION

FINANCE *manufacturing*

Information Technology *human services*

Hospitality and Tourism

Transportation, Distribution & Logistics

AGRICULTURE, FOOD & NATURAL RESOURCES

EDUCATION AND TRAINING

GOVERNMENT & PUBLIC ADMINISTRATION

arts, a-v technology & communications

ARCHITECTURE & CONSTRUCTION

Law, Public Safety, Corrections & Security Career Cluster

In high school, Career Clusters are designed to give you the guidance you need to be successful in a career.

Sixteen Career Clusters have been developed to help you explore your career opportunities. Within these Career Clusters are career pathways that are more specialized.

These pathways will help you explore more specific careers. Plus, many of the classes can earn you college credit if you successfully pass the course.

The Law, Public Safety, Corrections & Security Career Cluster prepares learners for the planning, managing, and

providing of legal, public safety, protective services and homeland security, including professional and technical support services.

The following pages include: a sample high school class schedule, Career Focus classes that are required for graduation, programs of study, plus work-based and extra curricular activities, and In Demand occupations — all to help you further your education.

Other Career Clusters are offered in Arkansas secondary schools. Talk with your career guidance counselor to see what career pathways are offered in your school.

Sample High School Schedule - Smart Core

9th Grade	10th Grade	11th Grade	12th Grade
English I or Pre-AP	English II or Pre-AP	English III or AP	English IV or AP
Algebra I or Geometry	Geometry or Algebra II	Algebra II or Trigonometry Pre-AP Calculus	AP Calculus College Algebra AP Statistics
Physical Science	Biology Pre-AP Chemistry Applied Biology/ Chemistry	Chemistry Physics Principles of Technology	AP Biology AP Chemistry AP Physics Earth & Space Science
Civics	World History	US History	Economics

Law, Public Safety, Corrections & Security Career Cluster

Pathway - Law Enforcement Services

Program of Study - Criminal Justice

Foundation Courses

Career Orientation
Computer Technology
Keyboarding

Graduation Requirements

English - 4 units
Math - 4 units
Science - 3 units
Social Studies - 3 units
Fine Arts - 1/2 unit
Health and Safety - 1/2 unit
Oral Communication - 1/2 unit
Physical Education - 1/2 unit
Career Focus - 6 units

Arkansas Challenge

Foreign Language - 2 units

Program of Study

Support Courses

Internship

Support Courses

Foreign Language
Word Processing or Computer Business Applications (CBA)

Extended Learning Opportunities

SkillsUSA
Job Shadowing

Criminal Justice

Core Courses

Introduction to Criminal Justice
Law Enforcement

Criminal Justice Electives

Law Enforcement II

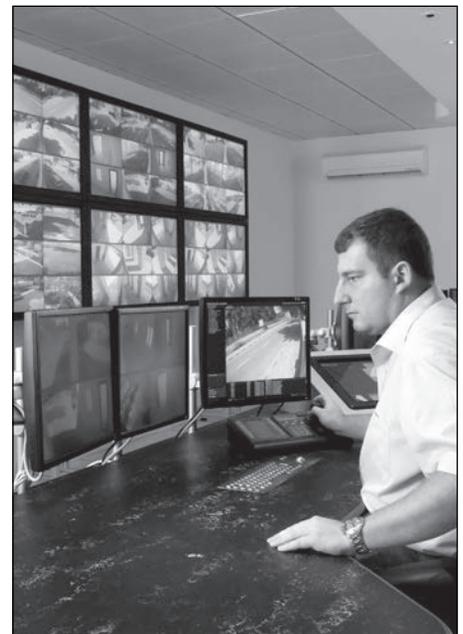
Criminal Justice

Industry Certifications

ALETA Certification

Related Programs of Study

Corrections



Law, Public Safety, Corrections & Security In Demand Occupations

These are occupations that are found in an industry cluster that are projected to add a significant number of new jobs to our state's economy, are existing or emerging occupations being transformed by technology and innovation, or are vital to the overall health of our economy.

Occupation Title	Education	Wage Hourly/Annual
Child, Family, and School Social Workers	B	\$16.94/\$35,230
Correctional Officers and Jailers	HS	\$15.92/\$33,100
Emergency Medical Technicians and Paramedics	PS	\$14.06/\$29,230
Firefighters	PS	\$16.08/\$33,440
First-Line Supervisors of Fire Fighting and Prevention Workers	PS	\$25.20/\$52,420
First-Line Supervisors of Police and Detectives	HS	\$25.26/\$52,530
Forest Fire Fighting and Prevention Supervisors	PS	\$25.20/\$52,530
Forest Firefighters	PS	\$16.08/\$33,440
Lawyers	D	\$48.23/\$100,320
Municipal Fire Fighting and Prevention Supervisors	PS	\$25.20/\$52,420
Municipal Firefighters	PS	\$16.08/\$33,440
Paralegals and Legal Assistants	A	\$18.86/\$39,220
Police Patrol Officers	HS	\$17.95/\$37,330
Police, Fire, and Ambulance Dispatchers	HS	\$12.94/\$26,920
Probation Officers and Correctional Treatment Specialists	B	\$18.06/\$37,560
Security Guards	HS	\$12.06/\$25,070
Sheriffs and Deputy Sheriffs	HS	\$17.95/\$37,330

Doctoral or professional degree (D) – Requires at least three years of full-time academic study beyond a bachelor's degree.

Master's degree (M) – Requires one or two years of full-time academic study beyond a bachelor's degree.

Bachelor's degree (B) – Requires four or five years of full-time academic study.

Associate degree (A) – Requires at least two years of full-time academic study.

Postsecondary non-degree award (PS) – Programs last a few weeks to more than a year; leads to a certificate or other award.

Some college, no degree (SC) – Requires the completion of a high school diploma or equivalent plus the completion of one or more postsecondary courses that did not result in a degree or award.

High School diploma or equivalent (HS) – Requires the completion of high school or an equivalent program resulting in the award of a high school diploma or an equivalent, such as a GED.

No Formal Education (NFE) – Signifies that a formal credential issued by an educational institution, such as a high school diploma or postsecondary certificate, is not typically needed for entry into the occupation.

How will I pay for College?

Financial Aid FAQs

If you are planning to attend college, you should do a little research first. Find out how much it will cost to go to college, what part of that cost you and your family will be expected to pay, and what types of financial aid are available. The following information is intended to get you started.

What is Financial Aid?

Financial aid is money awarded to a student to help pay educational costs. Most financial aid is awarded according to individual need and educational costs. The federal government, state government, postsecondary institutions, and private organizations provide financial aid to eligible students in the form of grants, scholarships, loans, and employment.

Grants and scholarships are awarded based on either financial need or merit and do not have to be paid back. Employment can be a job provided by the college and can be on or off campus. A loan is money provided by a bank, the college, or the government, which must be paid back with interest.

Private sources of financial aid come from social and civic organizations, religious organizations, and businesses.

How much does it cost to attend college?

Educational costs can differ significantly from one school to another, depending on the type of school and your program of study. In general, costs are lowest at a public vocational-technical school, higher at a public community or technical college, still higher at a public four-year college, and highest at a private college.

The total cost of attending school today may range from \$2,000 per year to more than \$30,000 per year. Financial Aid programs have been created to help you pay for these costs. Schools with higher costs often have more financial aid available than lower cost schools. Therefore, when comparing costs, it's very important to determine the financial aid available. This way you can determine what your out-of-pocket expenses will be.

But remember, cost is only one factor in selecting a school. Consider your goals, what programs



and opportunities each school offers, and how well that school will help you meet your goals.

What do educational costs include?

The total educational costs are called the Cost of Attendance (COA) and include (1) tuition and fees, (2) books and supplies, (3) room and board, (4) transportation, and (5) miscellaneous personal expenses, such as clothing, laundry, and recreation. Because the COA includes items that are living costs but are not paid directly to the school, the actual amount billed by the school will be less than the COA.

What is the family's responsibility?

The primary responsibility for financing a college education rests with the student and his family. The family is expected to pay for the cost of college to the extent that it is able. Financial assistance is designed to help with the difference between what the family can afford and the cost of attendance. The student shares in the family's responsibility to pay for college and is expected to contribute from his earnings and savings.

The amount the family is expected to pay toward the cost of college is called the Expected Family Contribution (EFC).

How is the family's expected contribution determined?

Colleges, government agencies and organizations that award financial aid based on financial need use a process called Needs Analysis to determine how much the family is expected to pay towards the cost of a college education. This process uses both the parent's and student's income and assets and other information about the family, such as the number in college, to calculate the Expected Family Contribution. During the needs

analysis calculations, certain allowances are applied to protect the family's income and assets for the cost of living and future retirement needs.

The needs analysis is performed by the U.S. Department of Education based on the information provided by the family on the Free Application for Federal Student Aid (FAFSA). This is the basic form required for most financial aid programs based on financial need. Any student who wishes to apply for financial assistance should complete and submit this application. The FAFSA application can be applied for online at www.fafsa.gov.

How is eligibility for financial aid determined?

Most financial aid is awarded based on financial need. The Cost of Attendance minus the Expected Family Contribution equals financial need. The

school you attend uses the EFC calculated during needs analysis and the school's cost of attendance to determine your eligibility for need-based financial aid. Some aid is merit based, meaning eligibility is based on performance or achievement, such as athletic scholarships or academic scholarships based on ACT scores, or GPA.

How much financial aid can I receive?

The total financial aid a student receives can include funds from more than one source or financial aid program. Normally, though, the total financial aid received will not exceed the financial need, or in some cases, the cost of attendance. For the best chance of getting the aid you need, apply as early as possible for each financial aid program for which you might be eligible.

Source: Arkansas Department of Higher Education



www.adhe.edu

www.asla.info

www.careeronestop.org

www.careerwatch.org

www.discover.arkansas.gov

www.fafsa.gov

www.fundmyfuture.info

www.going2college.org

www.guided.org/

www.knowhow2go.org

www.mappingyourfuture.org

www.nces.ed.gov/collegenavigator

Scholarships, Grants, and Federal Aid

Arkansas Scholarships and Grants

Academic Challenge Scholarship - Non-Traditional Students

The Academic Challenge Program provides scholarships to Arkansas residents pursuing a higher education. Funded in large part by the Arkansas Scholarship Lottery, the Academic Challenge Scholarship is available to students regardless of their academic status, whether just graduating from high school, currently enrolled in college, enrolling in college for the first time, or re-enrolling after a period of time out of college.

Scholarship Deadline to Apply: June 1

Requirements: 2.5 College GPA if student has earned 12 or more hours; OR 19 ACT; OR 2.5 high school GPA if an AR high school graduate.

Academic Challenge Scholarships - High School

The Academic Challenge Program provides scholarships to Arkansas residents pursuing a higher education. Funded in large part by the Arkansas Scholarship Lottery, the Academic Challenge Scholarship is available to students regardless of their academic status, whether just graduating from high school, currently enrolled in college, enrolling in college for the first time, or re-enrolling after a period of time out of college.

Scholarship Deadline to Apply: June 1

Requirements: Starting with the class of 2016, the only requirement is a 19 on the ACT or ACT equivalent score, FAFSA Required.

Governor's Distinguished Scholarship - High School

The Governor's Distinguished Scholarship is the most academically rigorous scholarship program offered for those graduating seniors scoring either 32 on the ACT or 1410 on the SAT, and a 3.50 academic grade point average. Those who are named National Merit Finalists or National Achievement Scholars may qualify without meeting the GPA requirement, but must still meet the ACT/SAT requirement. The scholarship pays tuition, mandatory fees, room and board up to \$10,000 per year.

Scholarship Deadline to Apply: February 1

Requirements: At least a 32 ACT (1410 SAT) and a 3.5 GPA to apply. FAFSA not required.

Award Amount: \$10,000 per year.

Higher Education Opportunities Grant (GO! Grant) - High School - Non-Traditional Students

Provides \$1000 grants to full-time and \$500 grants to part-time students based on financial need. Student must be an Arkansas resident for at least 12 months prior to applying for the grant. Student also must meet the financial need criteria established for the GO! Grant and attend an approved Arkansas institution. Applicants complete the Free Application for Federal Student Aid (FAFSA) and the GO! Opportunities Grant application.

Scholarship Deadline to Apply: June 1

Requirements: Must meet income requirements, FAFSA required.

Award Amount: Up to \$500 per semester

Law Enforcement Officers' Dependents Scholarship (LEO) - Other

LEO provides a waiver of tuition, fees, and room at any public college, university, or technical institute in Arkansas for dependents and spouses of Arkansas law enforcement officers, some Highway and Transportation Department employees, and other public employees, who were killed or permanently disabled in the line of duty.

Scholarship Deadline to Apply: June 1

Military Dependents Scholarship (MDS) - Other

MDS provides a waiver of tuition, fees, room and board at any public college, university, or technical institute in Arkansas for dependents and spouses of Arkansans who were killed or missing in action or who were prisoners of war or who are totally and permanently disabled.

Scholarship Deadline to Apply: June 1

Second Effort Scholarship - Other

Up to \$1000 annually to the individuals with the top 10 scores on the GED exam during the previous calendar year.

Scholarship Deadline to Apply: June 1

Single Parent Scholarship - Other

Single Parent Scholarships (SPSF) are given to low-income single parents who are pursuing post-secondary education in preparation for skilled employment. Scholarship Funds are administered by affiliate organizations and volunteers in each county of Arkansas. Eligibility criteria and application requirements vary by county. To apply for a scholarship or to get involved, contact the affiliate SPSF serving the county you live in.

Workforce Improvement Grant (WIG) - Non-Traditional Students

WIG awards up to \$2000 annually to students at least 24 years old based on financial need. Students apply using the Free Application for Federal Student Aid and awards are made by the institution the student attends. Students may be enrolled part time.

Requirements: Must meet income requirements, be at least 24 years old, FAFSA required.

Award Amount: Up to \$2000 annually.

Disclaimer: The laws, rules, regulations, award amounts, amount of awardees, eligibility criteria, funding per program, etc. are subject to change at any point prior to, during or after application through the YOUniversal application. These changes will be based on changes in law or funding provided by the Arkansas General Assembly. It is understood that ADHE is not at fault for any changes that occur to any financial aid program. In addition, awards for all ADHE programs are limited by the availability of funds.

YOUuniversal

ARKANSAS FINANCIAL AID SYSTEM

COLLEGE for YOU



Arkansas residents seeking education beyond high school will now find the scholarship application process more user-friendly than ever before, thanks to the YOUuniversal Scholarship Application. By answering a few simple questions about age, grade-point average, ACT or SAT scores, and income level, applicants will be matched with the financial aid programs they may qualify for, along with an estimated amount of financial aid they might expect in an academic year.

Log on to **scholarships.adhe.edu** to fill out your application. Residents still have to fill out the Free Application for Federal Student Aid form to determine eligibility for Federal financial aid. Go to **www.fafsa.gov** to fill out your form.

Applicants can begin applying for Federal Student Aid after January 1, 2017, for the 2017-2018 school year.

Federal Grants and Financial Aid

Source: <http://studentaid.ed.gov>

Source: Arkansas Department of Higher Education

Parent Loan for Undergraduate Students (PLUS Loan) –

Parents can borrow a PLUS Loan to help pay your education expenses if you are a dependent undergraduate student enrolled at least half time in an eligible program at an eligible school. PLUS Loans are available through the Federal Family Education Loan (FFEL) Program and the Direct Loan Program. Your parents can get either loan, but not both, for you during the same enrollment period. They also must have an acceptable credit history. For a Direct PLUS Loan, your parents must complete a Direct PLUS Loan application and promissory note contained in a single form that you get from your school's financial aid office. For a FFEL PLUS Loan, your parents must complete and submit a PLUS Loan application available from your school, lender, or your state guaranty agency. After the school completes its portion of the application, it must be sent to a lender for evaluation. Parents must agree to repay the loan within 10 years, beginning 60 days after the funds are fully disbursed.

