SAWDC WORLDS OF OPPORTUNITY

SAWDC ALABAMA WORKS!

10TH YEAR ANNIVERSARY

2019 CAREER EXPO
September 18th and 19th

INSPIRING our
future WORKFORCE
ONE STUDENT
at a time
WE CAN
Change LIVES
Make a DIFFERENCE
Create OPPORTUNITIES

www.worldsofopportunity.com

SAWDC ALABAMA WORKS!

SAWDC WORLDS OF OPPORTUNITY

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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 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 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 will be held Wednesday, September 18th and Thursday, September 19th at the Mobile Civic Center.

We want you to have all the information you need to help your child begin to make informed decisions. This booklet, published by the SAWDC AlabamaWorks, 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

To learn more, please visit **sawdcalabamaworks.com**.

Best regards,

SAWDC AlabamaWorks Board of Directors

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TECHNOLOGY THAT MATTERS

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

Check Out This Cool Career...

Construction Safety Specialist

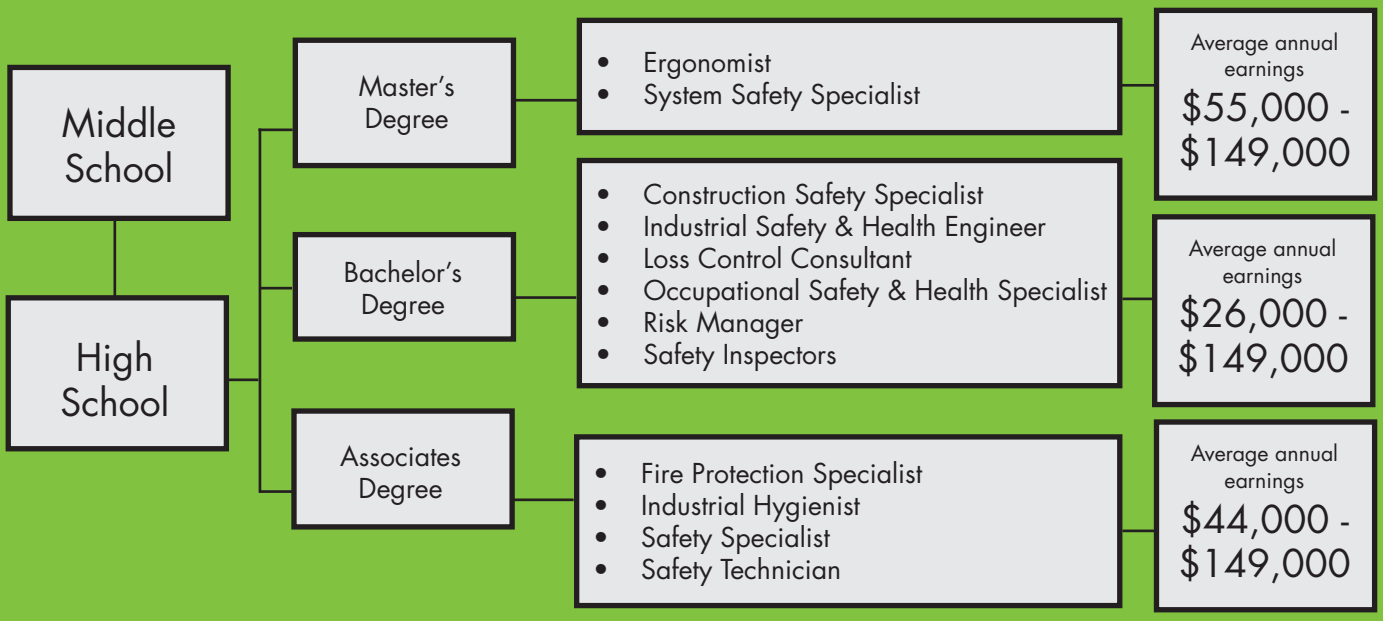
Under the general direction of a Safety Manager (or Senior Safety Specialist on larger job sites), ensures the safety plan of the job reflects corporate policy and complies with the prevailing safety requirements for the region; administers job safety program; audits and inspects job site to detect and 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:	Education Required:	Average Annual Salary:
System Safety Specialist	Master's Degree	$55,000 – $149,000
Ergonomist	Master's Degree	$67,000 – $128,000
Risk Manager	Bachelor's Degree	$26,000 – $114,000
Industrial Safety & Health Engineer	Bachelor's Degree	$55,000 – $149,000
Loss Control Consultant	Bachelor's Degree	$46,000 – $113,000
Safety Inspectors	Bachelor's Degree	$46,000 – $113,000
Occupational Safety & Health Specialist	Bachelor's Degree	$44,000 – $99,000
Construction Safety Specialist	Bachelor's Degree	$34,000 – $72,000
Safety Technician	Associates Degree	$44,000 – $99,000
Industrial Hygienist	Associates Degree	$46,000 – $113,000
Safety Specialist	Associates Degree	$46,000 – $113,000
Fire Protection Specialist	Associates Degree	$55,000 – $149,000

