



# SAWDC ALABAMAWORKS!

## WORLDS OF OPPORTUNITY

A PROGRAM OF



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Dear Parent/Guardian(s): We all want what's best for our children. In this changing world, what worked for us may not be the best option for them. By attending SAWDC Worlds of Opportunity (WOO), students will have the opportunity to develop a clear understanding of career opportunities in our area. Also, they will gain knowledge on the necessary skills and education to compete for these positions.

You may be asking yourself, "Why in the world does my eighth-grader need to worry about that now?" Well, the choices your eighth-grader makes entering the ninth-grade will impact their career opportunities for a lifetime.

Southwest Alabama offers a growing array of high-wage and high-demand jobs. In today's job market, only twenty percent of the jobs require a four-year degree; while, sixty-five percent of the jobs require an Associate degree or advanced technical training. By considering options like dual enrollment; internships; and apprenticeships, students will have the opportunity to obtain high-paying jobs immediately out of high school without the burden of college debt.

The truth of the matter is no one knows your children as well as you do: their strengths, their weaknesses, their quirks, their ambitions. You are their absolute best resource, and their number one advocate.

Eighth grade students will have an opportunity to explore exciting career paths at this year's SAWDC Worlds of Opportunity (WOO) event. WOO will present real-world simulations of available career options. Each hands-on exhibit will be presented by top employers in our region. By attending WOO, students will learn how to begin building a meaningful career as they enter high school.

WOO for eighth grade students will be held on April 28-29 and May 5-6, 2021 virtually. Each school has received an event schedule.

We want you to have all the information you need to help your child begin making informed decisions. This booklet, published by SAWDC Alabama Works, not only outlines what it takes to succeed in a given field but also offers sample occupations, general education requirements and average salary ranges. Please review this booklet with your children, encourage them to ask questions, and seek additional support. Inside you will find information on:

- Aerospace & Aviation
- Computer & Information Technology
- Construction/Safety
- Energy
- Engineering & Design
- Healthcare
- Hospitality & Tourism
- Manufacturing
- Public Service
- Shipbuilding & Repair
- Transportation, Distribution & Logistics

To learn more, please visit [sawdcalabamaworks.com](http://sawdcalabamaworks.com).

Best regards,  
SAWDC AlabamaWorks Board of Directors

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# THANK YOU TO OUR SPONSORS

## PLATINUM SPONSORS



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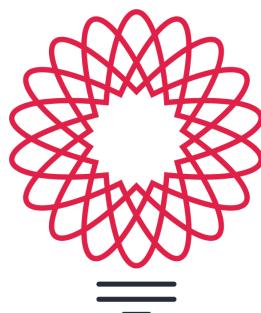
# SILVER SPONSORS



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# SPECIAL THANKS TO



SAWDC would like to express our special thanks to IDEAS Brand & Experience Design in the creation and development of our 2021 Worlds of Opportunity interactive mobile app, which without our event would not be possible.

IDEAS BRAND & EXPERIENCE DESIGN  
530 Geneva Place | Orlando, FL 32828  
[www.ideasorlando.com](http://www.ideasorlando.com)

# AEROSPACE & AVIATION

**Do you like to draw?**

**Do you like working with your hands and tools?**

**Do you like math and science?**

**Look around you...**

Planes and helicopters are used to transport people and products around the world. People working in the aerospace industry make this possible. Alabama has plenty of opportunities for highly-skilled, hard-working people who are interested in designing, building and working on aircraft.

**What It Takes:**

- An interest in science, math, and technical concepts
- Strong math and science skills
- Following directions
- Attention to detail
- Working on a team
- Problem solving

## COOL CAREER AVIONICS MECHANIC

The avionic mechanic performs maintenance on tactical-communications-security, communication, navigation and flight control equipment. Duties performed may include: perform maintenance checks on aircraft flight controls, stabilization systems, avionics and controlled cryptographic equipment; maintain common/special tools and equipment; troubleshoot equipment and diagnose repairs and maintain shop and bench stock for aircraft avionics equipment.

## High-Wage, High-Demand Careers in Aerospace & Aviation

### Occupation:

Aerospace Engineer  
Structural Engineer  
Manufacturing Engineer  
Quality Engineer  
Business Unit Leader  
Technical Customer Service  
A&P Mechanic  
Avionics Mechanic  
Non-Destructive Testin  
Production Machine Operator  
Sheet Metal/Fabricator  
Assembler  
Inspector  
Material Handler

\*OJT = On-the-Job Training

### Education Required:

Engineering Degree  
Engineering Degree  
Engineering Degree  
Engineering Degree  
Bachelor's Degree  
Post Secondary Education  
On-The Job Training/Technical Training  
On-The Job Training  
On-The Job Training  
On-The Job Training

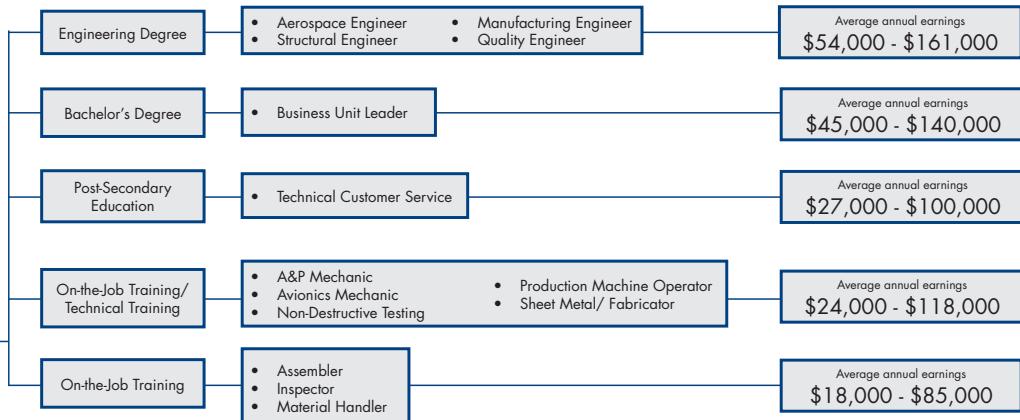
### Average Annual Salary:

\$71,000 – \$161,000  
\$54,000 – \$128,000  
\$67,000 – \$127,000  
\$67,000 – \$127,000  
\$45,000 – \$140,000  
\$27,000 – \$100,000  
\$37,000 – \$76,500  
\$32,000 – \$82,000  
\$29,000 – \$83,000  
\$26,000 – \$50,000  
\$32,000 – \$50,500  
\$33,000 – \$85,500  
\$26,000 – \$69,000  
\$18,000 – \$38,000

## Career Paths in Aerospace & Aviation

Middle School

High School



# CONSTRUCTION

# Do you like building things or drawing?

## Do you enjoy working with tools?

## Do you get good grades in math and science?

## Look around you...

A team of construction professionals built every structure, residential community, park, hospital, roadway or shopping mall you can see. Whether you dream of designing a new building or wielding a blowtorch on a construction crew, opportunities are available throughout Alabama in construction.