Pell Grant – A Federal Pell Grant, unlike a loan, does not have to be repaid. Pell Grants are awarded usually only to undergraduate students who have not earned a bachelor's or a professional degree. (In some cases, however, a student enrolled in a post-baccalaureate teacher certification program might receive a Pell Grant.) Pell Grants are considered a foundation of federal financial aid,

to which aid from other federal and nonfederal sources might be added.

Perkins Loan – A Federal Perkins Loan is a low-interest loan for both undergraduate and graduate students with exceptional financial need. Federal Perkins Loans are made through a school's financial aid office. Your school is your lender, and the loan is made with government funds. You must repay this loan to your school.

Stafford Loan – You must fill out a FAFSA. After your FAFSA is processed, your school will review the results and will inform you about your loan eligibility. You also will have to sign a promissory note, a binding legal document that lists the conditions under which you're borrowing and the terms under which you agree to repay your loan.

Supplemental Educational Opportunity Grant – Federal Supplemental Educational Opportunity Grants (FSEOG) are for undergraduates with exceptional financial need. Pell Grant recipients with the lowest EFCs will be the first to get FSEOGs. Just like Pell Grants, FSEOGs don't have to be paid back.

Work-Study – Federal Work-Study (FWS) provides part-time jobs for undergraduate and graduate students with financial need, allowing them to earn money to help pay education expenses. The program encourages community service work and work related to the recipient's course of study.

Arkansas Colleges & Universities

Full-time annualized tuition for public institutions is based on Arkansas Department of Higher Education estimates of 15 credit hours, plus mandatory fees per semester, for the 2015-2016 school year.

Full-time annual tuition for private institutions is based on figures from the institution's website or financial aid office. Some private institutions have set rates for each program offered.

Check with the institution for actual tuition and fees.



4-year Public

Arkansas State University

www.astate.edu

870-972-2100

PO Box 600

State University, AR 72467

Enrollment: 13,144

Tuition: \$8,050

Admissions: 870-972-2031

admissions@astate.edu

Financial Aid: 870-972-2310

Housing: 870-972-2042

reslife@astate.edu

Other Locations: Paragould

Arkansas Tech University

www.atu.edu

844-804-2628

215 West O Street

Russellville, AR 72801

Enrollment: 12,002

Tuition: \$7,740

Admissions: 800-582-6953

tech.enroll@

Financial Aid: 479-968-0399

fa.help@atu.edu

Housing: 479-968-0376

housing@atu.edu

Other Locations: Ozark

Henderson State University

www.hsu.edu

800-228-7333

870-230-5000

1100 Henderson Street

Arkadelphia, AR 71999

Enrollment: 3,625

Tuition: \$7,809

Admissions: 870-230-5000

admissions@hsu.edu

Financial Aid: 870-230-5028

Housing: 870-230-5000

reslife@hsu.edu

Southern Arkansas University

web.saumag.edu

870-235-4000

100 E. University

Magnolia, AR 71753

Enrollment: 3,546

Tuition: \$7,896

Admissions: 800-332-7286

870-235-4040

muleriders@saumag.edu

Financial Aid: 870-235-4023

Housing: 870-235-4047

housing@saumag.edu

University of Arkansas at Fayetteville

www.uark.edu

479-575-2000

1 University of Arkansas

Fayetteville, AR 72701

Enrollment: 26,237

Tuition: \$8,521

Admissions: 479-575-5346

800-377-8632

uofa@uark.edu

Financial Aid: 479-575-3806

finaid@uark.edu

Housing: 479-575-3951

housing@uark.edu

University of Arkansas at Fort Smith

www.uafs.edu

479-788-7000

5210 Grand Avenue

Fort Smith, AR 72913

Enrollment: 6,823

Tuition: \$6,322

Admissions: 479-788-7134

admissions@uafs.edu

Financial Aid: 479-788-7090

finaid@uafs.edu

Housing: 479-788-7340

housing@uafs.edu

Arkansas Colleges & Universities

University of Arkansas at Little Rock

www.ualr.edu
501-569-3000
2801 S. University Ave.
Little Rock, AR 72204
Enrollment: 11,645
Tuition: \$8,165
Admissions: 501-569-3127
admissions@ualr.edu
Financial Aid: 501-569-3035
financialaid@ualr.edu
Housing: 501-661-1743
housing@ualr.edu
Other Locations: Benton

University of Arkansas at Monticello

www.uamont.edu
800-844-1826
870-460-1026
346 University Drive
Monticello, AR 71656
Enrollment: 3,854
Tuition: \$6,447
Admissions: 870-460-1026
800-226-2643
Financial Aid: 870-460-1050
Housing: 870-460-1045
Other Locations: Crossett, McGehee

University of Arkansas at Pine Bluff

www.uapb.edu
870-575-8000
1200 North University Drive
Pine Bluff, AR 71601
Enrollment: 2,513
Tuition: \$6,271
Admissions: 870-575-8492
Financial Aid: 870-575-8302
finaid@uapb.edu
Housing: 870-575-7256
Other Locations: Gould, Marianna, North Little Rock

University of Arkansas for Medical Sciences

www.uams.edu
501-686-7000
4301 West Markham
Little Rock, AR 72205
Enrollment: 2,890
Tuition: Varies
Admissions: 501-686-7000
Financial Aid: 501-686-5451
Housing: 501-686-5850
Other Locations: Teaching Centers across the state

University of Central Arkansas

www.uca.edu
501-450-5000
201 Donaghey Ave.
Conway, AR 72035
Enrollment: 11,698
Tuition: \$7,889
Admissions: 501-450-3128
Financial Aid: 501-450-3140
Housing: 501-450-3132
housing@uca.edu

2-year Public

Arkansas Northeastern College

www.anc.edu
870-762-1020
2501 South Division St.
Blytheville, AR 72315
Enrollment: 1,425
Tuition: \$2,600
Admissions: 870-838-2955
Financial Aid: 870-762-1020 ext. 1160
Other Locations: Burdette, Leachville, Osceola, Paragould

Arkansas State University at Beebe

www.asub.edu
800-632-9985
1000 Iowa St.
PO Box 1000
Beebe, AR 72012
Enrollment: 4,140
Tuition: \$3,420
Admissions: 501-882-8860
Financial Aid: 501-882-8845
finaid@asub.edu
Housing: 501-882-4491
Other Locations: Heber Springs, Little Rock Air Force Base, Searcy

Arkansas State University at Mountain Home

www.asumh.edu
870-508-6100
1600 South College St.
Mountain Home, AR 72653
Enrollment: 1,393
Tuition: \$3,420
Admissions: 870-508-6104
admissions@asumh.edu
Financial Aid: 870-508-6195

Arkansas State University at Newport

www.asun.edu
870-512-7800
7648 Victory Blvd.
Newport, AR 72112
Enrollment: 2,476
Tuition: \$3,270
Admissions: 870-512-7800
Financial Aid: 870-512-7835
Other Locations: Jonesboro, Marked Tree

Arkansas State University Mid-South

www.asumidsouth.edu
866-733-6722
2000 W. Broadway
West Memphis, AR 72301
Enrollment: 1,895
Tuition: \$3,790
Admissions: 870-733-6728
admissions@midsouthcc.edu
Financial Aid: 870-733-6714
finaid@midsouthcc.edu

Arkansas Colleges & Universities

Arkansas Tech University-Ozark

www.atu.edu/ozark

866-225-2884

1700 Helberg Lane

Ozark, AR 72949

Tuition: \$4,590

Admissions: 866-225-2884

Financial Aid: 479-667-2117

Black River Technical College

www.blackrivertech.org

870-248-4000

1410 Highway 304 East

Pocahontas, AR 72455

Enrollment: 1,966

Tuition: \$3,240

Admissions: 870-248-4000

Financial Aid: 870-248-4000

Other Locations: Paragould

College of the Ouachitas

www.coto.edu

800-337-5000

One College Circle

Malvern, AR 72104

Enrollment: 1,444

Tuition: \$3,620

Admissions: 501-337-5000

Financial Aid: 501-337-5000

financialaid@coto.edu

Cossatot Community College of the University of Arkansas

www.cccua.edu

800-844-4471

183 College Drive

De Queen, AR 71832

Enrollment: 1,578

Tuition: \$3,030

Admissions: 800-844-4471

Financial Aid: 800-844-4471

Other Locations: Ashdown, Dierks,

Foreman, Murfreesboro, Nashville

East Arkansas Community College

www.eacc.edu

870-633-4480

1700 Newcastle Road

Forrest City, AR 72335

Enrollment: 1,270

Tuition: \$3,090

Admissions: 870-633-4480

Financial Aid: 870-633-4480

Other Locations: Wynne

National Park College

www.np.edu

501-760-4222

101 College Drive

Hot Springs National Park, AR 71913

Enrollment: 3,001

Tuition: \$3,460

Admissions: 501-760-4363

Financial Aid: 501-760-4237

North Arkansas College

www.northark.edu

870-743-3000

1515 Pioneer Drive

Harrison, AR 72601

Enrollment: 1,976

Tuition: \$3,270

Admissions: 870-391-3505

admissions@northark.edu

Financial Aid: 870-391-3266

financial-aid@northark.edu

Other Locations: Berryville

Northwest Arkansas Community College

www.nwacc.edu

479-636-9222

800-955-6922

One College Drive

Bentonville, AR 72712

Enrollment: 8,098

Tuition: \$4,633

Admissions: 479-619-4324

admissions@nwacc.edu

Financial Aid: 479-619-4329

finaid@nwacc.edu

Other Locations: Farmington,

Fayetteville, Springdale

Ozarka College

www.ozarka.edu

800-821-4335

870-368-2300

218 College Drive

Melbourne, AR 72556

Enrollment: 1,318

Tuition: \$3,445

Admissions: 800-821-4335 Ext. 2013

870-368-2013

admissions@ozarka.edu

Financial Aid: 870-368-2009

finaid@ozarka.edu

Other Locations: Ash Flat,

Mammoth Spring, Mountain View

Phillips Community College of the University of Arkansas

www.pccua.edu

870-338-6474

1000 Campus Drive

Helena-West Helena, AR 72342

Enrollment: 1,797

Tuition: \$2,968

Admissions: 870-338-6474 ext. 1336

Financial Aid: 870-338-6474 ext.

1258

Other Locations: Dewitt, Stuttgart

Pulaski Technical College

www.pulaskitech.edu

501-812-2200

3000 West Scenic Drive

North Little Rock, AR 72118

Enrollment: 9,236

Tuition: \$4,650

Admissions: 501-812-2231

admissions@pulaskitech.edu

Financial Aid: 501-812-2289

FinAid@pulaskitech.edu

Other Locations: Benton, Bauxite,

Little Rock

Arkansas Colleges & Universities

Rich Mountain Community College

www.rmcc.edu
479-394-7622
1100 College Drive
Mena, AR 71953
Enrollment: 1,005
Tuition: \$3,480
Admissions: 479-394-7622 ext. 1400
Financial Aid: 479-394-7622 ext. 1421
Other Locations: Montgomery County, Waldron

South Arkansas Community College

www.southark.edu
800-955-2289
870-862-8131
300 South West Avenue
El Dorado, AR 71730
Enrollment: 1,693
Tuition: \$3,380
Admissions: 870-864-7195
admissions@southark.edu
Financial Aid: 870-864-7133

Southeast Arkansas College

www.seark.edu
888-732-7582
870-543-5900
1900 Hazel Street
Pine Bluff, AR 71603
Enrollment: 1,432
Tuition: \$3,070
Admissions: 870-850-8605
admission@seark.edu
Financial Aid: 870-543-5909
FinAid@seark.edu
Other Locations: White Hall

Southern Arkansas University-Tech

www.sautech.edu
870-574-4500
6415 Spellman Rd.
Camden, AR 71711
Enrollment: 1,559
Tuition: \$4,140
Admissions: 870-574-4558
Financial Aid: 870-574-4511
870-574-4519
Other Locations: Fordyce, Magnolia, Texarkana

University of Arkansas at Monticello College of Technology Crossett

www.uamont.edu
800-323-3384
1326 Highway 52 W
Crossett, AR 71635
Tuition: \$2,868
Admissions: 870-460-1026
Financial Aid: 870-460-1050

University of Arkansas at Monticello College of Technology McGehee

www.uamont.edu
870-222-5360
1609 East Ash Street
McGehee, AR 71654
Tuition: \$2,868
Admissions: 870-222-5360
Financial Aid: 870-460-1050

University of Arkansas Community College at Batesville

www.uacccb.edu
800-508-7878
PO Box 3350
Batesville, AR 72503
Enrollment: 1,317
Tuition: \$3,195
Admissions: 870-460-1026
Financial Aid: 870-612-2036

University of Arkansas Community College at Morrilton

www.uaccm.edu
800-264-1094
1537 University Blvd.
Morrilton, AR 72110
Enrollment: 1,995
Tuition: \$3,785
Admissions: 501-977-2053
adm@uaccm.edu
Financial Aid: 501-977-2055

University of Arkansas Hope-Texarkana

www.uacch.edu
870-777-5722
2500 South Main
Hope, AR 71802
Enrollment: 1,360
Tuition: \$2,650
Admissions: 870-777-5722
Financial Aid: 870-722-8265

Private

Arkansas Baptist College

arkansasbaptist.edu
501-420-1200
1621 Dr. Martin Luther King Jr. Drive
Little Rock, AR 72202
Enrollment: 855
Tuition: \$9,240
Admissions: 501-420-1233
Financial Aid: 501-420-1225
Housing: 501-420-1267

Central Baptist College

cbc.edu
501-329-6872
1501 College Avenue
Conway, AR 72034
Enrollment: 856
Tuition: \$11,820
Admissions: 501-205-8839
Financial Aid: 501-205-8911
financialaid@cbc.edu
Housing: 501-205-8872
Other Locations: Camp Robinson, Hot Springs

Crowley's Ridge College

www.crc.edu
800-264-1096
870-264-1096
100 College Drive
Paragould, AR 72450
Enrollment: 184
Tuition: \$11,800
Admissions: 870-236-6901
info@crc.edu
Financial Aid: 870-236-6901
Housing: 870-236-6901

Arkansas Colleges & Universities

Harding University

www.harding.edu
501-279-4000
915 E. Market Ave.
Searcy, AR 72149
Enrollment: 6,058
Tuition: \$24,433
Admissions: 800-477-4407
501-279-4407
admissions@harding.edu
Financial Aid: 501-279-4251
finaid@harding.edu
Housing: 800-879-4256
501-279-4256
housing@harding.edu
Other Locations: Rogers, North Little Rock

Hendrix College

www.hendrix.edu
800-277-9017
501-329-6811
1600 Washington Ave
Conway, AR 72032
Enrollment: 1,354
Tuition: \$42,440
Admissions: 501-450-1362
adm@hendrix.edu
Financial Aid: 501-450-1368
student_aid@hendrix.edu
Housing: 501-450-1416
housing@hendrix.edu

John Brown University

jbu.edu
479-524-9500
2000 West University Street
Siloam Springs, AR 72761
Enrollment: 2,850
Tuition: \$25,324
Admissions: 877-528-4636
jbuinfo@jbu.edu
Financial Aid: 479-524-7102
finaid@jbu.edu
Housing: 479-524-7252
Other Locations: Fort Smith, Little Rock, Rogers

Lyon College

www.lyon.edu
870-307-7000
2300 Highland Road
Batesville, AR 72501
Enrollment: 713
Tuition: \$33,390
Admissions: 800-423-2542
870-307-7001
admissions@lyon.edu
Financial Aid: 870-307-7250
Housing: 870-307-7375

Ouachita Baptist University

obu.edu
800-342-5628
410 Ouachita St.
Arkadelphia, AR 71998
Enrollment: 1,501
Tuition: \$24,940
Admissions: 800-342-5628
Financial Aid: 870-245-5570
obustudentfinancialservices@obu.edu
Housing: 870-245-5220

Philander Smith College

philander.edu
800-446-6772
900 West Daisy Bates Drive
Little Rock, AR 72202
Enrollment: 567
Tuition: \$12,564
Admissions: 501-370-5221
Financial Aid: 501-370-5350
financialaid@philander.edu
Housing: 501-370-6060

Shorter College

www.shortercollege.edu
501-374-6305
604 Locust Street
North Little Rock, AR 72114
Enrollment: 406
Tuition: \$6,000
Admissions: 501-374-6305 ext. 134
admissions@shortercollege.edu
Financial Aid: 501-374-6305 ext. 111

University of the Ozarks

www.ozarks.edu/
800-264-8636
415 N. College Avenue
Clarksville, AR 72830
Enrollment: 587
Tuition: \$23,750
Admissions: 800-264-8636
admiss@ozarks.edu
Financial Aid: 800-264-8636
Housing: 800-264-8636
studentlife@ozarks.edu

Williams Baptist College

wbcoll.edu
870-886-6741
60 W Fulbright Avenue
Walnut Ridge, AR 72476
Enrollment: 530
Tuition: \$17,320
Admissions: 870-759-4120
admissions@wbcoll.edu
Financial Aid: 870-759-4112
financialaid@wbcoll.edu
Housing: 870-759-4120
800-722-4434

Technical

Crowley's Ridge Technical Institute

www.crti.tec.ar.us
870-633-5411
1620 Newcastle Road
Forrest City, AR 72335
Tuition: Varies
Admissions: 870-633-5411
Financial Aid: 800-842-2317

Northwest Technical Institute

www.nwti.edu
870-633-5411
709 South Old Missouri Road
Springdale, AR 72765
Tuition: Varies
Admissions: 479-751-8824
info@nwti.edu
Financial Aid: 479-751-8824 ext. 244

So, you wanna be a...