Salary ranges are provided by the Alabama Department of Labor.

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.bcsp.org/ladder**

Safety Partners

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All worlds represented in this career expo require employees to be drug free.

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

Check Out This 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.

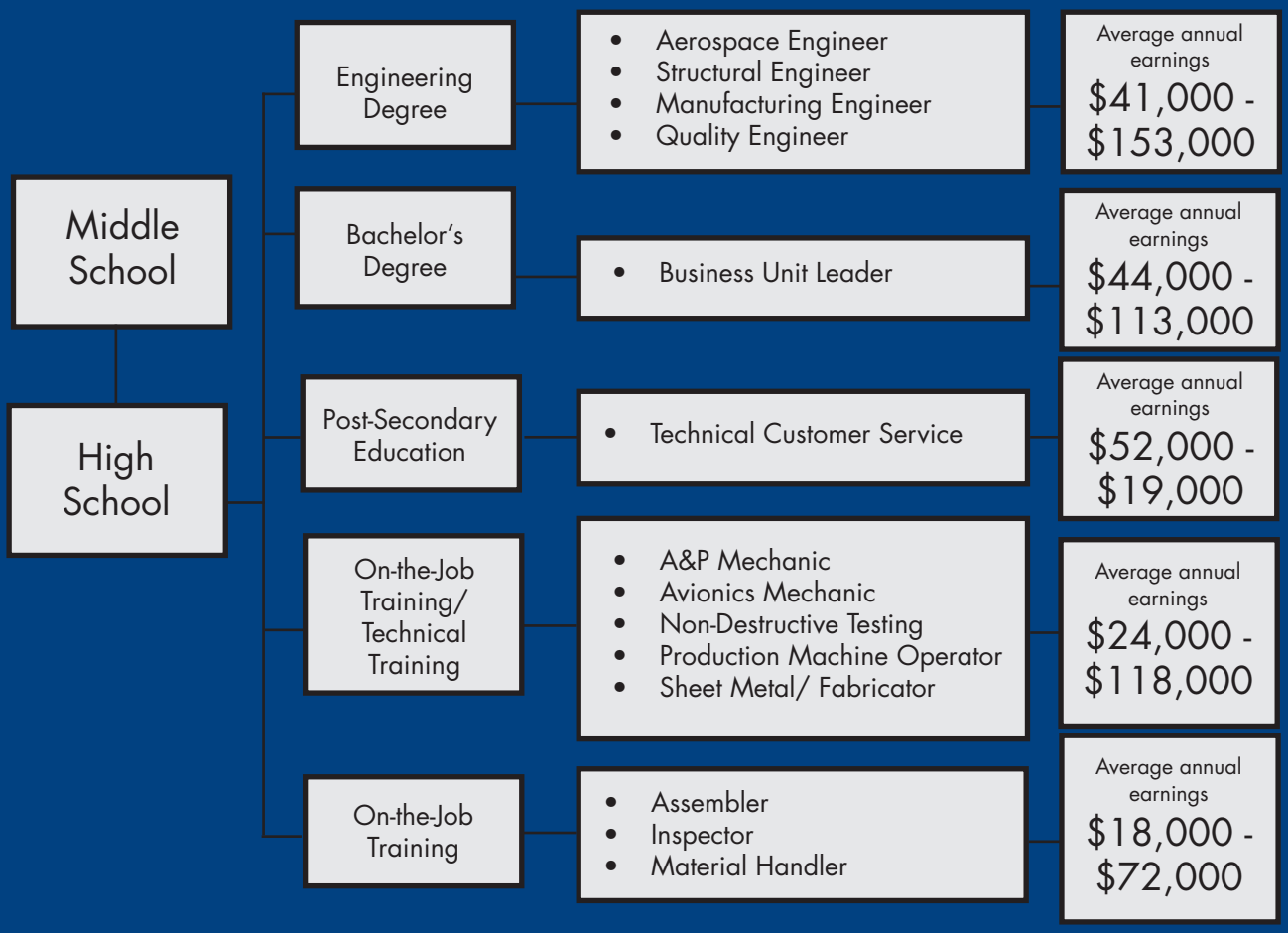
High-Wage, High-Demand Careers in Aerospace & Aviation