# What It Takes:

- Strong math, science and time management skills
- Attention to detail
- Following directions
- Satisfaction in working on a team
- Enjoy working with your hands and tools

# COOL CAREER

## CRANE OPERATOR

Crane Operators are responsible for operating a stationary or mobile cranes to lift, move, position, and reposition large loads of equipment and/or material. The operator ensures a load is safely attached to the crane and that the location is clear before setting it down. Attention to detail is essential as the crane operator is often moving between 10 and 60 tons, occasionally even more!

# High-Wage, High-Demand Careers in Construction

**Occupation:**

Estimator  
Architect  
Project Manager  
Project Engineer  
Instrumentation Technician  
Painter  
First Line Supervisor  
Boilermaker  
Brick Mason  
Carpenter  
Cement Mason  
Heavy Equipment Operator  
Drywall Finisher  
Electrician  
Insulator  
Pipefitter  
Plumber  
Sprinkler Fitter  
Roofer  
Sheet Metal Worker  
Ironworker  
HVAC Mechanic  
Millwright  
Welder

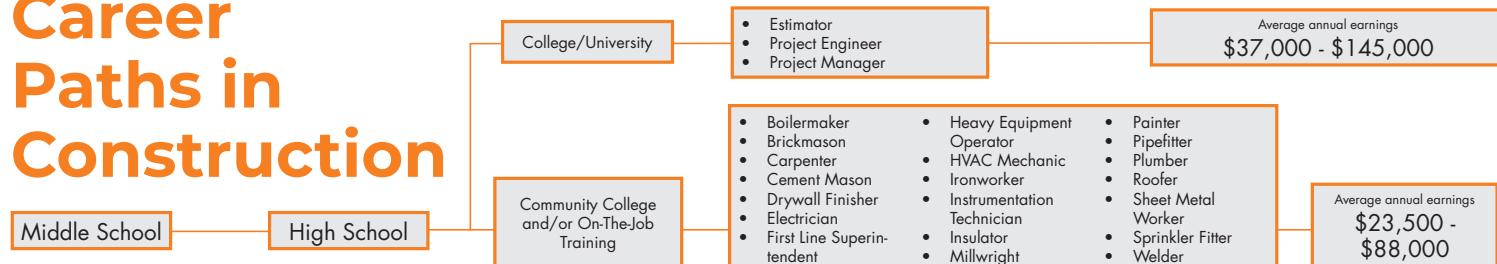
#### **Education Required:**

### Average Annual Salary:

37,000 – 91,000  
51,000 – 115,000  
53,000 – 145,000  
54,000 – 128,000  
32,000 – 87,000  
27,000 – 48,000  
35,000 – 88,000  
41,000 – 73,000  
32,000 – 56,000  
23,500 – 55,000  
29,000 – 50,000  
27,000 – 55,500  
26,000 – 40,000  
32,000 – 64,000  
30,000 – 53,000  
31,000 – 63,000  
31,000 – 63,000  
28,000 – 56,000  
28,000 – 42,000  
32,000 – 50,000  
32,000 – 63,000  
26,000 – 60,000  
34,000 – 70,000  
36,500 – 63,000

\*OJT = On-the-Job Training/PSE = Postsecondary Education

# Career Paths in Construction



# ENERGY

**Do you enjoy seeing your completed work?**

**Do you enjoy working with your hands and tools?**

**Do you enjoy helping people?**

## Look around you...

Each day our lives center around energy. Without it, your morning would have been different... no alarm clock, hot water, hairdryer, stove, A/C, TV or car. All these are dependent on natural gas, electricity or oil. Challenges lie ahead about how we provide energy reliably in a growing world and minimize the impact on the environment.

## What It Takes:

- Foundation skills in math and technical concepts
- Work well in a team environment
- Self-motivated and attention to detail
- Life-long learning commitment

## COOL CAREER LINE MAINTENANCE

Line installers and repairers (also known as line workers) install or repair electrical power systems and telecommunications cables, including fiber optics.

## High-Wage, High-Demand Careers in Energy

### Occupation:

Engineer  
Plant Operations  
Nuclear Plant Operations  
Line Maintenance  
Maintenance Repair

\*OJT = On-the-Job Training

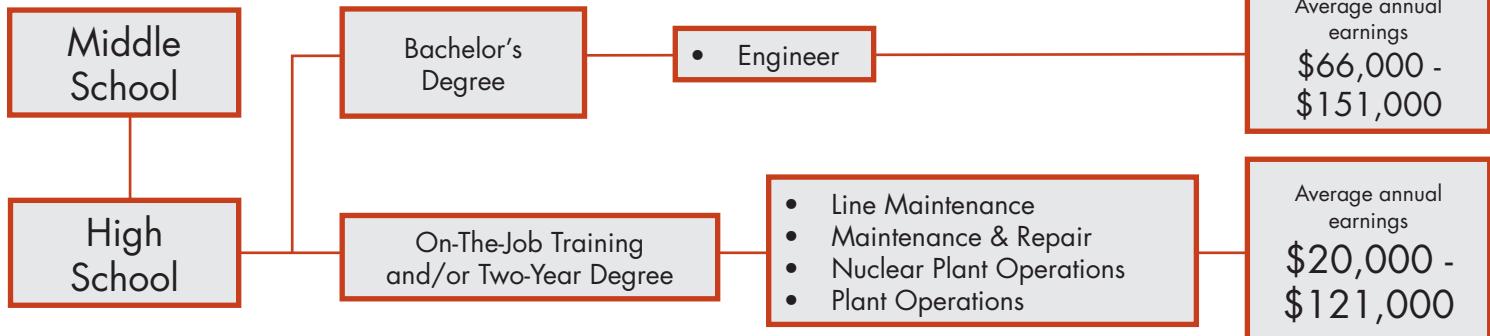
### Education Required:

Bachelors Degree  
Community College/OJT  
Community College/OJT  
Community College/OJT  
Community College/OJT

### Average Annual Salary:

66,000 – 151,000  
53,500 – 107,000  
69,500 – 121,000  
43,000 – 92,000  
20,000 – 50,000

## Career Paths in Energy



## The Challenge

We need team members who want to make a difference in the world and power it forward. If you enjoy understanding how things work and working in a team environment to complete multi-million and sometimes billion dollar projects, then the world of Energy is an exciting place where you can unleash your potential.

There are many reasons to consider a career in the energy industry. With the right education and training, you can begin a rewarding, well-paying career that benefits millions of people every day.