Not sure what you want to do with your life? Well, this is the place to start looking.

The following section is packed with occupations that can be found all over the state in just about every field imaginable. It also will tell you what type of education you will need to get those jobs, how many positions are available, and, of course, how much you can make doing them! Now, not all the occupations are listed here, as there are more than 800 of them. If you would like to know more about any occupation, or one that is not listed here, go to www.discover.arkansas.gov and click on the "Occupation" link.

2016-2017 Occupations and Careers

Occupation

This column provides the title and a brief description of the occupation. The occupations are listed in alphabetical order by Standard Occupational Classification Titles. Keep in mind the work you actually do will depend on your employer, training, and experience.

Earnings

This column shows an estimated mean hourly wage and annual salary in Arkansas for the occupation. This data is based on a semi-annual wage survey conducted by the Arkansas Labor Market Information Section. The actual pay for a job may vary depending on the geographic area, qualifications of the employee, and the pay scale of the employer.

N/A – Not Available

Job Outlook

The first row in this column shows an estimate of the total number of workers in the occupation in Arkansas.

The second row shows an estimate of the rate of growth for the occupation in Arkansas. Above average is more than 5 percent, average is between 2 and 5 percent, below average is between 0 and 2 percent and decline is below 0 percent.

AA – Above Average

A – Average

BA – Below Average

D – Decline

The third row shows an estimate of the number of openings expected each year in Arkansas for the occupation.

The Arkansas Labor Market Information Section bases both the growth rate and annual openings data on occupational projections.

Education

This column lists education/work experience in a related occupation/training that is most commonly needed by workers to become fully qualified in the occupation. There may be other training and educational alternatives than those listed.

Education Required - First Row

Doctoral or professional degree (D) – Requires at least three years of full-time academic study beyond a bachelor's degree.

Master's degree (M) – Requires one or two years of full-time academic study beyond a bachelor's degree.

Bachelor's degree (B) – Requires four or five years of full-time academic study.

Associate degree (A) – Requires at least two years of full-time academic study.

Postsecondary non-degree award (PS) – Programs last a few weeks to more than a year; leads to a certificate or other award.

Some college, no degree (SC) – Requires the completion of a high school diploma or equivalent plus the completion of one or more postsecondary courses that did not result in a degree or award.

High School diploma or equivalent (HS) – Requires the completion of high school or an equivalent program resulting in the award of a high school diploma or an equivalent, such as a GED.

No Formal Education (NFE) – Signifies that a formal credential issued by an educational institution, such as a high school diploma or postsecondary certificate, is not typically needed for entry into the occupation.

Work experience in a related occupation - Second Row

Requires experience in a related occupation by length of time (years) spent gaining related work experience.

5+ - 5 years or more work experience

-5 - Less than 5 years work experience

None

On-the-job training - Third Row

Internship/residency (I/R) – Training that involves preparation in a field such as medicine or teaching, generally under supervision in a professional setting.

Apprenticeship (App) – A formal relationship between a worker and sponsor that consists of a combination of on-the-job training and related occupation-specific technical instruction.

Long-term on-the-job training (LOJT) – Requires more than 12 months of training or a combination of work experience and classroom instruction.

Moderate-term on-the-job training (MOJT) – Requires one to 12 months of combined work experience and informal training.

Short-term on-the-job training (SOJT) – Requires a short demonstration of job duties or one month or less of on-the-job experience and informal training.

Occupation	Earnings	Job Outlook	Education
Accountants and Auditors 13-2011 Examine, analyze, and interpret accounting records to prepare financial statements, give advice, or audit and evaluate statements prepared by others.	\$30.01 \$62,430	7,228 A 333	B None None
Administrative Law Judges, Adjudicators, and Hearing Officers 23-1021 Conduct hearings to recommend or make decisions on claims concerning government programs or other government-related matters. Determine liability, sanctions, or penalties, or recommend the acceptance or rejection of claims or settlements.	\$22.81 \$47,450	437 BA 9	D 5+ SOJT
Administrative Services Managers 11-3011 Plan, direct, or coordinate one or more administrative services of an organization, such as records and information management, mail distribution, facilities planning and maintenance, custodial operations, and other office support services.	\$38.69 \$80,470	2,181 A 73	B -5 None
Adult Basic and Secondary Education and Literacy Teachers and Instructors 25-3011 Teach or instruct out-of-school youths and adults in remedial education classes, preparatory classes for the General Educational Development test, literacy, or English as a Second Language.	\$18.46 \$38,400	759 BA 18	B None I/R
Advertising Sales Agents 41-3011 Sell or solicit advertising space, time, or media in publications, signage, TV, radio, or the Internet.	\$21.67 \$45,080	1,309 BA 46	HS None MOJT
Agricultural and Food Science Technicians 19-4011 Work with agricultural and food scientists in food, fiber, and animal research, production, and processing; and assist with animal breeding and nutrition.	\$18.07 \$37,590	683 A 26	A None MOJT
Agricultural Equipment Operators 45-2091 Drive and control farm equipment to till soil and to plant, cultivate, and harvest crops.	\$11.94 \$24,830	919 A 36	NFE None SOJT
Agricultural Inspectors 45-2011 Inspect agricultural commodities, processing equipment, and facilities, and fish and logging operations, to ensure compliance with regulations and laws governing health, quality, and safety.	\$20.90 \$43,470	404 D 10	B None MOJT
Air Traffic Controllers 53-2021 Control air traffic on and within vicinity of airport and movement of air traffic between altitude sectors and control centers according to established procedures and policies.	\$42.61 \$88,640	118 D 4	A None LOJT
Aircraft Mechanics and Service Technicians 49-3011 Diagnose, adjust, repair, or overhaul aircraft engines and assemblies, such as hydraulic and pneumatic systems.	\$23.79 \$49,490	988 D 22	PS None None
Airline Pilots, Copilots, and Flight Engineers 53-2011 Pilot and navigate the flight of fixed-wing, multi-engine aircraft, usually on scheduled air carrier routes, for the transport of passengers and cargo. Requires Federal Air Transport Pilot certificate and rating for specific aircraft type used.	N/A \$96,950	105 D 2	B -5 MOJT
Ambulance Drivers and Attendants, Except Emergency Medical Technicians 53-3011 Drive ambulance or assist ambulance driver in transporting sick, injured, or convalescent persons. Assist in lifting patients.	\$13.49 \$28,060	87 A 4	HS None MOJT
Anesthesiologists 29-1061 Physicians who administer anesthetics prior to, during, or after surgery or other medical procedures.	\$113.57 \$236,230	160 A 7	D None I/R
Animal Control Workers 33-9011 Handle animals for the purpose of investigations of mistreatment, or control of abandoned, dangerous, or unattended animals.	\$12.98 \$26,990	192 A 6	HS None MOJT
Animal Trainers 39-2011 Train animals for riding, harness, security, performance, or obedience, or assisting persons with disabilities.	\$13.38 \$27,830	432 A 22	HS None MOJT
Arbitrators, Mediators, and Conciliators 23-1022 Facilitate negotiation and conflict resolution through dialogue. Resolve conflicts outside of the court system by mutual consent of parties involved.	\$22.71 \$47,230	25 A 0	B -5 MOJT
Architects, Except Landscape and Naval 17-1011 Plan and design structures, such as private residences, office buildings, theaters, factories, and other structural property.	\$32.95 \$68,540	661 BA 11	B None I/R
Architectural and Civil Drafters 17-3011 Prepare detailed drawings of architectural and structural features of buildings or drawings and topographical relief maps used in civil engineering projects, such as highways, bridges, and public works.	\$22.31 \$46,400	509 D 6	A None None

Occupation	Earnings	Job Outlook	Education
Architectural and Engineering Managers 11-9041 Plan, direct, or coordinate activities in such fields as architecture and engineering or research and development in these fields.	\$55.15 \$114,700	635 D 17	B 5+ None
Archivists 25-4011 Appraise, edit, and direct safekeeping of permanent records and historically valuable documents.	\$23.10 \$48,040	88 A 3	M None None
Atmospheric and Space Scientists 19-2021 Investigate atmospheric phenomena and interpret meteorological data, gathered by surface and air stations, satellites, and radar to prepare reports and forecasts for public and other uses.	\$41.19 \$85,680	40 D 0	B None None
Audiologists 29-1181 Assess and treat persons with hearing and related disorders. May fit hearing aids and provide auditory training.	\$29.03 \$60,370	63 A 4	D None None
Automotive and Watercraft Service Attendants 53-6031 Service automobiles, buses, trucks, boats, and other automotive or marine vehicles with fuel, lubricants, and accessories.	\$10.66 \$22,170	1,084 A 68	NFE None SOJT
Automotive Body and Related Repairers 49-3021 Repair and refinish automotive vehicle bodies and straighten vehicle frames.	\$16.93 \$35,220	1,230 A 44	HS None LOJT
Automotive Glass Installers and Repairers 49-3022 Replace or repair broken windshields and window glass in motor vehicles.	\$13.67 \$28,430	271 BA 6	HS None MOJT
Automotive Service Technicians and Mechanics 49-3023 Diagnose, adjust, repair, or overhaul automotive vehicles.	\$16.38 \$34,080	5,470 A 220	PS None SOJT
Avionics Technicians 49-2091 Install, inspect, test, adjust, or repair avionics equipment, such as radar, radio, navigation, and missile control systems in aircraft or space vehicles.	\$24.29 \$50,530	117 A 4	A None None
Bailiffs 33-3011 Maintain order in courts of law.	\$15.64 \$32,540	104 BA 4	HS None MOJT
Bakers 51-3011 Mix and bake ingredients to produce breads, rolls, cookies, cakes, pies, pastries, or other baked goods.	\$10.00 \$20,800	1,120 A 46	NFE None LOJT
Bill and Account Collectors 43-3011 Locate and notify customers of delinquent accounts by mail, telephone, or personal visit to solicit payment.	\$15.68 \$32,620	1,773 BA 60	HS None MOJT
Biochemists and Biophysicists 19-1021 Study the chemical composition or physical principles of living cells and organisms, their electrical and mechanical energy, and related phenomena.	\$35.68 \$74,210	41 A 2	D None None
Biological Technicians 19-4021 Assist biological and medical scientists in laboratories. Set up, operate, and maintain laboratory instruments and equipment, monitor experiments, make observations, and calculate and record results.	\$20.02 \$41,640	571 BA 20	B None None
Biomedical Engineers 17-2031 Apply knowledge of engineering, biology, and biomechanical principles to the design, development, and evaluation of biological and health systems and products, such as artificial organs, prostheses, instrumentation, medical information systems, and health management and care delivery systems.	N/A N/A	28 BA 0	B None None
Boilermakers 47-2011 Construct, assemble, maintain, and repair stationary steam boilers and boiler house auxiliaries.	N/A N/A	31 A 0	HS None App
Bookkeeping, Accounting, and Auditing Clerks 43-3031 Compute, classify, and record numerical data to keep financial records complete.	\$16.35 \$34,010	13,357 BA 136	SC None MOJT
Brickmasons and Blockmasons 47-2021 Lay and bind building materials, such as brick, structural tile, concrete block, cinder block, glass block, and terra-cotta block, with mortar and other substances to construct or repair walls, partitions, arches, sewers, and other structures.	\$17.92 \$37,280	681 AA 24	HS None App

Occupation	Earnings	Job Outlook	Education
Broadcast Technicians 27-4012 Set up, operate, and maintain the electronic equipment used to transmit radio and television programs. Control audio equipment to regulate volume level and quality of sound during radio and television broadcasts.	\$17.41 \$36,210	112 D 2	A None SOJT
Budget Analysts 13-2031 Examine budget estimates for completeness, accuracy, and conformance with procedures and regulations.	\$27.44 \$57,080	488 BA 16	B None None
Bus and Truck Mechanics and Diesel Engine Specialists 49-3031 Diagnose, adjust, repair, or overhaul buses and trucks, or maintain and repair any type of diesel engines.	\$18.53 \$38,540	3,573 A 128	HS None LOJT
Bus Drivers, School or Special Client 53-3022 Transport students or special clients, such as the elderly or persons with disabilities.	\$9.15 \$19,040	5,317 BA 89	HS None SOJT
Bus Drivers, Transit and Intercity 53-3021 Drive bus or motor coach, including regular route operations, charters, and private carriage.	N/A N/A	339 BA 6	HS None MOJT
Cabinetmakers and Bench Carpenters 51-7011 Cut, shape, and assemble wooden articles or set up and operate a variety of woodworking machines, such as power saws, jointers, and mortisers to surface, cut, or shape lumber or to fabricate parts for wood products.	\$16.07 \$33,420	1,143 D 10	HS None MOJT
Camera Operators, Television, Video, and Motion Picture 27-4031 Operate television, video, or motion picture camera to record images or scenes for various purposes, such as TV broadcasts, advertising, video production, or motion pictures.	\$23.47 \$48,820	86 BA 0	B None None
Cardiovascular Technologists and Technicians 29-2031 Conduct tests on pulmonary or cardiovascular systems of patients for diagnostic purposes.	\$22.25 \$46,270	486 A 18	A None None
Career/Technical Education Teachers, Secondary School 25-2032 Teach occupational, career and technical, or vocational subjects at the secondary school level in public or private schools.	N/A \$50,650	1,050 D 26	B -5 I/R
Cargo and Freight Agents 43-5011 Expedite and route movement of incoming and outgoing cargo and freight shipments in airline, train, and trucking terminals, and shipping docks.	\$19.30 \$40,150	541 AA 44	HS None SOJT
Carpenters 47-2031 Construct, erect, install, or repair structures and fixtures made of wood, such as concrete forms; building frameworks, including partitions, joists, studding, and rafters; and wood stairways, window and door frames, and hardwood floors.	\$16.38 \$34,070	5,582 A 177	HS None App
Carpet Installers 47-2041 Lay and install carpet from rolls or blocks on floors. Install padding and trim flooring materials.	\$11.11 \$23,120	87 AA 3	NFE None SOJT
Cartographers and Photogrammetrists 17-1021 Collect, analyze, and interpret geographic information provided by geodetic surveys, aerial photographs, and satellite data.	\$27.14 \$56,460	41 AA 3	B None None
Cashiers 41-2011 Receive and disburse money in establishments other than financial institutions.	\$8.99 \$18,700	31,488 A 1,994	NFE None SOJT
Chemical Engineers 17-2041 Design chemical plant equipment and devise processes for manufacturing chemicals and products, such as gasoline, synthetic rubber, plastics, detergents, cement, paper, and pulp, by applying principles and technology of chemistry, physics, and engineering.	\$40.66 \$84,580	196 BA 5	B None None
Chemical Equipment Operators and Tenders 51-9011 Operate or tend equipment to control chemical changes or reactions in the processing of industrial or consumer products.	\$22.80 \$47,410	988 D 28	HS None MOJT
Chemical Plant and System Operators 51-8091 Control or operate entire chemical processes or system of machines.	\$25.81 \$53,690	300 D 10	HS None LOJT
Chemical Technicians 19-4031 Conduct chemical and physical laboratory tests to assist scientists in making qualitative and quantitative analyses of solids, liquids, and gaseous materials for research and development of new products or processes, quality control, maintenance of environmental standards, and other work involving experimental, theoretical, or practical application of chemistry and related sciences.	\$18.64 \$38,760	587 BA 23	A None MOJT