Occupation:	Education Required:	Average Annual Salary:
Aerospace Engineer	Engineering Degree	$69,000 – $153,000
Structural Engineer	Engineering Degree	$51,000 – $133,000
Quality Engineer	Engineering Degree	$67,000 – $128,000
Manufacturing Engineer	Engineering Degree	$41,000 – $121,000
Business Unit Leader	Bachelor's Degree	$44,000 – $113,000
Technical Customer Service	Post-Secondary	$52,000 – $119,000
Non-Destructive Testing	OJT/Technical Training	$25,000 – $80,000
Sheet Metal/Fabricator	OJT/Technical Training	$27,000 – $48,000
Avionics Mechanic	OJT/Technical Training	$24,000 – $79,000
A&P Mechanic	OJT/Technical Training	$33,000 – $69,000
Production Machine Operator	OJT/Technical Training	$24,000 – $62,000
Assembler	OJT	$18,000 – $51,000
Inspector	OJT	$25,000 – $72,000
Material Handler	OJT	$19,000 – $40,000

*OJT = On-the-Job Training

Salary ranges are provided by the Alabama Department of Labor.

Career Paths in Aerospace & Aviation



Aerospace & Aviation Partners

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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

Check Out This 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

Occupations:	Education Required:	Average Annual Salary:
Chief Information Officer	2&4 Year College/OJT	$68,000 – $162,000
Systems Security Administrator	2&4 Year College/OJT	$38,000 – $95,000
IT Auditor	2&4 Year College/OJT	$53,000 – $114,000
Systems Analyst	2&4 Year College/OJT	$53,000 – $114,000
Software Engineer	2&4 Year College/OJT	$47,000 – $118,000
Web Developer	2&4 Year College/OJT	$31,000 – $71,000
Web Designer	2&4 Year College/OJT	$31,000 – $71,000
Database Administrator	2&4 Year College/OJT	$43,000 – $99,000
Network Architect	2&4 Year College/OJT	$54,000 – $118,000
Project Manager	2&4 Year College/OJT	$26,000 – $113,000
Electronic Data Interchange Expert	2&4 Year College/OJT	$26,000 – $113,000
Quality Assurance/Testing Manager	2&4 Year College/OJT	$26,000 – $113,000
Wes Administrator	2&4 Year College/OJT	$38,000 – $95,000
Data Analyst/Report Writer	2&4 Year College/OJT	$26,000 – $113,000
Desktop Support Analyst	High School Tech Courses	$33,000 – $74,000
PC Technician	High School Tech Courses	$33,000 – $74,000
Computer Operator	High School Tech Courses	$27,000 – $57,000
Help Desk Tier 1	High School Tech Courses	$33,000 – $74,000
Instructor/Trainer	High School Tech Courses	$32,000 – $85,000

*OJT = On-the-Job Training

Salary ranges are provided by the Alabama Department of Labor.