# ENGINEERING & DESIGN

**Do you enjoy math and science?**

**Do you like solving problems?**

**Do you enjoy designing and building things?**

## Look around you...

Almost everything you can see was designed by engineers or designers before being constructed. High-rise buildings, bridges and space ships require the expertise of architects, engineers and designers. If you're interested in being part of something like designing a condo on the beach, or a ship, airplane or electronic device, consider a career in engineering or design.

## What It Takes:

- Strong math, science and communication skills
- Focus and attention to detail
- Being organized
- Interested in solving problems
- Enjoy working on a team

## COOL CAREER CIVIL ENGINEER

Working in one of the largest branches of engineering, civil engineers deal with buildings, bridges, dams, roads and other structures. They plan, design, and supervise the construction of facilities such as high-rise buildings, airports, water treatment centers and sanitation plants. In the near future, civil engineers will design the special rail beds for the magnetic levitation trains of tomorrow.

## High-Wage, High-Demand Careers in Engineering & Design

### Occupation:

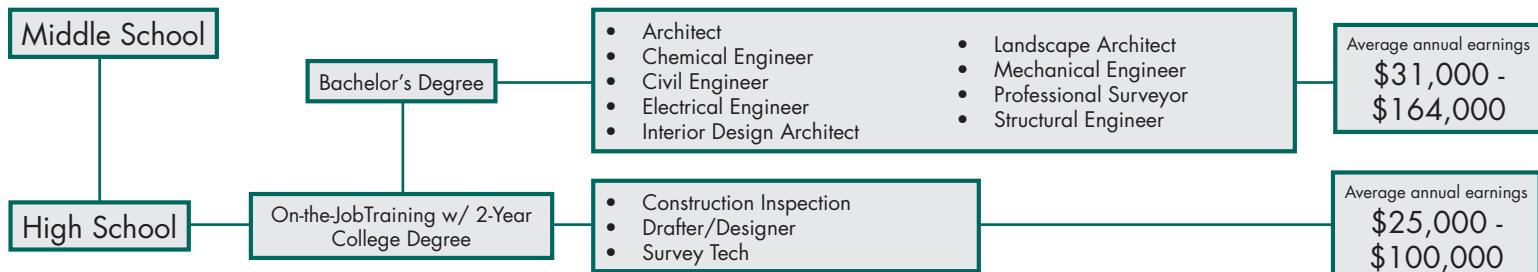
Architect  
Landscape Architect  
Chemical Engineer  
Civil Engineer  
Structural Engineer  
Electrical Engineer  
Mechanical Engineer  
Professional Surveyor  
Interior Design Architect  
Junior Designer  
Senior Designer  
Art Director  
In-House Creative Director  
Agency Creative Director  
Drafter/Designer  
Survey Tech  
Construction/Inspection  
User Experience Designer  
Self Employed Designer  
Design Firm Owner/Principal/Partner

\*OJT = On-the-Job Training

### Education Required:

Bachelor's Degree	Average Annual Salary: 51,000 – 115,000
Bachelor's Degree	44,000 – 89,000
Bachelor's Degree	75,000 – 164,000
Bachelor's Degree	54,000 – 128,000
Bachelor's Degree	54,000 – 128,000
Bachelor's Degree	66,000 – 152,000
Bachelor's Degree	60,000 – 141,000
Bachelor's Degree	30,000 – 79,000
Bachelor's Degree	31,000 – 103,000
Associates Degree/ Bachelor's Degree	40,000 – 66,000
Associates Degree/ Bachelor's Degree	66,000 – 95,000
Associates Degree/ Bachelor's Degree	33,000 – 106,000
Associates Degree/ Bachelor's Degree	55,000 – 75,000
Associates Degree/ Bachelor's Degree	80,000 – 120,000
Associates Degree/ Bachelor's Degree	30,000 – 84,000
Community College/ OJT	26,000 – 76,000
Community College/ OJT	35,000 – 70,500
	72,000 – 86,000
	56,000 – 95,000
	110,000 – 200,000

## Career Paths in Engineering & Design



# HEALTHCARE



## Do you enjoy helping others?

## Is science one of your favorite subjects?

## Are you interested in how the human body works?

## Look around you...

Did you know there are many other careers in healthcare other than doctors and nurses? Using science and problem-solving skills, people in healthcare create new medicines, discover cures for diseases, heal and comfort the sick and operate high-tech tools that diagnose and treat illnesses and injuries. Whether taking care of patients or working “behind the scenes,” healthcare in Alabama has something for everyone.

# What It Takes:

- Strong math, science and computer skills
- Attention to details
- Desire to help others
- Ability to work on a team

# COOL CAREER

## RESPIRATORY THERAPIST

Respiratory therapists are recognized as some of the most important personnel in healthcare facilities! A respiratory therapist cares for and treats patients who have difficulty breathing, often in emergencies. They treat a wide range of patients, from those with chronic respiratory diseases, to premature infants, to elderly patients with diseased lungs. The basic requirement for this fast-growing occupation is an Associate's Degree.

# High-Wage, High-Demand Careers in Healthcare

**Occupation:**

Physician  
Pharmacist  
Physical Therapist  
Physician Assistant  
Respiratory Therapist  
Registered Nurse  
Medical Laboratory Tech  
Surgical Technician  
Biomed Electronics Tech  
Pharmacy Tech  
Medical Coder  
Medical Assistant  
Phlebotomist

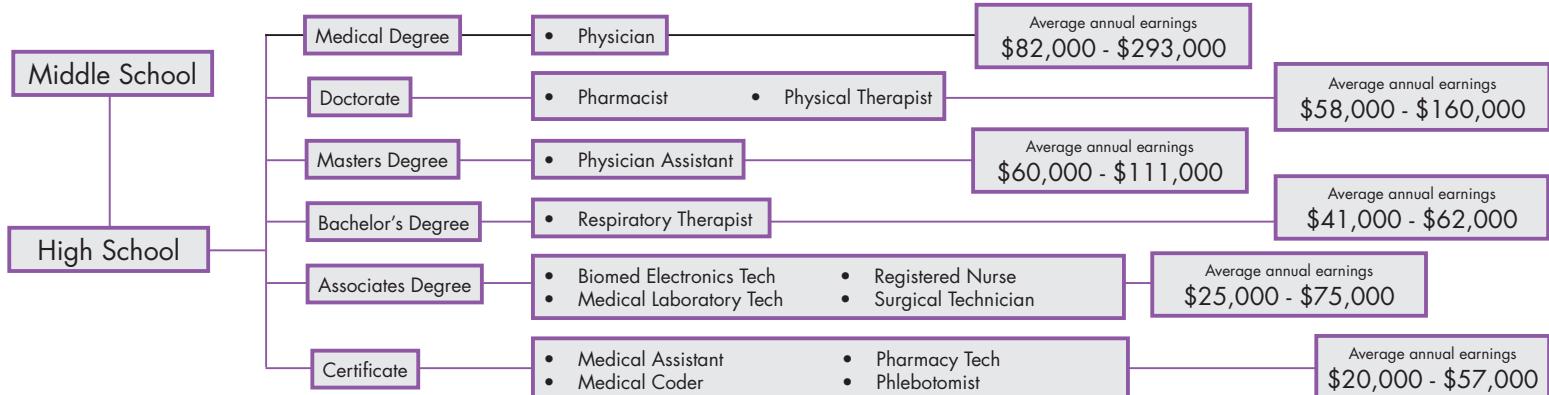
### **Education Required:**

Medical Degree  
Doctorate  
Doctorate  
Master's Degree  
Bachelor's Degree  
Associates Degree  
Associates Degree  
Associates Degree  
Associates Degree  
Certificate  
Certificate  
Certificate  
Certificate