Occupation	Earnings	Job Outlook	Education
Chemists 19-2031 Conduct qualitative and quantitative chemical analyses or experiments in laboratories for quality or process control or to develop new products or knowledge.	\$35.04 \$72,890	476 BA 12	B None None
Child, Family, and School Social Workers 21-1021 Provide social services and assistance to improve the social and psychological functioning of children and their families and to maximize the family well-being and the academic functioning of children.	\$16.94 \$35,230	1,421 A 51	B None None
Childcare Workers 39-9011 Attend to children at schools, businesses, private households, and childcare institutions.	\$9.01 \$18,740	12,889 A 564	HS None SOJT
Chiropractors 29-1011 Assess, treat, and care for patients by manipulation of spine and musculoskeletal system.	\$30.23 \$62,890	451 A 15	D None None
Civil Engineering Technicians 17-3022 Apply theory and principles of civil engineering in planning, designing, and overseeing construction and maintenance of structures and facilities under the direction of engineering staff or physical scientists.	\$22.83 \$47,490	288 D 7	A None None
Civil Engineers 17-2051 Perform engineering duties in planning, designing, and overseeing construction and maintenance of building structures, and facilities, such as roads, railroads, airports, bridges, harbors, channels, dams, irrigation projects, pipelines, power plants, and water and sewage systems.	\$37.05 \$77,070	1,282 BA 36	B None None
Claims Adjusters, Examiners, and Investigators 13-1031 Review settled claims to determine that payments and settlements are made in accordance with company practices and procedures. Confer with legal counsel on claims requiring litigation.	\$30.08 \$62,560	1,386 BA 36	HS None LOJT
Clergy 21-2011 Conduct religious worship and perform other spiritual functions associated with beliefs and practices of religious faith or denomination.	\$21.41 \$44,530	8,680 A 328	B None MOJT
Clinical, Counseling, and School Psychologists 19-3031 Diagnose and treat mental disorders; learning disabilities; and cognitive, behavioral, and emotional problems, using individual, child, family, and group therapies.	\$30.91 \$64,300	920 A 29	D None I/R
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders 51-9121 Set up, operate, or tend machines to coat or paint any of a wide variety of products, including glassware, cloth, ceramics, metal, plastic, paper, or wood, with lacquer, silver, copper, rubber, varnish, glaze, enamel, oil, or rust-proofing materials.	\$14.80 \$30,770	1,247 BA 29	HS None MOJT
Coil Winders, Tapers, and Finishers 51-2021 Wind wire coils used in electrical components, such as resistors and transformers, and in electrical equipment and instruments, such as field cores, bobbins, armature cores, electrical motors, generators, and control equipment.	\$17.95 \$37,330	350 D 4	HS None MOJT
Combined Food Preparation and Serving Workers, Including Fast Food 35-3021 Perform duties which combine preparing and serving food and nonalcoholic beverages.	\$8.62 \$17,940	24,259 AA 1,560	NFE None SOJT
Commercial and Industrial Designers 27-1021 Develop and design manufactured products, such as cars, home appliances, and children's toys. Combine artistic talent with research on product use, marketing, and materials to create the most functional and appealing product design.	\$34.04 \$70,810	136 BA 3	B None None
Commercial Pilots 53-2012 Pilot and navigate the flight of fixed-winged aircraft on nonscheduled air carrier routes, or helicopters. Requires Commercial Pilot certificate.	N/A \$75,440	502 BA 14	HS None MOJT
Community Health Workers 21-1094 Assist individuals and communities to adopt healthy behaviors. Conduct outreach for medical personnel or health organizations to implement programs in the community that promote, maintain, and improve individual and community health.	\$20.44 \$42,510	422 A 17	HS None SOJT
Computer Hardware Engineers 17-2061 Research, design, develop, or test computer or computer-related equipment for commercial, industrial, military, or scientific use.	\$34.72 \$72,210	103 AA 5	B None None
Computer Network Architects 15-1143 Design and implement computer and information networks, such as local area networks (LAN), wide area networks (WAN), intranets, extranets, and other data communications networks.	\$41.79 \$86,930	1,358 A 47	B 5+ None
Computer Network Support Specialists 15-1152 Analyze, test, troubleshoot, and evaluate existing network systems, such as local area network (LAN), wide area network (WAN), and Internet systems or a segment of a network system.	\$25.06 \$52,130	877 A 24	A None None

Occupation	Earnings	Job Outlook	Education
Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic 51-4012 Develop programs to control machining or processing of metal or plastic parts by automatic machine tools, equipment, or systems.	\$18.05 \$37,540	218 AA 12	HS None LOJT
Computer Programmers 15-1131 Create, modify, and test the code, forms, and script that allow computer applications to run.	\$33.80 \$70,310	3,562 A 122	B None None
Computer Systems Analysts 15-1121 Analyze science, engineering, business, and other data processing problems to implement and improve computer systems.	\$33.02 \$68,680	2,769 AA 122	B None None
Computer User Support Specialists 15-1151 Provide technical assistance to computer users. Answer questions or resolve computer problems for clients in person, or via telephone or electronically.	\$19.21 \$39,960	3,569 A 89	SC None None
Conservation Scientists 19-1031 Manage, improve, and protect natural resources to maximize their use without damaging the environment.	\$22.23 \$46,240	537 BA 22	B None None
Construction and Building Inspectors 47-4011 Inspect structures using engineering skills to determine structural soundness and compliance with specifications, building codes, and other regulations.	\$22.28 \$46,350	718 BA 24	HS 5+ MOJT
Construction Laborers 47-2061 Perform tasks involving physical labor at construction sites. May operate hand and power tools of all types: air hammers, earth tampers, cement mixers, small mechanical hoists, surveying and measuring equipment, and a variety of other equipment and instruments.	\$12.10 \$25,160	9,822 A 339	NFE None SOJT
Construction Managers 11-9021 Plan, direct, or coordinate, usually through subordinate supervisory personnel, activities concerned with the construction and maintenance of structures, facilities, and systems.	\$34.82 \$72,420	3,237 A 88	B None MOJT
Control and Valve Installers and Repairers, Except Mechanical Door 49-9012 Install, repair, and maintain mechanical regulating and controlling devices, such as electric meters, gas regulators, thermostats, safety and flow valves, and other mechanical governors.	\$24.34 \$50,630	668 D 22	HS None MOJT
Cooks, Fast Food 35-2011 Prepare and cook food in a fast food restaurant with a limited menu.	\$8.52 \$17,720	10,560 D 284	NFE None SOJT
Cooks, Restaurant 35-2014 Prepare, season, and cook dishes such as soups, meats, vegetables, or desserts in restaurants. May order supplies, keep records and accounts, price items on menu, or plan menu.	\$10.32 \$21,470	9,169 AA 499	NFE -5 MOJT
Cooks, Short Order 35-2015 Prepare and cook to order a variety of foods that require only a short preparation time. May take orders from customers and serve patrons at counters or tables.	\$8.87 \$18,460	867 BA 32	NFE None SOJT
Cooling and Freezing Equipment Operators and Tenders 51-9193 Operate or tend equipment, such as cooling and freezing units, refrigerators, batch freezers, and freezing tunnels, to cool or freeze products, food, blood plasma, and chemicals.	\$12.62 \$26,240	542 A 16	HS None MOJT
Correctional Officers and Jailers 33-3012 Guard inmates in penal or rehabilitative institutions in accordance with established regulations and procedures.	\$15.92 \$33,100	5,327 BA 192	HS None MOJT
Cost Estimators 13-1051 Prepare cost estimates for product manufacturing, construction projects, or services to aid management in bidding on or determining price of product or service.	\$27.09 \$56,350	1,077 A 52	B None None
Counter and Rental Clerks 41-2021 Receive orders, generally in person, for repairs, rentals, and services.	\$10.75 \$22,370	3,453 BA 106	NFE None SOJT
Counter Attendants, Cafeteria, Food Concession, and Coffee Shop 35-3022 Serve food to diners at counter or from a steam table.	\$8.61 \$17,910	2,240 A 245	NFE None SOJT
Couriers and Messengers 43-5021 Pick up and deliver messages, documents, packages, and other items between offices or departments within an establishment or directly to other business concerns, traveling by foot, bicycle, motorcycle, automobile, or public conveyance.	\$12.30 \$25,590	638 A 16	HS None SOJT

Occupation	Earnings	Job Outlook	Education
Court Reporters 23-2091 Use verbatim methods and equipment to capture, store, retrieve, and transcribe pretrial and trial proceedings or other information.	\$21.63 \$44,990	183 BA 4	PS None SOJT
Court, Municipal, and License Clerks 43-4031 Perform clerical duties for courts of law, municipalities, or governmental licensing agencies and bureaus.	\$13.91 \$28,920	1,134 A 20	HS None MOJT
Crane and Tower Operators 53-7021 Operate mechanical boom and cable or tower and cable equipment to lift and move materials, machines, or products in many directions.	\$22.22 \$46,210	959 AA 70	HS -5 MOJT
Credit Counselors 13-2071 Advise and educate individuals or organizations on acquiring and managing debt.	\$25.29 \$52,600	88 A 3	B None MOJT
Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders 51-9021 Set up, operate, or tend machines to crush, grind, or polish materials, such as coal, glass, grain, stone, food, or rubber.	\$14.03 \$29,180	453 BA 13	HS None MOJT
Curators 25-4012 Administer collections, such as artwork, collectibles, historic items, or scientific specimens of museums or other institutions.	\$20.68 \$43,010	82 A 4	M None None
Customer Service Representatives 43-4051 Interact with customers to provide information in response to inquiries about products and services and to handle and resolve complaints.	\$14.70 \$30,570	18,865 A 848	HS None SOJT
Cutting and Slicing Machine Setters, Operators, and Tenders 51-9032 Set up, operate, or tend machines that cut or slice materials, such as glass, stone, cork, rubber, tobacco, food, paper, or insulating material.	\$15.33 \$31,880	1,694 A 62	HS None SOJT
Data Entry Keyers 43-9021 Operate data entry device, such as keyboard or photo composing perforator. Duties may include verifying data and preparing materials for printing.	\$13.82 \$28,740	1,992 BA 34	HS None MOJT
Database Administrators 15-1141 Administer, test, and implement computer databases, applying knowledge of database management systems. Coordinate changes to computer databases.	\$36.41 \$75,730	1,066 AA 53	B -5 None
Dental Assistants 31-9091 Assist dentist, set up equipment, prepare patient for treatment, and keep records.	\$15.64 \$32,520	2,447 BA 80	PS None None
Dental Hygienists 29-2021 Clean teeth and examine oral areas, head, and neck for signs of oral disease. May educate patients on oral hygiene, take and develop x rays, or apply fluoride or sealants.	\$30.97 \$64,410	1,346 BA 31	A None None
Dental Laboratory Technicians 51-9081 Construct and repair full or partial dentures or dental appliances.	\$17.87 \$37,170	385 A 19	HS None MOJT
Dentists, General 29-1021 Examine, diagnose, and treat diseases, injuries, and malformations of teeth and gums. May treat diseases of nerve, pulp, and other dental tissues affecting oral hygiene and retention of teeth.	\$82.43 \$171,450	1,018 A 29	D None None
Derrick Operators, Oil and Gas 47-5011 Rig derrick equipment and operate pumps to circulate mud through drill hole.	\$25.63 \$53,300	211 D 7	NFE None SOJT
Detectives and Criminal Investigators 33-3021 Conduct investigations related to suspected violations of Federal, State, or local laws to prevent or solve crimes.	\$27.21 \$56,590	546 BA 15	HS -5 MOJT
Diagnostic Medical Sonographers 29-2032 Produce ultrasonic recordings of internal organs for use by physicians.	\$28.15 \$58,550	395 A 16	A None None
Dietitians and Nutritionists 29-1031 Plan and conduct food service or nutritional programs to assist in the promotion of health and control of disease.	\$24.62 \$51,210	566 A 10	B None I/R
Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic 51-4032 Set up, operate, or tend drilling machines to drill, bore, ream, mill, or countersink metal or plastic work pieces.	\$15.46 \$32,150	112 D 2	HS None MOJT

Occupation	Earnings	Job Outlook	Education
Drywall and Ceiling Tile Installers 47-2081 Apply plasterboard or other wallboard to ceilings or interior walls of buildings.	\$14.87 \$30,930	440 AA 22	NFE None MOJT
Economists 19-3011 Conduct research, prepare reports, or formulate plans to address economic problems related to the production and distribution of goods and services or monetary and fiscal policy.	\$31.75 \$66,040	64 A 3	M None None
Editors 27-3041 Plan, coordinate, or edit content of material for publication. May review proposals and drafts for possible publication.	\$20.12 \$41,840	593 D 20	B -5 None
Educational, Guidance, School, and Vocational Counselors 21-1012 Counsel individuals and provide group educational and vocational guidance services.	\$25.10 \$52,200	2,036 BA 52	M None None
Electric Motor, Power Tool, and Related Repairers 49-2092 Repair, maintain, or install electric motors, wiring, or switches.	\$20.04 \$41,680	375 D 11	PS None LOJT
Electrical and Electronic Equipment Assemblers 51-2022 Assemble or modify electrical or electronic equipment, such as computers, test equipment telemetering systems, electric motors, and batteries.	\$16.42 \$34,140	825 BA 11	HS None MOJT
Electrical and Electronics Drafters 17-3012 Prepare wiring diagrams, circuit board assembly diagrams, and layout drawings used for the manufacture, installation, or repair of electrical equipment.	\$27.92 \$58,070	152 BA 2	A None None
Electrical and Electronics Repairers, Commercial and Industrial Equipment 49-2094 Repair, test, adjust, or install electronic equipment, such as industrial controls, transmitters, and antennas.	\$22.65 \$47,100	418 A 11	PS None LOJT
Electrical Engineers 17-2071 Research, design, develop, test, or supervise the manufacturing and installation of electrical equipment, components, or systems for commercial, industrial, military, or scientific use.	\$41.06 \$85,400	830 D 18	B None None
Electrical Power-Line Installers and Repairers 49-9051 Install or repair cables or wires used in electrical power or distribution systems. May erect poles and light or heavy duty transmission towers.	\$29.53 \$61,420	1,467 D 56	HS None LOJT
Electricians 47-2111 Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes.	\$20.31 \$42,240	5,635 AA 238	HS None App
Electronics Engineers, Except Computer 17-2072 Research, design, develop, or test electronic components and systems for commercial, industrial, military, or scientific use employing knowledge of electronic theory and materials properties.	\$34.07 \$70,860	367 A 13	B None None
Elementary School Teachers, Except Special Education 25-2021 Teach students basic academic, social, and other formative skills in public or private schools at the elementary level.	N/A \$45,120	11,544 BA 283	B None I/R
Eligibility Interviewers, Government Programs 43-4061 Determine eligibility of persons applying to receive assistance from government programs and agency resources, such as welfare, unemployment benefits, social security, and public housing.	\$16.21 \$33,720	1,735 BA 29	HS None MOJT
Embalmers 39-4011 Prepare bodies for interment in conformity with legal requirements.	\$22.19 \$46,160	98 BA 2	PS None SOJT
Emergency Management Directors 11-9161 Plan and direct disaster response or crisis management activities, provide disaster preparedness training, and prepare emergency plans and procedures for natural (e.g., hurricanes, floods, earthquakes), wartime, or technological (e.g., nuclear power plant emergencies or hazardous materials spills) disasters or hostage situations.	\$20.64 \$42,930	118 A 3	B 5+ None
Emergency Medical Technicians and Paramedics 29-2041 Assess injuries, administer emergency medical care, and extricate trapped individuals. Transport injured or sick persons to medical facilities.	\$14.06 \$29,230	2,195 A 76	PS None None
Environmental Engineers 17-2081 Research, design, plan, or perform engineering duties in the prevention, control, and remediation of environmental hazards using various engineering disciplines.	\$37.51 \$78,030	212 A 9	B None None
Environmental Science and Protection Technicians, Including Health 19-4091 Perform laboratory and field tests to monitor the environment and investigate sources of pollution, including those that affect health, under the direction of an environmental scientist, engineer, or other specialist.	\$20.39 \$42,420	220 A 14	A None None