### Average Annual Salary:

82,000 – 293,000  
108,000 – 160,000  
58,000 – 136,000  
60,000 – 111,000  
41,000 – 62,000  
44,000 – 75,000  
25,000 – 67,000  
26,000 – 50,000  
27,000 – 50,000  
23,500 – 38,000  
23,000 – 57,000  
20,000 – 37,000  
23,000 – 43,000

# Career Paths in Healthcare



# HOSPITALITY & TOURISM

**Do you have a passion for people?**

**Have an appetite for a creative career in culinary arts?**

**Are you compelled to Wow concert crowds?**

## Look around you...

Hospitality & Tourism offers many exciting careers for vibrant and energetic people. People working in this industry have opportunities within hotels & resorts, culinary arts & restaurants, area attractions & golf courses and concerts & special events – just to name a few. In the State of Alabama, tourism accounts for over 162,000 jobs statewide with combined payrolls of over \$3.6 billion. Each year our state welcomes more than 20 million visitors who spend over \$9.3 billion within our local economies.

## What It Takes:

- Strong written and verbal communication skills
- A positive attitude and desire to help others
- Ability to work in a fast-paced team environment
- Multi-tasking, good organizational skills with attention to details

## COOL CAREER PAstry CHEF

As a pastry chef, your job description may include the following kinds of tasks: overseeing kitchen staff, ordering supplies, producing baked goods, decorating and plating various pastries and desserts and keeping the kitchen organized. Pastry chefs need to be able to bake, which involves attention to detail, knowledge of ingredients and a fair amount of patience.

They also need to have artistic ability and creativity to produce pastries and desserts that look as good as they taste.

## High-Wage, High-Demand Careers in Hospitality & Tourism

### Occupation:

Marketing Director  
General Manager - Hotel  
Golf Pro\*\*\*  
Restaurant Manager  
Events Planner  
Executive chef  
Pastry Chef  
Front Desk/Sales Manager  
Executive Housekeeper  
Golf Course Maintenance  
Spa Services  
Maintenance Technician

\*OJT = On-the-Job Training

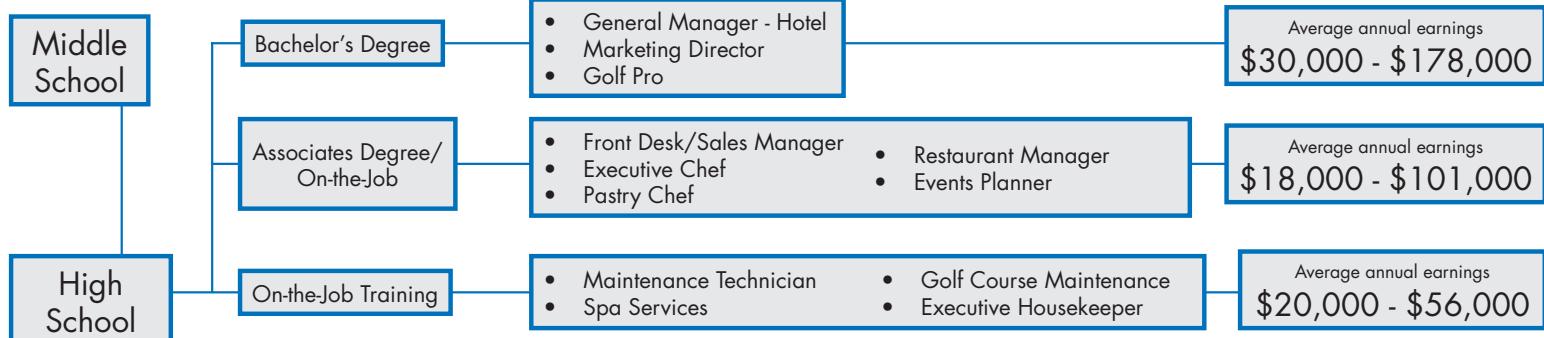
### Education Required:

Bachelor's Degree  
Bachelor's Degree  
  
Associates Degree  
Associates Degree  
Associates Degree  
Associates Degree  
Associates Degree  
OJT  
OJT  
OJT  
OJT

### Average Annual Salary:

\$58,000 – 178,000  
\$30,000 – 76,000  
\$30,000 – 100,000  
\$35,000 – 101,000  
\$33,000 – 67,000  
\$30,000 – 77,000  
\$18,000 – 35,000  
\$21,000 – 51,000  
\$23,000 – 49,000  
\$23,000 – 56,000  
\$28,000 – 36,000  
\$20,000 – 50,000

## Career Paths in Hospitality & Tourism



# INFORMATION TECHNOLOGY

**Do you Like PCs, Tablets, iPads and Smart Phones?**

**Do you like creating solutions using computer programming?**

**Do you like to go to the CLOUD for Social Media and Research?**

## Look around you...

(IT) is the application of computers and telecommunications equipment to store, retrieve, transmit and manipulate data, often for a business or a Company. It is hard to imagine our lives without computers and PC's now a day. If you are interested in designing a system that could be useful to a business, create an application for your Smart Phone, Tablet and iPad, or manage and maintain a computer network with PC's and Mobile Devices, consider a career in Information Technology (IT).

## What It Takes:

- Love of computers, science and problem solving
- Great communication skills
- Enjoy working on a team
- Creative vision and imagination
- Desire to automate a process

## COOL CAREER SOFTWARE ENGINEER

One of the most critical and creative jobs in this industry is of a Software Engineer. They work in teams and possess excellent communication and problem-solving skills. This job requires a minimum of a bachelor's degree in computer science, electrical engineering, computer engineering or a related discipline. They Design and create engineering specifications for software programs and applications. They work with quality assurance to develop software test plans and collaborate with hardware engineers to assess and test hardware and software interaction. Software Engineers have developed most of the applications we see and use daily on our PCs, smart phones and tablets these days.