Occupation	Earnings	Job Outlook	Education
Environmental Scientists and Specialists, Including Health 19-2041 Conduct research or perform investigation for the purpose of identifying, abating, or eliminating sources of pollutants or hazards that affect either the environment or the health of the population.	\$29.99 \$62,370	302 A 14	B None None
Excavating and Loading Machine and Dragline Operators 53-7032 Operate or tend machinery equipped with scoops, shovels, or buckets, to excavate and load loose materials.	\$14.85 \$30,890	532 BA 12	HS -5 MOJT
Executive Secretaries and Executive Administrative Assistants 43-6011 Provide high-level administrative support by conducting research, preparing statistical reports, handling information requests, and performing clerical functions such as preparing correspondence, receiving visitors, arranging conference calls, and scheduling meetings.	\$21.73 \$45,190	4,735 BA 59	HS -5 None
Explosives Workers, Ordnance Handling Experts, and Blasters 47-5031 Place and detonate explosives to demolish structures or to loosen, remove, or displace earth, rock, or other materials.	\$19.00 \$39,520	164 D 3	HS -5 LOJT
Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders 51-9041 Set up, operate, or tend machines, such as glass forming machines, plodder machines, and tuber machines, to shape and form products, such as glassware, food, rubber, soap, brick, tile, clay, wax, tobacco, or cosmetics.	\$18.22 \$37,890	912 BA 36	HS None MOJT
Fallers 45-4021 Use axes or chainsaws to fell trees using knowledge of tree characteristics and cutting techniques to control direction of fall and minimize tree damage.	\$13.49 \$28,050	413 D 10	HS None MOJT
Family and General Practitioners 29-1062 Physicians who diagnose, treat, and help prevent diseases and injuries that commonly occur in the general population.	\$101.64 \$211,410	1,546 A 58	D None I/R
Farmers, Ranchers, and Other Agricultural Managers 11-9013 Plan, direct, or coordinate the management or operation of farms, ranches, greenhouses, aquacultural operations, nurseries, timber tracts, or other agricultural establishments.	\$42.35 \$88,090	54,101 A 1,555	HS 5+ None
Farmworkers and Laborers, Crop, Nursery, and Greenhouse 45-2092 Manually plant, cultivate, and harvest vegetables, fruits, nuts, horticultural specialties, and field crops. Use hand tools, such as shovels, trowels, hoes, tampers, pruning hooks, shears, and knives.	\$11.08 \$23,050	3,761 BA 112	NFE None SOJT
Farmworkers, Farm, Ranch, and Aquacultural Animals 45-2093 Attend to live farm, ranch, or aquacultural animals that may include cattle, sheep, swine, goats, horses and other equines, poultry, finfish, shellfish, and bees.	\$11.32 \$23,540	2,044 A 82	NFE None SOJT
Fiberglass Laminators and Fabricators 51-2091 Laminate layers of fiberglass on molds to form boat decks and hulls, bodies for golf carts, automobiles, or other products.	\$12.97 \$26,970	694 A 31	HS None MOJT
Financial Analysts 13-2051 Conduct quantitative analyses of information affecting investment programs of public or private institutions.	\$32.80 \$68,230	846 A 26	B None None
Financial Examiners 13-2061 Enforce or ensure compliance with laws and regulations governing financial and securities institutions and financial and real estate transactions.	\$35.25 \$73,320	184 A 8	B None MOJT
Fire Inspectors and Investigators 33-2021 Inspect buildings to detect fire hazards and enforce local ordinances and State laws, or investigate and gather facts to determine cause of fires and explosions.	\$21.99 \$45,730	34 BA 1	PS 5+ MOJT
Firefighters 33-2011 Control and extinguish fires or respond to emergency situations where life, property, or the environment is at risk.	\$16.08 \$33,440	2,742 A 104	PS None LOJT
First-Line Supervisors of Correctional Officers 33-1011 Directly supervise and coordinate activities of correctional officers and jailers.	\$22.28 \$46,340	291 BA 10	HS -5 MOJT
First-Line Supervisors of Fire Fighting and Prevention Workers 33-1021 Directly supervise and coordinate activities of workers engaged in fire fighting and fire prevention and control.	\$25.20 \$52,420	611 A 31	PS -5 MOJT
First-Line Supervisors of Mechanics, Installers, and Repairers 49-1011 Directly supervise and coordinate the activities of mechanics, installers, and repairers.	\$26.74 \$55,620	4,588 A 140	HS -5 None
First-Line Supervisors of Non-Retail Sales Workers 41-1012 Directly supervise and coordinate activities of sales workers other than retail sales workers.	\$35.88 \$74,630	3,386 A 97	HS -5 None

Occupation	Earnings	Job Outlook	Education
First-Line Supervisors of Office and Administrative Support Workers 43-1011 Directly supervise and coordinate the activities of clerical and administrative support workers.	\$22.11 \$45,980	14,788 A 440	HS -5 None
First-Line Supervisors of Personal Service Workers 39-1021 Directly supervise and coordinate activities of personal service workers, such as flight attendants, hairdressers, or caddies.	\$14.99 \$31,180	1,686 A 50	HS -5 None
First-Line Supervisors of Police and Detectives 33-1012 Directly supervise and coordinate activities of members of police force.	\$25.26 \$52,530	1,157 A 50	HS -5 MOJT
First-Line Supervisors of Retail Sales Workers 41-1011 Directly supervise and coordinate activities of retail sales workers in an establishment or department.	\$16.20 \$33,690	17,582 A 686	HS -5 None
First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators 53-1031 Directly supervise and coordinate activities of transportation and material-moving machine and vehicle operators and helpers.	\$23.39 \$48,640	2,229 A 98	HS -5 None
Fish and Game Wardens 33-3031 Patrol assigned area to prevent fish and game law violations. Investigate reports of damage to crops or property by wildlife. Compile biological data.	\$23.70 \$49,300	177 BA 7	B None MOJT
Floral Designers 27-1023 Design, cut, and arrange live, dried, or artificial flowers and foliage.	\$11.51 \$23,940	441 D 10	HS None MOJT
Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders 51-3091 Operate or tend food or tobacco roasting, baking, or drying equipment, including hearth ovens, kiln driers, roasters, char kilns, and vacuum drying equipment.	\$11.83 \$24,610	232 A 8	NFE None MOJT
Food Batchmakers 51-3092 Set up and operate equipment that mixes or blends ingredients used in the manufacturing of food products.	\$11.78 \$24,500	1,532 BA 33	HS None MOJT
Food Cooking Machine Operators and Tenders 51-3093 Operate or tend cooking equipment, such as steam cooking vats, deep fry cookers, pressure cookers, kettles, and boilers, to prepare food products.	\$13.87 \$28,860	687 A 25	HS None MOJT
Food Preparation Workers 35-2021 Perform a variety of food preparation duties other than cooking, such as preparing cold foods and shellfish, slicing meat, and brewing coffee or tea.	\$8.96 \$18,640	7,220 A 333	NFE None SOJT
Forensic Science Technicians 19-4092 Collect, identify, classify, and analyze physical evidence related to criminal investigations. Perform tests on weapons or substances, such as fiber, hair, and tissue to determine significance to investigation.	\$19.59 \$40,740	151 AA 10	B None MOJT
Forest and Conservation Technicians 19-4093 Provide technical assistance regarding the conservation of soil, water, forests, or related natural resources.	\$20.38 \$42,390	232 D 10	A None None
Forest Fire Inspectors and Prevention Specialists 33-2022 Enforce fire regulations, inspect forest for fire hazards and recommend forest fire prevention or control measures.	\$16.47 \$34,250	181 A 9	HS -5 MOJT
Foresters 19-1032 Manage public and private forested lands for economic, recreational, and conservation purposes.	\$26.89 \$55,920	328 A 16	B None None
Foundry Mold and Coremakers 51-4071 Make or form wax or sand cores or molds used in the production of metal castings in foundries.	\$15.78 \$32,810	81 D 2	HS None MOJT
Fundraisers 13-1131 Organize activities to raise funds or otherwise solicit and gather monetary donations or other gifts for an organization.	\$21.01 \$43,700	231 AA 10	B None None
Funeral Service Managers 11-9061 Plan, direct, or coordinate the services or resources of funeral homes.	\$30.25 \$62,930	507 BA 15	A -5 None
Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders 51-9051 Operate or tend heating equipment other than basic metal, plastic, or food processing equipment.	\$15.81 \$32,880	442 BA 16	HS None MOJT

Occupation	Earnings	Job Outlook	Education
Furniture Finishers 51-7021 Shape, finish, and refinish damaged, worn, or used furniture or new high-grade furniture to specified color or finish.	N/A N/A	192 D 4	HS None SOJT
Gas Plant Operators 51-8092 Distribute or process gas for utility companies and others by controlling compressors to maintain specified pressures on main pipelines.	\$29.00 \$60,310	153 D 5	HS None LOJT
Glaziers 47-2121 Install glass in windows, skylights, store fronts, and display cases, or on surfaces, such as building fronts, interior walls, ceilings, and tabletops.	\$16.83 \$35,000	334 A 10	HS None App
Graders and Sorters, Agricultural Products 45-2041 Grade, sort, or classify unprocessed food and other agricultural products by size, weight, color, or condition.	\$11.10 \$23,080	1,538 BA 29	NFE None SOJT
Graphic Designers 27-1024 Design or create graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos.	\$19.21 \$39,950	1,190 BA 28	B None None
Hazardous Materials Removal Workers 47-4041 Identify, remove, pack, transport, or dispose of hazardous materials, including asbestos, lead-based paint, waste oil, fuel, transmission fluid, radioactive materials, or contaminated soil.	\$13.47 \$28,010	186 AA 14	HS None MOJT
Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic 51-4191 Set up, operate, or tend heating equipment, such as heat-treating furnaces, flame-hardening machines, induction machines, soaking pits, or vacuum equipment to temper, harden, anneal, or heat-treat metal or plastic objects.	\$16.90 \$35,160	300 D 6	HS None MOJT
Heating, Air Conditioning, and Refrigeration Mechanics and Installers 49-9021 Install or repair heating, central air conditioning, or refrigeration systems, including oil burners, hot-air furnaces, and heating stoves.	\$17.62 \$36,650	2,641 AA 114	PS None LOJT
Heavy and Tractor-Trailer Truck Drivers 53-3032 Drive a tractor-trailer combination or a truck with a capacity of at least 26,000 pounds Gross Vehicle Weight (GVW). May be required to unload truck. Requires commercial drivers' license.	\$18.69 \$38,870	36,679 A 1,044	PS None SOJT
Highway Maintenance Workers 47-4051 Maintain highways, municipal and rural roads, airport runways, and rights-of-way.	\$13.60 \$28,280	1,826 BA 62	HS None MOJT
Hoist and Winch Operators 53-7041 Operate or tend hoists or winches to lift and pull loads using power-operated cable equipment.	N/A N/A	52 AA 4	NFE None SOJT
Home Appliance Repairers 49-9031 Repair, adjust, or install all types of electric or gas household appliances, such as refrigerators, washers, dryers, and ovens.	\$16.21 \$33,720	266 A 12	HS None MOJT
Home Health Aides 31-1011 Provide routine individualized healthcare such as changing bandages and dressing wounds, and applying topical medications to the elderly, convalescents, or persons with disabilities at the patient's home or in a care facility.	\$9.05 \$18,830	7,443 A 320	NFE None SOJT
Human Resources Assistants, Except Payroll and Timekeeping 43-4161 Compile and keep personnel records. Record data for each employee, such as address, weekly earnings, absences, amount of sales or production, supervisory reports, and date of and reason for termination.	\$16.80 \$34,940	1,476 BA 25	A None None
Human Resources Managers 11-3121 Plan, direct, or coordinate human resources activities and staff of an organization.	\$42.10 \$87,570	719 A 34	B 5+ None
Human Resources Specialists 13-1071 Perform activities in the human resource area.	\$24.82 \$51,620	2,549 A 90	B None None
Hydrologists 19-2043 Research the distribution, circulation, and physical properties of underground and surface waters; and study the form and intensity of precipitation, its rate of infiltration into the soil, movement through the earth, and its return to the ocean and atmosphere.	N/A N/A	29 BA 1	B None None
Industrial Engineering Technicians 17-3026 Apply engineering theory and principles to problems of industrial layout or manufacturing production, usually under the direction of engineering staff. May perform time and motion studies on worker operations in a variety of industries for purposes such as establishing standard production rates or improving efficiency.	\$23.29 \$48,450	510 A 19	A None None