## High-Wage, High-Demand Careers in Information Technology

### Occupation:

Chief Information Officer  
Systems Security Administrator  
IT Auditor  
Systems Analyst  
Software Engineer  
Web Developer  
Database Administrator  
Network Architect  
Project Manager  
Electronic Data Interchange Expert  
Quality Assurance/Testing Manager  
Web Administrator  
Data Analyst/Report Writer  
Desktop Support Analyst  
PC Technician  
Computer Operator  
Help Desk Tier 1  
Instructor/Trainer  
\*OJT = On-the-Job Training

### Education Required:

2&4 year college/ OJT  
High School Tech Courses  
High School Tech Courses  
High School Tech Courses  
High School Tech Courses

### Average Annual Salary:

77,000 – 161,000  
40,000 – 93,000  
43,000 – 106,000  
52,000 – 105,000  
53,000 – 140,000  
30,000 – 70,000  
44,000 – 99,000  
56,000 – 127,000  
30,000 – 110,000  
30,000 – 110,000  
30,000 – 110,000  
43,000 – 93,000  
37,000 – 127,000  
32,000 – 75,000  
32,000 – 75,000  
30,000 – 110,000  
32,000 – 75,000  
49,000 – 110,000

## Career Paths in Information Technology



# MANUFACTURING

**Do you like working with machines and computers?**

**Do you want to see your work in public?**

## Look around you...

Manufactured products are everywhere. Look around at the buildings, bridges, boxes of candy, car bumpers and everything in between.

## What It Takes:

- Strong math and science skills
- Willingness to be a productive teammate
- Comfort with complicated machinery and processes
- Excellent problem solving skills

## COOL CAREER PROCESS CONTROL OPERATOR

Process plant operators control, monitor and maintain the machines and equipment used to produce, refine and pump chemicals, oil, gas and petroleum. In most cases, the machinery and equipment used in these processes is computer controlled, and it is the responsibility of process plant operators to set the controls and observe gauges and other instrumentation to monitor progress and check for malfunctions, leaks and other faults. Some process plant operators will also be responsible for preparing and measuring the raw materials to be used in manufacturing and refining processes.

## High-Wage, High-Demand Careers in Manufacturing

### Occupation:

Chemical Engineer  
Civil Engineer  
Electrical Engineer  
Mechanical Engineer  
Team Manager  
Training Manager  
Production Coordinator  
Maintenance Electrician  
Maintenance Mechanic  
Process Operator  
Process Control Operator

\*OJT = On-the-Job Training

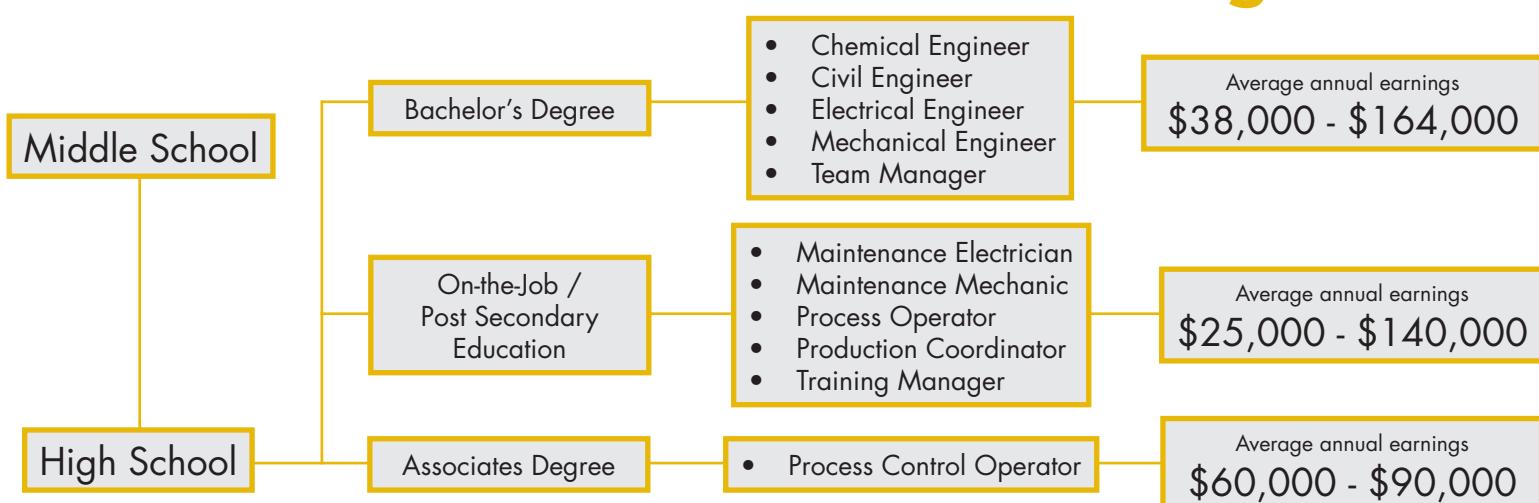
### Education Required:

Bachelor's Degree  
Bachelor's Degree  
Bachelor's Degree  
Bachelor's Degree  
Bachelor's Degree  
OJT/Secondary Education  
OJT/Secondary Education  
OJT/Secondary Education  
OJT/Secondary Education  
OJT/Secondary Education  
Associates Degree

### Average Annual Salary:

75,000 – 164,000  
54,000 – 128,000  
66,000 – 152,000  
60,000 – 141,000  
38,000 – 103,000  
62,000 – 122,000  
70,000 – 140,000  
32,000 – 64,000  
35,000 – 81,000  
25,000 – 90,000  
60,000 – 90,000

## Career Paths in Manufacturing



# PUBLICSERVICE

**Are you a good  
communicator?**

**Do you work well with  
others?**

**Do you have mental and  
physical stamina?**

**Do you have strong values?**

## Look around you...

A career in public service assures our society will continue to function in an orderly and just manner. Police officers, firefighters and corrections officers are some of the local service branches available in your community.

Military careers require some of the same personal and professional characteristics but have a wider impact around the globe.

## What It Takes:

- Loyalty to country, community
- Soundness of moral principals
- Dependable performance and attitude
- Physical fitness
- Acceptance of working long and varied hours

## COOL CAREER

### POLICE OFFICER

Police officers work in partnership with the communities they serve to maintain law and order, protect members of the public and their property, prevent crime, reduce the fear of crime and improve the quality of life for all citizens. They use a wide range of technology to protect individuals, identify the perpetrators of crime and ensure successful prosecutions against those who break the law.