Occupation	Earnings	Job Outlook	Education
Industrial Engineers 17-2112 Design, develop, test, and evaluate integrated systems for managing industrial production processes, including human work factors, quality control, inventory control, logistics and material flow, cost analysis, and production coordination.	\$35.19 \$73,180	1,652 A 71	B None None
Industrial Machinery Mechanics 49-9041 Repair, install, adjust, or maintain industrial production and processing machinery or refinery and pipeline distribution systems.	\$22.02 \$45,810	4,749 A 227	HS None LOJT
Industrial Production Managers 11-3051 Plan, direct, or coordinate the work activities and resources necessary for manufacturing products in accordance with cost, quality, and quantity specifications.	\$41.86 \$87,070	1,959 A 71	B 5+ None
Interpreters and Translators 27-3091 Interpret oral or sign language, or translate written text from one language into another.	\$15.68 \$32,620	124 A 4	B None SOJT
Janitors and Cleaners, Except Maids and Housekeeping Cleaners 37-2011 Keep buildings in clean and orderly condition. Perform heavy cleaning duties, such as cleaning floors, shampooing rugs, washing walls and glass, and removing rubbish.	\$10.28 \$21,370	19,127 A 662	NFE None SOJT
Judges, Magistrate Judges, and Magistrates 23-1023 Arbitrate, advise, adjudicate, or administer justice in a court of law. May sentence defendant in criminal cases according to government statutes or sentencing guidelines.	\$46.19 \$96,070	365 BA 8	D 5+ SOJT
Judicial Law Clerks 23-1012 Assist judges in court or by conducting research or preparing legal documents.	\$21.30 \$44,310	94 BA 2	D None None
Kindergarten Teachers, Except Special Education 25-2012 Teach elemental natural and social science, personal hygiene, music, art, and literature to kindergarten students. Promote physical, mental, and social development. May be required to hold State certification.	N/A \$45,570	1,891 BA 59	B None I/R
Labor Relations Specialists 13-1075 Resolve disputes between workers and managers, negotiate collective bargaining agreements, or coordinate grievance procedures to handle employee complaints.	\$24.63 \$51,240	623 D 14	B -5 None
Laborers and Freight, Stock, and Material Movers, Hand 53-7062 Manually move freight, stock, or other materials or perform other general labor.	\$11.44 \$23,800	24,969 A 1,184	NFE None SOJT
Landscape Architects 17-1012 Plan and design land areas for projects such as parks and other recreational facilities, airports, highways, hospitals, schools, land subdivisions, and commercial, industrial, and residential sites.	\$22.48 \$46,770	98 A 3	B None I/R
Landscaping and Groundskeeping Workers 37-3011 Landscape or maintain grounds of property using hand or power tools or equipment.	\$11.10 \$23,100	6,150 A 228	NFE None SOJT
Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic 51-4034 Set up, operate, or tend lathe and turning machines to turn, bore, thread, form, or face metal or plastic materials, such as wire, rod, or bar stock.	\$15.44 \$32,110	185 D 4	HS None MOJT
Lawyers 23-1011 Represent clients in criminal and civil litigation and other legal proceedings, draw up legal documents, or manage or advise clients on legal transactions.	\$48.23 \$100,320	4,633 A 128	D None None
Layout Workers, Metal and Plastic 51-4192 Lay out reference points and dimensions on metal or plastic stock or workpieces, such as sheets, plates, tubes, structural shapes, castings, or machine parts, for further processing.	\$19.04 \$39,590	35 BA 0	HS None MOJT
Legal Secretaries 43-6012 Perform secretarial duties using legal terminology, procedures, and documents. Prepare legal papers and correspondence, such as summonses, complaints, motions, and subpoenas.	\$15.80 \$32,870	1,453 BA 22	HS None MOJT
Librarians 25-4021 Administer libraries and perform related library services. Work in a variety of settings, including public libraries, educational institutions, museums, corporations, government agencies, law firms, non-profit organizations, and healthcare providers.	\$24.38 \$50,710	1,397 D 28	M None None
Library Technicians 25-4031 Assist librarians by helping readers in the use of library catalogs, databases, and indexes to locate books and other materials; and by answering questions that require only brief consultation of standard reference.	\$13.17 \$27,380	752 BA 46	PS None None

Occupation	Earnings	Job Outlook	Education
Licensed Practical and Licensed Vocational Nurses 29-2061 Care for ill, injured, or convalescing patients or persons with disabilities in hospitals, nursing homes, clinics, private homes, group homes, and similar institutions. May work under the supervision of a registered nurse. Licensing required.	\$17.49 \$36,370	11,527 BA 368	PS None None
Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers 33-9092 Monitor recreational areas, such as pools, beaches, or ski slopes to provide assistance and protection to participants.	\$8.63 \$17,960	493 A 14	NFE None SOJT
Light Truck or Delivery Services Drivers 53-3033 Drive a light vehicle, such as a truck or van, with a capacity of less than 26,000 pounds Gross Vehicle Weight (GVW), primarily to deliver or pick up merchandise or to deliver packages. May load and unload vehicle.	\$14.07 \$29,260	6,032 A 191	HS None SOJT
Log Graders and Scalers 45-4023 Grade logs or estimate the marketable content or value of logs or pulpwood in sorting yards, millpond, log deck, or similar locations. Inspect logs for defects or measure logs to determine volume.	\$17.16 \$35,700	218 BA 8	HS None MOJT
Logisticians 13-1081 Analyze and coordinate the logistical functions of a firm or organization.	\$31.65 \$65,840	864 A 28	B None None
Machine Feeders and Offbearers 53-7063 Feed materials into or remove materials from machines or equipment that is automatic or tended by other workers.	\$12.20 \$25,380	2,076 BA 65	NFE None SOJT
Magnetic Resonance Imaging Technologists 29-2035 Operate Magnetic Resonance Imaging (MRI) scanners. Monitor patient safety and comfort, and view images of area being scanned to ensure quality of pictures.	\$25.14 \$52,290	255 A 7	A -5 None
Management Analysts 13-1111 Conduct organizational studies and evaluations, design systems and procedures, conduct work simplification and measurement studies, and prepare operations and procedures manuals to assist management in operating more efficiently and effectively.	\$27.90 \$58,040	4,351 A 123	B -5 None
Market Research Analysts and Marketing Specialists 13-1161 Research market conditions in local, regional, or national areas, or gather information to determine potential sales of a product or service, or create a marketing campaign.	\$30.40 \$63,240	2,494 AA 107	B None None
Marketing Managers 11-2021 Plan, direct, or coordinate marketing policies and programs, such as determining the demand for products and services offered by a firm and its competitors, and identify potential customers.	\$60.11 \$125,030	1,136 AA 55	B 5+ None
Marriage and Family Therapists 21-1013 Diagnose and treat mental and emotional disorders, whether cognitive, affective, or behavioral, within the context of marriage and family systems.	\$24.92 \$51,830	324 A 13	M None I/R
Massage Therapists 31-9011 Perform therapeutic massages of soft tissues and joints. May assist in the assessment of range of motion and muscle strength, or propose client therapy plans.	\$18.65 \$38,790	615 A 16	PS None None
Materials Engineers 17-2131 Evaluate materials and develop machinery and processes to manufacture materials for use in products that must meet specialized design and performance specifications.	\$41.59 \$86,500	133 A 6	B None None
Mechanical Drafters 17-3013 Prepare detailed working diagrams of machinery and mechanical devices, including dimensions, fastening methods, and other engineering information.	\$25.10 \$52,210	332 D 4	A None None
Mechanical Engineering Technicians 17-3027 Apply theory and principles of mechanical engineering to modify, develop, test, or calibrate machinery and equipment under direction of engineering staff or physical scientists.	\$23.20 \$48,250	284 A 11	A None None
Mechanical Engineers 17-2141 Perform engineering duties in planning and designing tools, engines, machines, and other mechanically functioning equipment.	\$36.11 \$75,120	1,296 A 62	B None None
Medical and Clinical Laboratory Technicians 29-2012 Perform routine medical laboratory tests for the diagnosis, treatment, and prevention of disease. May work under the supervision of a medical technologist.	\$17.48 \$36,350	1,544 A 60	A None None
Medical and Clinical Laboratory Technologists 29-2011 Perform complex medical laboratory tests for diagnosis, treatment, and prevention of disease. May train or supervise staff.	\$24.22 \$50,390	1,111 A 41	B None None

Occupation	Earnings	Job Outlook	Education
Medical and Health Services Managers 11-9111 Plan, direct, or coordinate medical and health services in hospitals, clinics, managed care organizations, public health agencies, or similar organizations.	\$39.06 \$81,250	2,944 A 106	B -5 None
Medical Equipment Repairers 49-9062 Test, adjust, or repair biomedical or electromedical equipment.	\$17.56 \$36,520	328 A 9	A None MOJT
Medical Records and Health Information Technicians 29-2071 Compile, process, and maintain medical records of hospital and clinic patients in a manner consistent with medical, administrative, ethical, legal, and regulatory requirements of the health care system.	\$16.16 \$33,610	1,692 A 54	PS None None
Medical Scientists, Except Epidemiologists 19-1042 Conduct research dealing with the understanding of human diseases and the improvement of human health.	\$36.56 \$76,040	221 A 11	D None None
Medical Secretaries 43-6013 Perform secretarial duties using specific knowledge of medical terminology and hospital, clinic, or laboratory procedures.	\$14.33 \$29,800	2,926 A 78	HS None MOJT
Medical Transcriptionists 31-9094 Transcribe medical reports recorded by physicians and other healthcare practitioners using various electronic devices, covering office visits, emergency room visits, diagnostic imaging studies, operations, chart reviews, and final summaries.	\$14.39 \$29,920	643 BA 13	PS None None
Meeting, Convention, and Event Planners 13-1121 Coordinate activities of staff, convention personnel, or clients to make arrangements for group meetings, events, or conventions.	\$19.23 \$39,990	335 BA 7	B None None
Mental Health and Substance Abuse Social Workers 21-1023 Assess and treat individuals with mental, emotional, or substance abuse problems, including abuse of alcohol, tobacco, and/or other drugs.	\$18.28 \$38,030	735 A 31	B None None
Mental Health Counselors 21-1014 Counsel with emphasis on prevention. Work with individuals and groups to promote optimum mental and emotional health.	\$23.70 \$49,300	731 A 30	M None I/R
Metal-Refining Furnace Operators and Tenders 51-4051 Operate or tend furnaces, such as gas, oil, coal, electric-arc or electric induction, open-hearth, or oxygen furnaces, to melt and refine metal before casting or to produce specified types of steel.	\$20.93 \$43,530	251 A 14	HS None MOJT
Meter Readers, Utilities 43-5041 Read meter and record consumption of electricity, gas, water, or steam.	\$14.59 \$30,350	648 D 15	HS None SOJT
Microbiologists 19-1022 Investigate the growth, structure, development, and other characteristics of microscopic organisms, such as bacteria, algae, or fungi.	\$36.48 \$75,880	179 BA 4	B None None
Middle School Teachers, Except Special and Career/Technical Education 25-2022 Teach students in one or more subjects in public or private schools at the middle, intermediate, or junior high level, which falls between elementary and senior high school as defined by applicable laws and regulations.	N/A \$47,440	6,425 BA 158	B None I/R
Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic 51-4035 Set up, operate, or tend milling or planing machines to mill, plane, shape, groove, or profile metal or plastic work pieces.	\$18.99 \$39,490	235 BA 5	HS None MOJT
Molders, Shapers, and Casters, Except Metal and Plastic 51-9195 Mold, shape, form, cast, or carve products such as food products, figurines, tile, pipes, and candles consisting of clay, glass, plaster, concrete, stone, or combinations of materials.	\$12.90 \$26,840	251 A 12	HS None LOJT
Morticians, Undertakers, and Funeral Directors 39-4031 Perform various tasks to arrange and direct funeral services, such as coordinating transportation of body to mortuary, interviewing family or other authorized person to arrange details, selecting pallbearers, aiding with the selection of officials for religious rites, and providing transportation for mourners.	\$20.53 \$42,690	365 A 14	A None LOJT
Multimedia Artists and Animators 27-1014 Create special effects, animation, or other visual images using film, video, computers, or other electronic tools and media for use in products or creations, such as computer games, movies, music videos, and commercials.	\$18.75 \$39,000	75 BA 2	B None MOJT
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic 51-4081 Set up, operate, or tend more than one type of cutting or forming machine tool or robot.	\$17.08 \$35,520	1,412 D 26	HS None MOJT

Occupation	Earnings	Job Outlook	Education
Museum Technicians and Conservators 25-4013 Restore, maintain, or prepare objects in museum collections for storage, research, or exhibit.	\$14.33 \$29,800	110 A 5	B None None
Network and Computer Systems Administrators 15-1142 Install, configure, and support an organization's local area network (LAN), wide area network (WAN), and Internet systems or a segment of a network system.	\$32.23 \$67,030	2,664 A 78	B None None
New Accounts Clerks 43-4141 Interview persons desiring to open accounts in financial institutions. Explain account services available to prospective customers and assist them in preparing applications.	\$14.61 \$30,390	650 D 16	HS None MOJT
Nonfarm Animal Caretakers 39-2021 Feed, water, groom, bathe, exercise, or otherwise care for pets and other nonfarm animals, such as dogs, cats, ornamental fish or birds, zoo animals, and mice.	\$9.79 \$20,370	1,744 A 64	HS None SOJT
Nuclear Medicine Technologists 29-2033 Prepare, administer, and measure radioactive isotopes in therapeutic, diagnostic, and tracer studies using a variety of radioisotope equipment.	\$33.07 \$68,780	146 BA 2	A None None
Nursing Assistants 31-1014 Provide basic patient care under direction of nursing staff. Perform duties such as feed, bathe, dress, groom, or move patients, or change linens.	\$10.61 \$22,070	17,981 BA 430	PS None None
Obstetricians and Gynecologists 29-1064 Physicians who provide medical care related to pregnancy or childbirth and those who diagnose, treat, and help prevent diseases of women, particularly those affecting the reproductive system.	\$115.84 \$240,950	184 A 8	D None I/R
Occupational Health and Safety Specialists 29-9011 Review, evaluate, and analyze work environments and design programs and procedures to control, eliminate, and prevent disease or injury caused by chemical, physical, and biological agents or ergonomic factors.	\$28.76 \$59,820	618 BA 16	B None None
Occupational Therapists 29-1122 Assess, plan, organize, and participate in rehabilitative programs that help build or restore vocational, homemaking, and daily living skills, as well as general independence, to persons with disabilities or developmental delays.	\$39.71 \$82,600	1,009 A 37	M None None
Occupational Therapy Aides 31-2012 Under close supervision of an occupational therapist or occupational therapy assistant, perform only delegated, selected, or routine tasks in specific situations.	\$15.39 \$32,010	66 A 4	HS None SOJT
Occupational Therapy Assistants 31-2011 Assist occupational therapists in providing occupational therapy treatments and procedures. May, in accordance with State laws, assist in development of treatment plans, carry out routine functions, direct activity programs, and document the progress of treatments.	\$31.41 \$65,340	291 AA 20	A None None
Operating Engineers and Other Construction Equipment Operators 47-2073 Operate one or several types of power construction equipment, such as motor graders, bulldozers, scrapers, compressors, pumps, derricks, shovels, tractors, or front-end loaders to excavate, move, and grade earth, erect structures, or pour concrete or other hard surface pavement.	\$16.86 \$35,070	4,095 BA 88	HS None MOJT
Operations Research Analysts 15-2031 Formulate and apply mathematical modeling and other optimizing methods to develop and interpret information that assists management with decision making, policy formulation, or other managerial functions.	\$31.31 \$65,120	439 AA 26	B None None
Ophthalmic Laboratory Technicians 51-9083 Cut, grind, and polish eyeglasses, contact lenses, or other precision optical elements. Assemble and mount lenses into frames or process other optical elements.	\$14.54 \$30,240	423 A 17	HS None MOJT
Opticians, Dispensing 29-2081 Design, measure, fit, and adapt lenses and frames for client according to written optical prescription or specification. Assist client with inserting, removing, and caring for contact lenses. Assist client with selecting frames.	\$16.57 \$34,470	467 A 24	HS None LOJT
Optometrists 29-1041 Diagnose, manage, and treat conditions and diseases of the human eye and visual system. Examine eyes and visual system, diagnose problems or impairments, prescribe corrective lenses, and provide treatment.	\$56.61 \$117,750	391 A 21	D None None
Oral and Maxillofacial Surgeons 29-1022 Perform surgery and related procedures on the hard and soft tissues of the oral and maxillofacial regions to treat diseases, injuries, or defects. May diagnose problems of the oral and maxillofacial regions. May perform surgery to improve function or appearance.	\$117.83 \$245,090	103 BA 3	D None I/R
Order Clerks 43-4151 Receive and process incoming orders for materials, merchandise, classified ads, or services such as repairs, installations, or rental of facilities. Generally receives orders via mail, phone, fax, or other electronic means.	\$14.61 \$30,390	1,154 A 43	HS None SOJT

Occupation	Earnings	Job Outlook	Education
Packaging and Filling Machine Operators and Tenders 51-9111 Operate or tend machines to prepare industrial or consumer products for storage or shipment.	\$13.52 \$28,110	4,409 A 214	HS None MOJT
Painters, Construction and Maintenance 47-2141 Paint walls, equipment, buildings, bridges, and other structural surfaces, using brushes, rollers, and spray guns.	\$15.96 \$33,190	1,861 AA 88	NFE None MOJT
Painters, Transportation Equipment 51-9122 Operate or tend painting machines to paint surfaces of transportation equipment, such as automobiles, buses, trucks, trains, boats, and airplanes.	\$17.16 \$35,680	863 AA 46	HS None MOJT
Paper Goods Machine Setters, Operators, and Tenders 51-9196 Set up, operate, or tend paper goods machines that perform a variety of functions, such as converting, sawing, corrugating, banding, wrapping, boxing, stitching, forming, or sealing paper or paperboard sheets into products.	\$20.18 \$41,970	1,822 D 32	HS None MOJT
Paralegals and Legal Assistants 23-2011 Assist lawyers by investigating facts, preparing legal documents, or researching legal precedent. Conduct research to support a legal proceeding, to formulate a defense, or to initiate legal action.	\$18.86 \$39,220	1,382 A 49	A None None
Pharmacists 29-1051 Dispense drugs prescribed by physicians and other health practitioners and provide information to patients about medications and their use.	\$55.75 \$115,960	2,975 A 95	D None None
Pharmacy Technicians 29-2052 Prepare medications under the direction of a pharmacist. May measure, mix, count out, label, and record amounts and dosages of medications according to prescription orders.	\$13.79 \$28,680	3,492 A 100	HS None MOJT
Photographers 27-4021 Photograph people, landscapes, merchandise, or other subjects, using digital or film cameras and equipment. May develop negatives or use computer software to produce finished images and prints.	\$13.80 \$28,710	1,036 BA 33	HS None LOJT
Physical Therapists 29-1123 Assess, plan, organize, and participate in rehabilitative programs that improve mobility, relieve pain, increase strength, and improve or correct disabling conditions resulting from disease or injury.	\$35.17 \$73,150	1,826 AA 93	D None None
Physician Assistants 29-1071 Provide healthcare services typically performed by a physician, under the supervision of a physician.	\$35.04 \$72,880	313 AA 16	M None None
Pipelayers 47-2151 Lay pipe for storm or sanitation sewers, drains, and water mains. Perform any combination of the following tasks: grade trenches or culverts, position pipe, or seal joints.	\$15.57 \$32,380	432 BA 8	NFE None SOJT
Plasterers and Stucco Masons 47-2161 Apply interior or exterior plaster, cement, stucco, or similar materials.	\$17.38 \$36,140	60 AA 2	NFE None LOJT
Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic 51-4193 Set up, operate, or tend plating or coating machines to coat metal or plastic products with chromium, zinc, copper, cadmium, nickel, or other metal to protect or decorate surfaces.	\$14.13 \$29,390	466 D 12	HS None MOJT
Plumbers, Pipefitters, and Steamfitters 47-2152 Assemble, install, alter, and repair pipelines or pipe systems that carry water, steam, air, or other liquids or gases.	\$17.51 \$36,430	3,642 A 126	HS None App
Podiatrists 29-1081 Diagnose and treat diseases and deformities of the human foot.	\$70.09 \$145,780	54 A 2	D None I/R
Police and Sheriff's Patrol Officers 33-3051 Maintain order and protect life and property by enforcing local, tribal, State, or Federal laws and ordinances.	\$17.95 \$37,330	5,726 A 242	HS None MOJT
Police, Fire, and Ambulance Dispatchers 43-5031 Operate radio, telephone, or computer equipment at emergency response centers. Receive reports from the public of crimes, disturbances, fires, and medical or police emergencies.	\$12.94 \$26,920	1,277 BA 33	HS None MOJT
Postal Service Clerks 43-5051 Perform any combination of tasks in a post office, such as receive letters and parcels; sell postage and revenue stamps, postal cards, and stamped envelopes; fill out and sell money orders; place mail in pigeon holes of mail rack or in bags; and examine mail for correct postage.	\$20.86 \$43,400	965 BA 20	HS None SOJT
Postal Service Mail Carriers 43-5052 Sort mail for delivery. Deliver mail on established route by vehicle or on foot.	\$24.08 \$50,080	2,899 BA 83	HS None SOJT

Occupation	Earnings	Job Outlook	Education
Postmasters and Mail Superintendents 11-9131 Plan, direct, or coordinate operational, administrative, management, and supportive services of a U.S. post office; or coordinate activities of workers engaged in postal and related work in assigned post office.	\$33.34 \$69,340	313 BA 8	HS -5 MOJT
Power Plant Operators 51-8013 Control, operate, or maintain machinery to generate electric power. Includes auxiliary equipment operators.	\$36.26 \$75,420	391 D 15	HS None LOJT
Prepress Technicians and Workers 51-5111 Format and proof text and images submitted by designers and clients into finished pages that can be printed. Includes digital and photo typesetting.	\$16.58 \$34,490	316 D 5	PS None None
Preschool Teachers, Except Special Education 25-2011 Instruct preschool-aged children in activities designed to promote social, physical, and intellectual growth needed for primary school in preschool, day care center, or other child development facility. May be required to hold State certification.	\$14.58 \$30,330	2,371 A 99	A None None
Pressers, Textile, Garment, and Related Materials 51-6021 Press or shape articles by hand or machine.	\$8.93 \$18,570	491 D 12	NFE None SOJT
Private Detectives and Investigators 33-9021 Gather, analyze, compile and report information regarding individuals or organizations to clients, or detect occurrences of unlawful acts or infractions of rules in private establishment.	\$24.07 \$50,050	198 A 9	HS -5 MOJT
Probation Officers and Correctional Treatment Specialists 21-1092 Provide social services to assist in rehabilitation of law offenders in custody or on probation or parole.	\$18.06 \$37,560	987 A 28	B None SOJT
Procurement Clerks 43-3061 Compile information and records to draw up purchase orders for procurement of materials and services.	\$19.70 \$40,970	635 BA 21	HS None MOJT
Production, Planning, and Expediting Clerks 43-5061 Coordinate and expedite the flow of work and materials within or between departments of an establishment according to production schedule.	\$19.06 \$39,650	2,314 A 104	HS None MOJT
Property, Real Estate, and Community Association Managers 11-9141 Plan, direct, or coordinate the selling, buying, leasing, or governance activities of commercial, industrial, or residential real estate properties.	\$20.43 \$42,490	2,969 A 92	HS -5 None
Psychiatric Technicians 29-2053 Care for individuals with mental or emotional conditions or disabilities, following the instructions of physicians or other health practitioners.	\$12.41 \$25,810	630 BA 9	PS -5 SOJT
Psychiatrists 29-1066 Physicians who diagnose, treat, and help prevent disorders of the mind.	\$50.74 \$105,540	383 A 17	D None I/R
Public Relations and Fundraising Managers 11-2031 Plan, direct, or coordinate activities designed to create or maintain a favorable public image or raise issue awareness for their organization or client; or if engaged in fundraising, plan, direct, or coordinate activities to solicit and maintain funds for special projects or nonprofit organizations.	\$41.15 \$85,590	310 A 14	B 5+ None
Public Relations Specialists 27-3031 Engage in promoting or creating an intended public image for individuals, groups, or organizations. May write or select material for release to various communications media.	\$22.88 \$47,590	1,193 A 28	B None None
Pump Operators, Except Wellhead Pumpers 53-7072 Tend, control, or operate power-driven, stationary, or portable pumps and manifold systems to transfer gases, oil, other liquids, slurries, or powdered materials to and from various vessels and processes.	\$25.90 \$53,870	54 D 2	HS None MOJT
Purchasing Agents, Except Wholesale, Retail, and Farm Products 13-1023 Purchase machinery, equipment, tools, parts, supplies, or services necessary for the operation of an establishment. Purchase raw or semi-finished materials for manufacturing.	\$25.42 \$52,880	1,639 BA 60	B None LOJT
Radiation Therapists 29-1124 Provide radiation therapy to patients as prescribed by a radiologist according to established practices and standards.	\$36.33 \$75,570	202 A 8	A None None
Radiologic Technologists 29-2034 Take x rays and CAT scans or administer nonradioactive materials into patient's blood stream for diagnostic purposes. Includes technologists who specialize in other scanning modalities.	\$23.02 \$47,870	1,782 BA 42	A None None

Occupation	Earnings	Job Outlook	Education
Real Estate Brokers 41-9021 Operate real estate office, or work for commercial real estate firm, overseeing real estate transactions.	\$28.52 \$59,320	148 A 4	HS -5 None
Real Estate Sales Agents 41-9022 Rent, buy, or sell property for clients. Perform duties, such as study property listings, interview prospective clients, accompany clients to property site, discuss conditions of sale, and draw up real estate contracts.	\$16.96 \$35,270	2,127 A 64	HS None MOJT
Recreation Workers 39-9032 Conduct recreation activities with groups in public, private, or volunteer agencies or recreation facilities.	\$10.84 \$22,550	1,471 BA 34	HS None SOJT
Recreational Therapists 29-1125 Plan, direct, or coordinate medically-approved recreation programs for patients in hospitals, nursing homes, or other institutions.	\$22.65 \$47,110	115 BA 2	B None None
Refuse and Recyclable Material Collectors 53-7081 Collect and dump refuse or recyclable materials from containers into truck. May drive truck.	\$12.52 \$26,050	1,700 A 69	NFE None SOJT
Rehabilitation Counselors 21-1015 Counsel individuals to maximize the independence and employability of persons coping with personal, social, and vocational difficulties that result from birth defects, illness, disease, accidents, or the stress of daily life.	\$18.84 \$39,200	321 A 10	M None None
Reinforcing Iron and Rebar Workers 47-2171 Position and secure steel bars or mesh in concrete forms in order to reinforce concrete.	N/A N/A	97 AA 4	HS None App
Reporters and Correspondents 27-3022 Collect and analyze facts about newsworthy events by interview, investigation, or observation. Report and write stories for newspaper, news magazine, radio, or television.	\$14.92 \$31,020	416 D 14	B None None
Reservation and Transportation Ticket Agents and Travel Clerks 43-4181 Make and confirm reservations for transportation or lodging, or sell transportation tickets.	\$16.05 \$33,380	708 D 10	HS None SOJT
Respiratory Therapists 29-1126 Assess, treat, and care for patients with breathing disorders.	\$24.05 \$50,020	1,047 BA 30	A None None
Respiratory Therapy Technicians 29-2054 Provide respiratory care under the direction of respiratory therapists and physicians.	\$19.78 \$41,140	262 D 2	A None None
Retail Salespersons 41-2031 Sell merchandise, such as furniture, motor vehicles, appliances, or apparel to consumers.	\$11.72 \$24,380	39,620 AA 2,495	NFE None SOJT
Roofers 47-2181 Cover roofs of structures with shingles, slate, asphalt, aluminum, wood, or related materials.	\$15.48 \$32,200	762 A 26	NFE None MOJT
Sales Managers 11-2022 Plan, direct, or coordinate the actual distribution or movement of a product or service to the customer. Coordinate sales distribution by establishing sales territories, quotas, and goals and establish training programs for sales representatives.	\$54.85 \$114,090	3,388 A 153	B -5 None
Secondary School Teachers, Except Special and Career/Technical Education 25-2031 Teach students in one or more subjects, such as English, mathematics, or social studies at the secondary level in public or private schools. May be designated according to subject matter specialty.	N/A \$48,600	9,487 BA 256	B None I/R
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive 43-6014 Perform routine clerical and administrative functions such as drafting correspondence, scheduling appointments, organizing and maintaining paper and electronic files, or providing information to callers.	\$13.88 \$28,880	21,472 BA 414	HS None SOJT
Securities, Commodities, and Financial Services Sales Agents 41-3031 Buy and sell securities or commodities in investment and trading firms, or provide financial services to businesses and individuals.	\$36.46 \$75,830	1,257 BA 36	B None MOJT
Security and Fire Alarm Systems Installers 49-2098 Install, program, maintain, or repair security or fire alarm wiring and equipment. Ensure that work is in accordance with relevant codes.	\$15.69 \$32,640	496 AA 24	HS None MOJT
Security Guards 33-9032 Guard, patrol, or monitor premises to prevent theft, violence, or infractions of rules. May operate x-ray and metal detector equipment.	\$12.06 \$25,070	5,817 A 158	HS None SOJT

Occupation	Earnings	Job Outlook	Education
Shipping, Receiving, and Traffic Clerks 43-5071 Verify and maintain records on incoming and outgoing shipments. Prepare items for shipment.	\$14.39 \$29,940	4,400 A 134	HS None SOJT
Skincare Specialists 39-5094 Provide skincare treatments to face and body to enhance an individual's appearance.	\$21.21 \$44,110	136 A 3	PS None None
Slaughterers and Meat Packers 51-3023 Work in slaughtering, meat packing, or wholesale establishments performing precision functions involving the preparation of meat.	\$11.13 \$23,160	1,599 A 63	NFE None SOJT
Social and Community Service Managers 11-9151 Plan, direct, or coordinate the activities of a social service program or community outreach organization.	\$24.69 \$51,350	1,284 A 55	B 5+ None
Software Developers, Applications 15-1132 Develop, create, and modify general computer applications software or specialized utility programs.	\$39.28 \$81,710	2,149 AA 102	B None None
Soil and Plant Scientists 19-1013 Conduct research in breeding, physiology, production, yield, and management of crops and agricultural plants or trees, shrubs, and nursery stock, their growth in soils, and control of pests; or study the chemical, physical, biological, and mineralogical composition of soils as they relate to plant or crop growth.	\$36.17 \$75,230	125 A 6	B None None
Special Education Teachers, Secondary School 25-2054 Teach secondary school subjects to educationally and physically handicapped students.	N/A \$50,060	1,383 BA 28	B None I/R
Stock Clerks and Order Fillers 43-5081 Receive, store, and issue sales floor merchandise, materials, equipment, and other items from stockroom, warehouse, or storage yard to fill shelves, racks, tables, or customers' orders.	\$11.08 \$23,040	16,539 A 802	NFE None SOJT
Stonemasons 47-2022 Build stone structures, such as piers, walls, and abutments. Lay walks, curbstones, or special types of masonry for vats, tanks, and floors.	\$18.57 \$38,630	58 AA 2	HS None App
Structural Iron and Steel Workers 47-2221 Raise, place, and unite iron or steel girders, columns, and other structural members to form completed structures or structural frameworks.	\$19.62 \$40,810	843 A 32	HS None App
Structural Metal Fabricators and Fitters 51-2041 Fabricate, position, align, and fit parts of structural metal products.	\$15.91 \$33,090	982 A 33	HS None MOJT
Substance Abuse and Behavioral Disorder Counselors 21-1011 Counsel and advise individuals with alcohol, tobacco, drug, or other problems, such as gambling and eating disorders. May counsel individuals, families, or groups or engage in prevention programs.	\$18.55 \$38,570	559 A 21	B None None
Surgical Technologists 29-2055 Assist in operations, under the supervision of surgeons, registered nurses, or other surgical personnel.	\$19.23 \$40,010	864 A 17	PS None None
Survey Researchers 19-3022 Plan, develop, or conduct surveys. May analyze and interpret the meaning of survey data, determine survey objectives, or suggest or test question wording.	\$28.12 \$58,480	44 AA 2	M None None
Surveying and Mapping Technicians 17-3031 Perform surveying and mapping duties, usually under the direction of an engineer, surveyor, cartographer, or photogrammetrist to obtain data used for construction, mapmaking, boundary location, mining, or other purposes.	\$18.68 \$38,850	460 D 6	HS None MOJT
Surveyors 17-1022 Make exact measurements and determine property boundaries.	\$21.78 \$45,300	465 D 14	B -5 None
Tax Examiners and Collectors, and Revenue Agents 13-2081 Determine tax liability or collect taxes from individuals or business firms according to prescribed laws and regulations.	\$24.08 \$50,090	648 BA 28	B None MOJT
Tax Preparers 13-2082 Prepare tax returns for individuals or small businesses.	\$10.74 \$22,340	945 A 32	HS None MOJT
Technical Writers 27-3042 Write technical materials, such as equipment manuals, appendices, or operating and maintenance instructions. May assist in layout work.	\$23.14 \$48,130	186 A 6	B -5 SOJT