## High-Wage, High-Demand Careers in Public Service

### Occupation:

FBI Agent  
Military Officer  
Military Enlisted  
Military Noncom Officer  
Corrections Officer  
Police Officer  
Firefighter

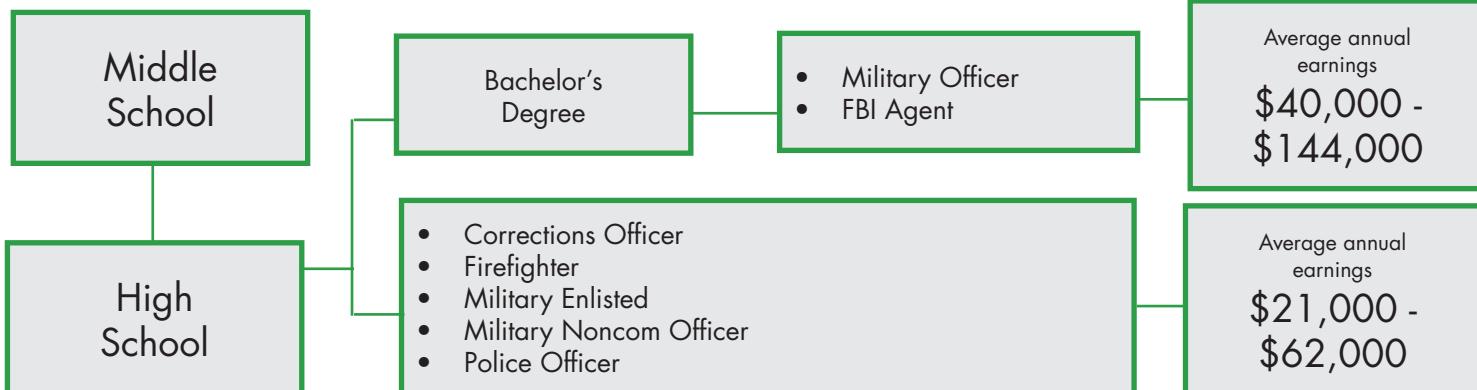
### Education Required:

Bachelor's Degree  
Bachelor's Degree  
High School Diploma  
High School Diploma  
High School Diploma  
High School Diploma  
High School Diploma

### Average Annual Salary

40,000 – 110,000  
41,000 – 144,000  
21,000 – 43,000  
40,000 – 56,000  
23,000 – 50,000  
32,000 – 62,000  
25,000 – 50,000

## Career Paths in Public Service



**Earn a 5% pay increase with a two-year degree - Earn a 10% pay increase with a four-year degree**

# SAFETY



**Do you enjoy helping people?**

**Do you like solving problems?**

**Do you find learning exciting?**

## Look around you...

People you see every day performing a job may encounter some type of danger or hazard. Safety plays an important role in making sure injuries and accidents are avoided. Safety professionals work with companies and industries to find ways to help them be safe. A position in safety provides a high degree of job satisfaction, and a variety of limitless job opportunities depending on education, skill and experience.

## What It Takes:

- An interest in science, math and technical concepts
- Good skills in working with people and communicating
- A desire to help and provide service to people
- Planning and organizational skills
- A genuine desire to learn and adapt to change

## COOL CAREER CONSTRUCTION SAFETY SPECIALIST

Under the general direction of a Safety Manager (or Senior Safety Specialist on larger job sites), ensures the safety plan of the job reflects corporate policy and complies with the prevailing safety requirements for the region; administers job safety program; audits and inspects job site to detect and correct safety hazards; monitors the safety performance of all construction operations in assigned job site areas; performs accidents record analysis, and issues reports on a regularly scheduled basis.

## High-Wage, High-Demand Careers in Safety

### Occupation:

Ergonomist  
System Safety Specialist  
Construction Safety Specialist  
Industrial Safety & Health Engineer  
Loss Control Consultant  
Occupational Safety & Health  
Risk Manager  
Safety Inspectors  
Fire Protection Specialist  
Industrial Hygienist  
Safety Specialist  
Safety Technician

### Education Required:

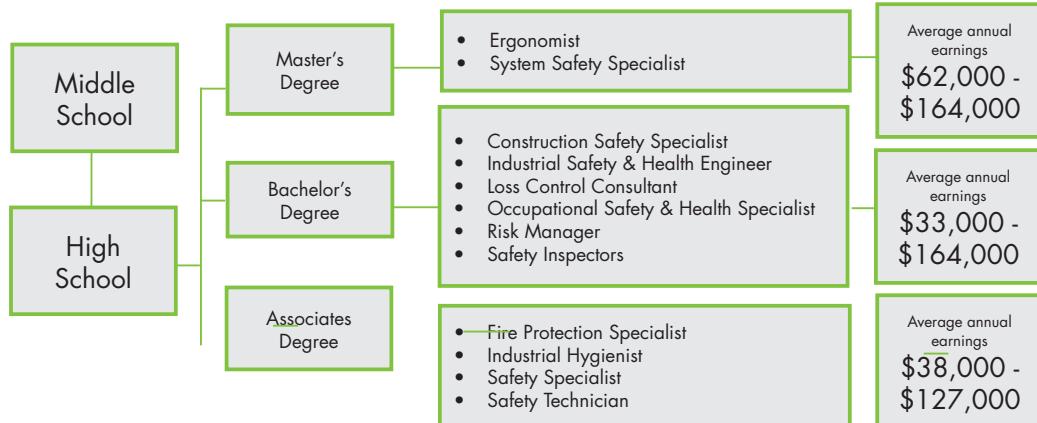
Masters Degree  
Masters Degree  
Bachelors Degree  
Bachelors Degree  
Bachelors Degree  
Bachelors Degree  
Bachelors Degree  
Bachelors Degree  
Associates Degree  
Associates Degree  
Associates Degree  
Associates Degree

### Average Annual Salary:

67,000 – 127,000  
62,000 – 164,000  
46,000 – 104,000  
62,000 – 164,000  
33,000 – 111,000  
46,000 – 104,000  
33,000 – 111,000  
46,000 – 104,000  
62,000 – 127,000  
46,000 – 104,000  
46,000 – 104,000  
38,000 – 78,500

## Career Paths in Safety

A number of surveys report that job satisfaction in the safety field is high. Typically, 90% of respondents say they are "satisfied" or "very satisfied" with their careers in safety. The reasons often include work differing each day and being able to contribute to the welfare of others. [www.bcs.org/ladder](http://www.bcs.org/ladder)



# SHIPBUILDING & REPAIR

Do you like math?

Do you like working outside?

Do you like working with your hands?

Do you like working with a team?

The shipbuilding and repair industry offers a lot of career paths and opportunities to advance.

Whether you choose to work your way up the career ladder through hands-on experience in the yard or to go to college to earn a degree, with the right technical and leadership skills and a good work ethic, there's no limit to where you can go!

## Look around you...

Before there were trains, planes and cars, there were boats. From small fishing boats and mega yachts to cargo ships and gigantic aircraft carriers, shipbuilding offers you a lot of career opportunities. Whether you are interested in becoming a marine engineer to design ships or a skilled craftsman to build them, if you have what it takes, a career in shipbuilding can really pay off!