Occupation	Earnings	Job Outlook	Education
Telecommunications Line Installers and Repairers 49-9052 Install and repair telecommunications cable, including fiber optics.	\$23.28 \$48,420	809 D 15	HS None LOJT
Telemarketers 41-9041 Solicit donations or orders for goods or services over the telephone.	\$9.73 \$20,230	1,760 A 62	NFE None SOJT
Tellers 43-3071 Receive and pay out money. Keep records of money and negotiable instruments involved in a financial institution's various transactions.	\$11.58 \$24,080	6,371 D 280	HS None SOJT
Textile Cutting Machine Setters, Operators, and Tenders 51-6062 Set up, operate, or tend machines that cut textiles.	\$11.30 \$23,500	115 D 2	HS None MOJT
Tile and Marble Setters 47-2044 Apply hard tile, marble, and wood tile to walls, floors, ceilings, and roof decks.	\$14.05 \$29,210	196 AA 8	NFE None LOJT
Tire Repairers and Changers 49-3093 Repair and replace tires.	\$11.36 \$23,630	1,057 BA 46	HS None SOJT
Title Examiners, Abstractors, and Searchers 23-2093 Search real estate records, examine titles, or summarize pertinent legal or insurance documents or details for a variety of purposes.	\$17.46 \$36,320	676 BA 14	HS None SOJT
Training and Development Specialists 13-1151 Design and conduct training and development programs to improve individual and organizational performance.	\$24.77 \$51,520	1,615 A 68	B -5 None
Transportation Security Screeners 33-9093 Conduct screening of passengers, baggage, or cargo to ensure compliance with Transportation Security Administration (TSA) regulations.	N/A N/A	192 D 2	HS None SOJT
Transportation, Storage, and Distribution Managers 11-3071 Plan, direct, or coordinate transportation, storage, or distribution activities in accordance with organizational policies and applicable government laws or regulations.	\$47.86 \$99,550	1,826 A 62	HS 5+ None
Upholsterers 51-6093 Make, repair, or replace upholstery for household furniture or transportation vehicles.	\$17.05 \$35,460	822 D 20	HS None MOJT
Urban and Regional Planners 19-3051 Develop comprehensive plans and programs for use of land and physical facilities of jurisdictions, such as towns, cities, counties, and metropolitan areas.	\$22.52 \$46,840	117 A 4	M None None
Veterinarians 29-1131 Diagnose, treat, or research diseases and injuries of animals. Includes veterinarians who conduct research and development, inspect livestock, or care for pets and companion animals.	\$40.74 \$84,730	590 A 19	D None None
Veterinary Assistants and Laboratory Animal Caretakers 31-9096 Feed, water, and examine pets and other nonfarm animals for signs of illness, disease, or injury in laboratories and animal hospitals and clinics. Clean and disinfect cages and work areas, and sterilize laboratory and surgical equipment.	\$10.58 \$22,000	776 AA 35	HS None SOJT
Veterinary Technologists and Technicians 29-2056 Perform medical tests in a laboratory environment for use in the treatment and diagnosis of diseases in animals. Prepare vaccines and serums for prevention of diseases.	\$12.68 \$26,380	257 AA 11	A None None
Web Developers 15-1134 Design, create, and modify Web sites. Analyze user needs to implement Web site content, graphics, performance, and capacity.	\$27.10 \$56,380	577 AA 24	A None None
Weighers, Measurers, Checkers, and Samplers, Recordkeeping 43-5111 Weigh, measure, and check materials, supplies, and equipment for the purpose of keeping relevant records. Duties are primarily clerical by nature.	\$12.76 \$26,550	1,041 A 37	HS None SOJT
Welders, Cutters, Solderers, and Brazers 51-4121 Use hand-welding, flame-cutting, hand soldering, or brazing equipment to weld or join metal components or to fill holes, indentations, or seams of fabricated metal products.	\$17.52 \$36,430	4,604 BA 167	HS None MOJT
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders 51-4122 Set up, operate, or tend welding, soldering, or brazing machines or robots that weld, braze, solder, or heat treat metal products, components, or assemblies. Includes workers who operate laser cutters or laser-beam machines.	\$17.17 \$35,720	1,608 AA 181	HS None MOJT



The Road to College

Preparation for college begins in the 8th grade and continues throughout high school.

8th
& 9th

Start thinking about career possibilities and exploring occupations that meet your interests and skills.

Study hard and earn good grades to prepare academically for college.

Become involved in extra curricular activities that interest you.

Look for summer jobs or volunteer work that will expand your experience and skills.

10th

Research possible colleges and universities that match your career goals.

Prepare for standardized testing by taking the PSAT.

Visit with your school guidance counselor to discuss your course selection to make sure it meets college entrance requirements.

11th

Request information from colleges you are interested in attending. Find out admission requirements, degrees and majors offered, financial aid, scholarships, and student housing information.

Plan a campus visit and attend local college fairs.

Take the SAT or ACT.

12th

Apply to your top college choices; keep track of the admissions deadlines.

Complete the Free Application for Federal Student Aid to see if you qualify for financial aid, scholarships, and grants after January 1 of your senior year.

Complete Arkansas' online YOUiversal application between January 1 and June 1 to apply for state scholarships and grants.

Attend spring or summer orientation programs for incoming college freshmen.

Education Pays

Continuing your education after high school pays off.

College graduates with a Bachelor's degree earn \$459 more a week than a high school graduate.

*Note: Data are for persons age 25 and over. Earnings are for full-time wage and salary workers.
Source: Current Population Survey, U.S. Department of Labor, U.S. Bureau of Labor Statistics, March 2016*



\$493
Less than HS



\$678
HS diploma



\$738
Some college



\$798
Associates degree



\$1,137
Bachelor's degree



\$1,341
Master's degree



\$1,730
Professional degree



\$1,623
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A Lifestyle Budget Calculator

Real-Life Arkansas

After High School you will need to work to pay for housing, transportation, clothes... Find out how much money you will need and which occupations will pay for all your needs.



Option #1: The whole nine yards

Pick your city, then decide what you want to spend on housing, transportation, food, entertainment, and everything in between.

We'll tell you what jobs will feed your appetite and how to get them.



Option #2: Show me the money

Tell us what you want your yearly salary to be and we'll tell you which jobs will pay that much.

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Applied Mathematics
Locating Information

Students, for more information see your teacher/counselor. Adults, contact ADWS at 1-855-225-4440 or your local Workforce Center. Or go to: dws.arkansas.gov/Programs/CRC/ to learn more about the CRC





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North Central Arkansas

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870.793.4156

Eastern Arkansas

300 Eldridge Rd.
Suite #2
Forrest City, AR 72335
870.633.2900

2000 W. Broadway
West Memphis, AR 72301
870.400.2269

Western Arkansas

616 Garrison Ave.
Room 101
Fort Smith, AR 72901
479.783.0231

Southwest Arkansas

237 Jackson St. SW
Camden, AR 71701
870.836.5024

205 Smith Road, Suite A
Hope, AR 71801
870.777.3421

523 E. Sixth Street
El Dorado, AR 71730
870.862.6456

Southeast Arkansas

1001 S. Tennessee
Pine Bluff, AR 71601
870.534.1920

Northwest Arkansas

2143 W. Martin Luther King Blvd.
Fayetteville, AR 72701
479.521.5730

818 Hwy 62-65
NWAEDD Plaza
Harrison, AR 72601
870.741.8236

1058 Highland Circle
Suite 20
Mountain Home, AR 72653
870.425.2386

100 North Dixieland Road
Rogers, AR 72756
479.636.4755

City of Little Rock

5401 S. University Ave.
Little Rock, AR 72209
501.682.7719

West Central Arkansas

2254 Albert Pike
Suite A
Hot Springs, AR 71913
501.525.3450

1725 E. Sullenberger
Malvern, AR 72104
501.332.5461

104 South Rochester
Russellville, AR 72801
479.968.2784

Northeast Arkansas

2311 E. Nettleton
Jonesboro, AR 72401
870.935.5594

Central Arkansas

1500 N. Museum Rd.
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High School Players - 541,054
Will Play in College - 3.4%
Will be Drafted by NBA out of college - 1.2%



Baseball

High School Players - 482,629
Will Play in College - 6.9%
Will be Drafted by MLB out of college - 8.6%



Football

High School Players - 1,093,234
Will Play in College - 6.5%
Will be Drafted by NFL out of college - 1.6%



Women's Basketball

High School Players - 433,344
Will Play in College - 3.8%
Will be Drafted by WNBA out of college - .09%

Source: NCAA.org

HAVE A BACK-UP PLAN.

THERE ARE SEVERAL OCCUPATIONS THAT
WILL KEEP YOU IN THE GAME.

Coaches and Scouts • Reporters and Correspondents
Public Relations Specialists • Photographers
Athletic Trainers • Physical Therapists

Find these and other occupations at www.discover.arkansas.gov

There's never been
a **better time**
to go to college
or an **easier way**
to apply for financial aid



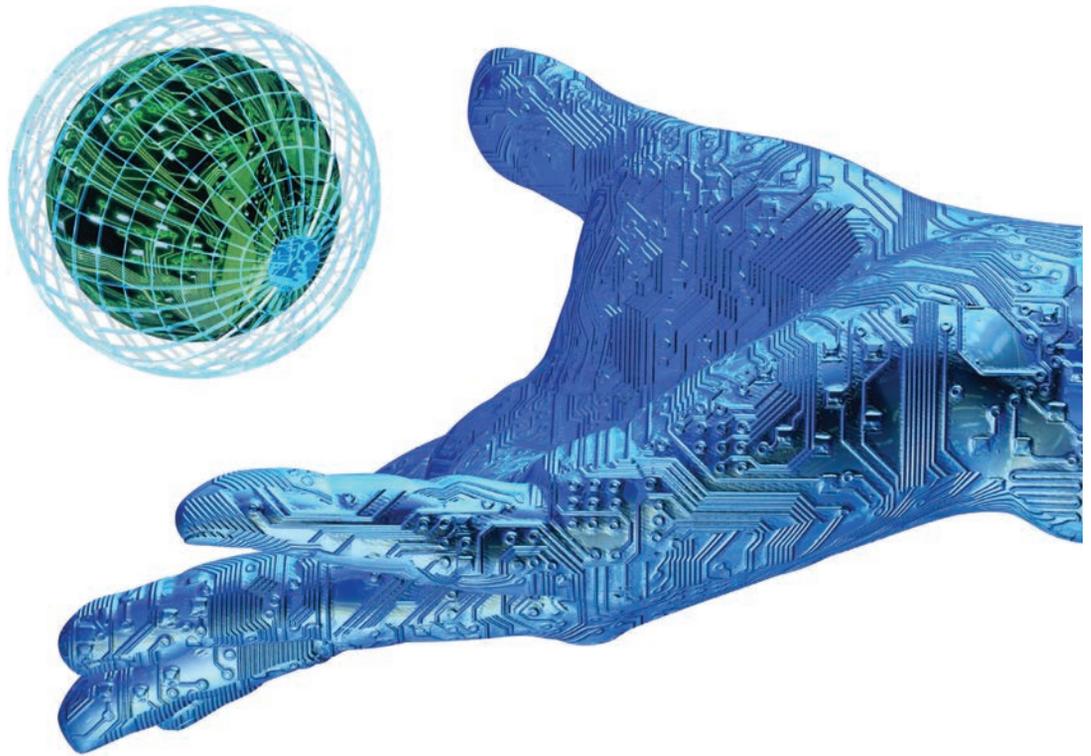
Did you know the Arkansas Department of Higher Education awards approximately \$130 million in grants and scholarships to students at Arkansas colleges and universities enrolled in programs for future welders, computer programmers, accountants, nurses, and hundreds of other fields? There may be financial aid for you but you won't know if you don't apply.

Take the first step and visit scholarships.adhe.edu for information about our programs or to complete the YOUiversal application. The eligibility requirements and rules governing programs administered by ADHE are subject to legislative and regulatory amendments. You may e-mail the Financial Aid Division at finaid@adhe.edu for additional information.

- Application period is from January 1 to June 1 for upcoming academic year
- Must complete FAFSA as well as YOUiversal scholarship application
- Download free YOUiversal app for any smart phone



Reach Out and Touch the Future. Become a Teacher.



Wearable technology, GPS and 3-D printing were all just ideas not long ago. Where will the future take us?

No one can predict the future, but we do know the inventors and pioneers of tomorrow will need teachers to give them a strong academic foundation. They will need teachers to motivate and inspire them to look toward the horizon of tomorrow.

If you want to impact Arkansas' future, consider a career as an Arkansas public school teacher.

The most urgent staffing needs are in the following areas:

- Art
- Drama/Speech
- Foreign Language
- Family & Consumer Science
- Gifted and Talented
- Library Media Specialist
- Mathematics
- Special Education

Make plans now to pursue a career full of promise, possibilities, and potential!



**ARKANSAS
DEPARTMENT
OF EDUCATION**

www.arkansased.gov

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GET SKILLED. CERTIFIED. A JOB.



"My Microsoft IT Academy changed my life! The training and certification made it much easier to get interviews and get a better job!"

Microsoft *IT Academy Program*

- Get an edge in the job market.
- Broaden your employment opportunities.
- Increase your earning potential.

✓ **Word** ✓ **PowerPoint**
✓ **Excel** ✓ **Much More!**

There's an increasing need for employees highly skilled and certified in Microsoft technologies.

- More than 50% of today's jobs require some degree of technology skills.¹
- 91% of hiring managers consider employee certification as a requirement for hiring.¹
- 81% of hiring managers believe certified individuals perform better than non-certified peers.¹

WHAT ARE YOU WAITING FOR?

Ask your teacher or guidance counselor how you can enroll in Microsoft IT Academy, or contact your local Arkansas Workforce Center!

Microsoft IT Academy training and certification are FREE!

1-855-225-4440
www.ARJobLink.com

A proud partner of the
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network

Equal Opportunity Employers/Programs

¹ US Bureau of Labor Statistics

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WORKFORCE
CENTERS
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BE **PRO**ACTIVE.

Are you ready to take a different path to success?

If you think you're ready to use your passion and talent to start shaping your future, then it's time to take a look at a skilled profession. It's more than just finding a high-wage, stable career – it's finding the sense of pride that comes from building something bigger than yourself.

Find out how at BeProBeProud.org

BE PRO BE PROUD

BEPROBEPROUD.ORG

POCKET RESUME

The pocket guide for job applications and interviews

Skills and Abilities

Fold Here

Skills and Abilities

Fold Here

PREPARATION

- Fill in Pocket Resume.
- Learn something about the company.
- Have specific job or jobs in mind.
- Review your qualifications for the job.
- Be prepared to answer broad questions.

APPEARANCE

- Well groomed.
- Suitably dressed.
- Make-up in good taste.

INTERVIEW

- Be prompt.
- Answer questions directly and truthfully.
- Be well mannered.
- Use proper grammar and good diction.
- Be enthusiastic and cooperative.
- Don't be afraid to ask questions.



Arkansas Department of Workforce Services www.dws.arkansas.gov

Fold Here

DWS OCT 16

Name	Relationship to you	Address	Phone Number

References: (not related to you and ask permission first)

Dates:(Mo./Yr.)	Name & Address of Employer	Position	Supervisor	Phone Number	Reason for Leaving

Prior Employment (Full- and Part-time Jobs)

Level Of Education	Name & Location Of School	From:(Mo./Yr.)	To:(Mo./Yr.)	Courses/Subject Of Study	Year Grad.
High School					
College					
Vocational					
Other Education Opportunities					

Education

Explore
Your **Future** **Career**



Employment Statistics

Demographic Data

Business Listings

Wage & Salary Information

Education & Training

Skills, Knowledge & Abilities

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Your labor market information source!

Connect.

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Share.



Be Connected with Career Watch Arkansas

Discover:

Occupations
Resume and Interview Tips
Education and Career News
Arkansas Colleges and Universities



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Labor Market Information • Occupational Career
Information
P.O. Box 2981
Little Rock, AR 72203
501-682-3121



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