## What It Takes:

- Good math and science skills
- A positive attitude and strong work ethic
- Satisfaction in working with your hands and tools
- Ability to listen and follow directions
- Satisfaction in working outdoors instead of behind a desk

## COOL CAREER MECHANICAL COMPOSITE MECHANIC

Laminate layers of fiberglass on molds to form boat decks and hulls

## High-Wage, High-Demand Careers in Shipbuilding & Repair

### Occupation:

Marine Engineer  
Naval architect  
Composite Fitter  
Composite Mechanic  
Carpenter  
Scaffold Mechanic  
Electrician  
Pipefitter  
Sheet Metal Worker  
Rigger  
Machinist  
Welder  
Shipfitter  
Painter

\*OJT = On-the-Job Training

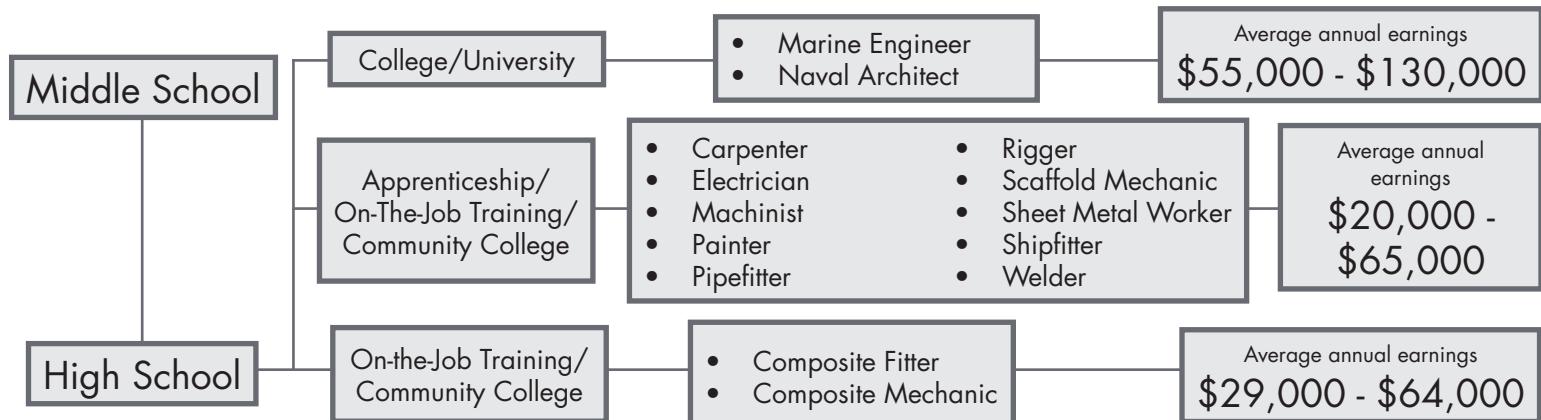
### Education Required:

Bachelor's Degree  
Bachelor's Degree  
Community College/OJT  
Community College/OJT  
Apprenticeship/OJT  
Apprenticeship/OJT

### Average Annual Salary:

55,000 – 130,000  
55,000 – 130,000  
29,000 – 64,000  
33,000 – 62,000  
23,500 – 55,000  
20,000 – 50,000  
32,000 – 64,000  
31,000 – 63,000  
32,000 – 50,000  
31,500 – 61,000  
36,500 – 65,000  
36,500 – 63,000  
29,000 – 64,000  
26,500 – 48,000

## Career Paths in Shipbuilding & Repair



# TRANSPORTATION, DISTRIBUTION & LOGISTICS

**Do you like math?**

**Do you like working outside?**

**Do you like working with your hands?**

**Do you like working with a team?**

## Look around you...

Transportation is the act of moving goods and products from one place to another. This can include transporting items through air, land, or sea. Logistics is broader, and includes all your procedures for making sure your customers get their goods on time. Every industry in the world relies upon professionals in Transportation, Distribution & Logistics to ensure that they have what they need to do their jobs. From life saving medication in hospitals, to the steel needed in manufacturing, none of it can arrive without the expertise of these individuals.

## What It Takes:

- Attention to details
- Ability to Follow Directions and Work as a Team
- Foundational Skills in Math and Technical Concepts
- Planning and Organizational Skills
- Punctual and Dependable

## COOL CAREER COMMERCIAL TRUCK DRIVER

Commercial truck drivers transport goods to and from our community every day, keeping our stores and restaurants filled. Without these everyday working-class heroes, we would be limited to the goods produced in our local communities. This career requires the completion of a short certificate and a clean driving history. Safety on the road is the most important aspect of a truck driver's job.

## High-Wage, High-Demand Careers in Distribution & Logistics

### Occupation:

Logisticians  
Warehouse and Transport Managers  
Truck Driver  
Crane Operator  
Forklift Driver  
First Line Supervisor  
Diesel Mechanic  
Warehouse Packers  
Conveyor Operators  
Shipping & Receiving Clerks  
Order Clerks  
Material Movers

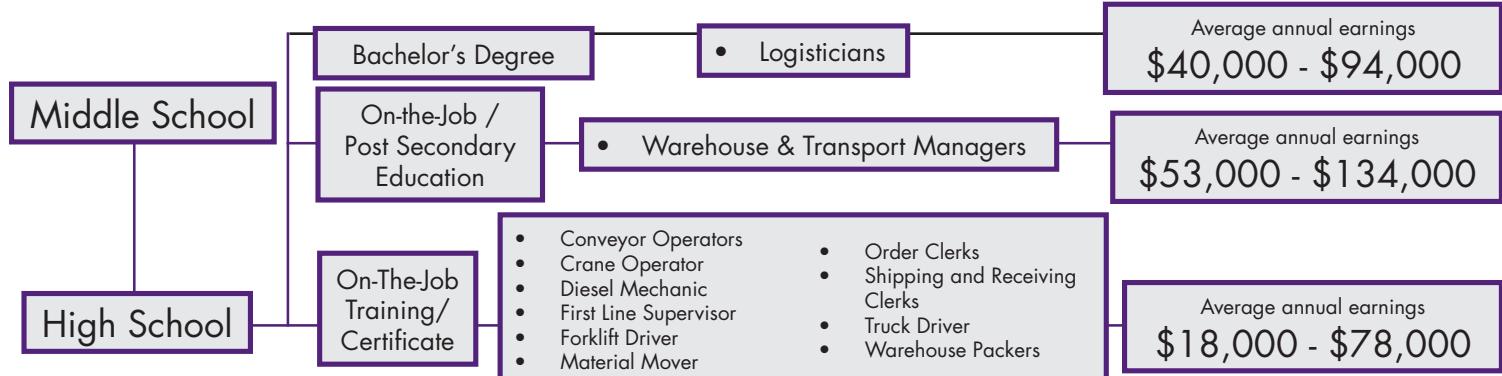
### Education Required:

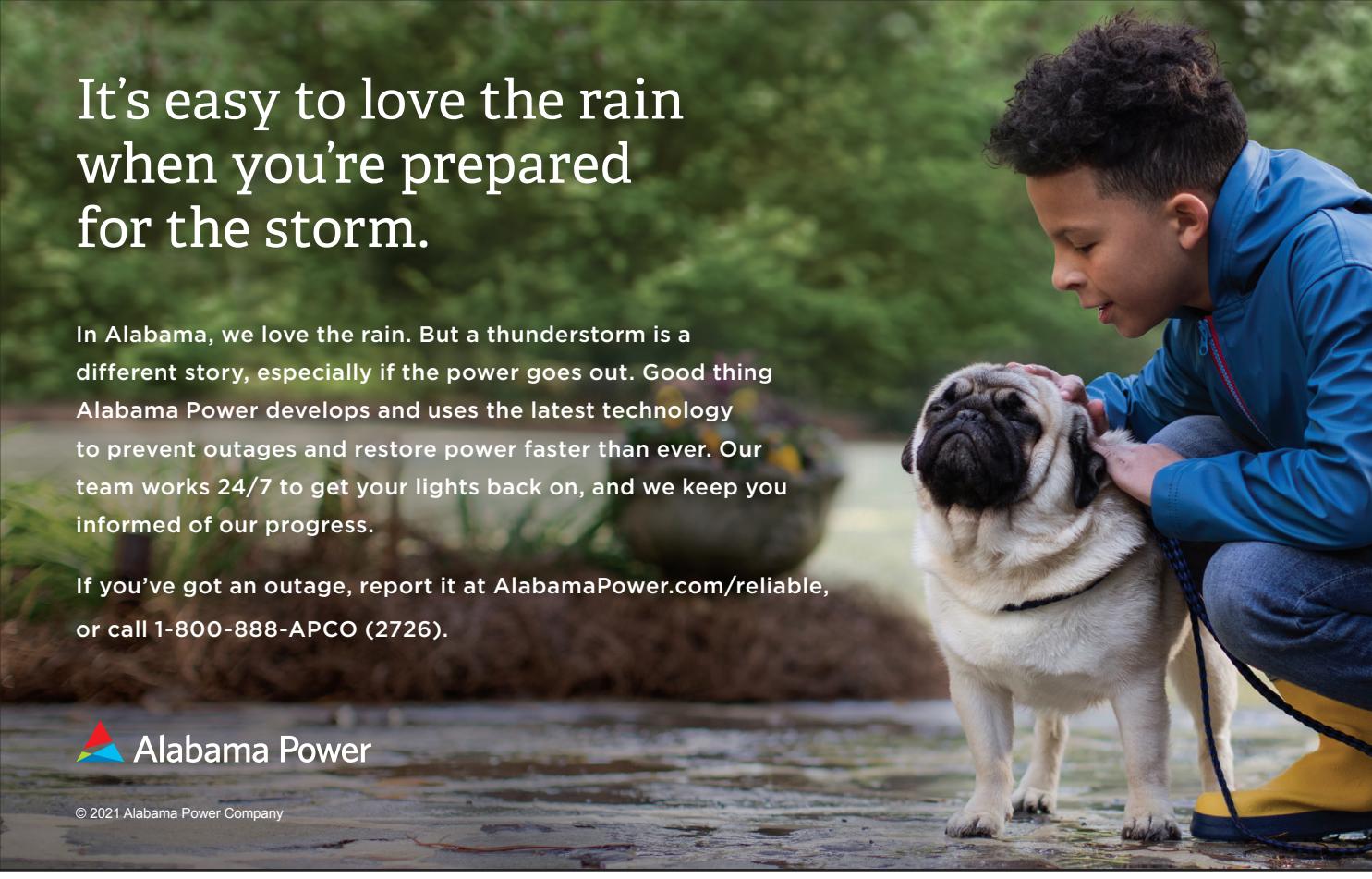
Bachelor's Degree  
2&4 year college/ OJT  
Certificate  
Certificate  
Certificate  
OJT  
OJT  
OJT  
OJT  
OJT  
OJT  
OJT

### Average Annual Salary:

40,000 – 94,000
53,500 – 133,500
22,000 – 60,000
37,000 – 63,000
27,000 – 50,000
31,000 – 78,000
32,000 – 64,000
19,000 – 40,000
27,000 – 59,000
23,000 – 61,000
18,000 – 42,000
18,500 – 51,000

## Career Paths in Transportation, Distribution & Repair





It's easy to love the rain when you're prepared for the storm.

In Alabama, we love the rain. But a thunderstorm is a different story, especially if the power goes out. Good thing Alabama Power develops and uses the latest technology to prevent outages and restore power faster than ever. Our team works 24/7 to get your lights back on, and we keep you informed of our progress.

If you've got an outage, report it at [AlabamaPower.com/reliable](http://AlabamaPower.com/reliable), or call 1-800-888-APCO (2726).



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COASTAL ALABAMA  
COMMUNITY COLLEGE

It is the official policy of the Alabama Community College System and Coastal Alabama Community College that no person shall be discriminated against on the basis of any impermissible criterion or characteristic including, without limitation, race, color, national origin, religion, marital status, disability, sex, age or any other protected class as defined by federal and state law.

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# CONTACTS

## CAREER & TECHNICAL EDUCATION CONTACTS

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### **WILCOX COUNTY SCHOOL SYSTEM**

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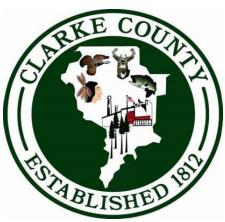
# THANKYOU

SAWDC Worlds of Opportunity has served as Southwest Alabama Workforce Development Council's signature event since 2010. It was designed with one singular purpose: to educate Southwest Alabama's future workforce about the employment opportunities in our region. Thus, the slogan for this event has become "Inspiring our future workforce one student at a time."

SAWDC has developed into SAWDC AlabamaWorks, an organization that focuses on Southwest Alabama's workforce needs. SAWDC is responsible for engaging industry by aligning the regions education/training resources to meet employer's needs.

SAWDC develops strategic partnerships that attract and educate; also train students, job seekers, and workers to better meet industry needs. Our investors are instrumental in SAWDC's effort to develop a comprehensive and integrated workforce development system that better meets the needs of our region.

We would like to express our sincere thanks to the following FY 2021 investors:



**Reid State Technical College**

**Eichold Family Foundation**

**[sawdcalabamaworks.com](http://sawdcalabamaworks.com)**