Career Paths in Information Technology

Middle School

High School

High School Tech Courses

2&4 Year College and/or On-the-Job Training (OJT)

- Chief Information Officer (CIO)
- Project Manager
- Systems Analyst
- IT Auditor
- Database Administrator
- Data Analyst/Report Writer
- Software Engineer
- Electronic Data Interchange Expert
- Quality Assurance/Testing Manager
- Web Developer
- Web Administrator
- Web Designer
- Network Architect
- Network Engineer
- Network Administrator
- Systems Security Administrator

Average annual earnings $26,000 - $162,000

- Computer Operator
- Desktop Support Analyst
- Help Desk Tier 1
- Instructor/Trainer
- PC Technician

Average annual earnings $27,000 - $85,000

Information Technology Partners

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All worlds represented in this career expo require employees to be drug free.

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

Check Out This Cool Career...

Heavy Equipment Operator

Heavy equipment operators maneuver heavy machinery safely, as well as calculate appropriate loads, follow blueprints and designs and ensure the proper running and maintenance of their machinery. Heavy equipment is a category of machinery that includes bulldozers, cranes, excavators, forklifts and other moving parts designed to transport earth or materials, erect and install construction materials, lay down roadbeds or pave materials. Work can be seasonal, with long hours and in all kinds of weather. Some operators work in remote locations, and care must be taken to follow all safety procedures in order to lower the chance of injury.

High-Wage, High-Demand Careers in Construction

Occupation:	Education Required:	Average Annual Salary:
Estimator	Bachelor's Degree	$37,000 – $90,000
Project Manager	Bachelor's Degree	$57,000 – $160,000
Project Engineer	Bachelor's Degree	$51,000 – $133,000
Instrumentation Technician	Community College/OJT	$35,000 – $122,000
Painter	Community College/OJT	$27,000 – $47,000
First Line Superintendent	Community College/OJT	$34,000 – $85,000
Boilermaker	Community College/OJT	$41,000 – $75,000
Brick Mason	Community College/OJT	$33,000 – $51,000
Carpenter	Community College/OJT	$28,000 – $59,000
Cement Mason	Community College/OJT	$28,000 – $49,000
Heavy Equipment Operator	Community College/OJT	$27,000 – $60,000
Drywall Finisher	Community College/OJT	$27,000 – $39,000
Electrician	Community College/OJT	$33,000 – $65,000
Insulator	Community College/OJT	$22,000 – $49,000
Pipefitter	Community College/OJT	$30,000 – $61,000
Plumber	Community College/OJT	$30,000 – $61,000
Sprinkler Fitter	Community College/OJT	$30,000 – $61,000
Roofer	Community College/OJT	$26,000 – $50,000
Sheet Metal Worker	Community College/OJT	$27,000 – $48,000
Ironworker	Community College/OJT	$34,000 – $64,000
HVAC Mechanic	Community College/OJT	$24,000 – $60,000
Millwright	Community College/OJT	$31,000 – $61,000
Welder	Community College/OJT	$36,000 – $63,000

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

Salary ranges are provided by the Alabama Department of Labor.

Career Paths in Construction

Middle School

High School

College/ University

- Estimator
- Project Engineer
- Project Manager

Average annual earnings $37,000 - $160,000

Community College and/or On-The-Job Training

- Boilermaker
- Brickmason
- Carpenter
- Cement Mason
- Drywall Finisher
- Electrician
- First Line Superintendent
- Heavy Equipment Operator
- HVAC Mechanic
- Ironworker
- Instrumentation Technician
- Insulator
- Millwright
- Painter
- Pipefitter
- Plumber
- Roofer
- Sheet Metal Worker
- Sprinkler Fitter
- Welder

Average annual earnings $22,000 - $122,000

GO BUILD GOBUILDALABAMA.COM

Did you Know?

Each year in Alabama, there are over 2,875 construction job openings.

Construction tradesmen are paid on average 33% more per week than the rest of Americans?

It will take 39% of college graduates 10+ years to pay off their student loans—Construction Tradesmen don't need a 4-year degree to make a living.

Construction Partners

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AGC ALABAMA Mobile Section

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All worlds represented in this career expo require employees to be drug free.

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

Check Out This 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.

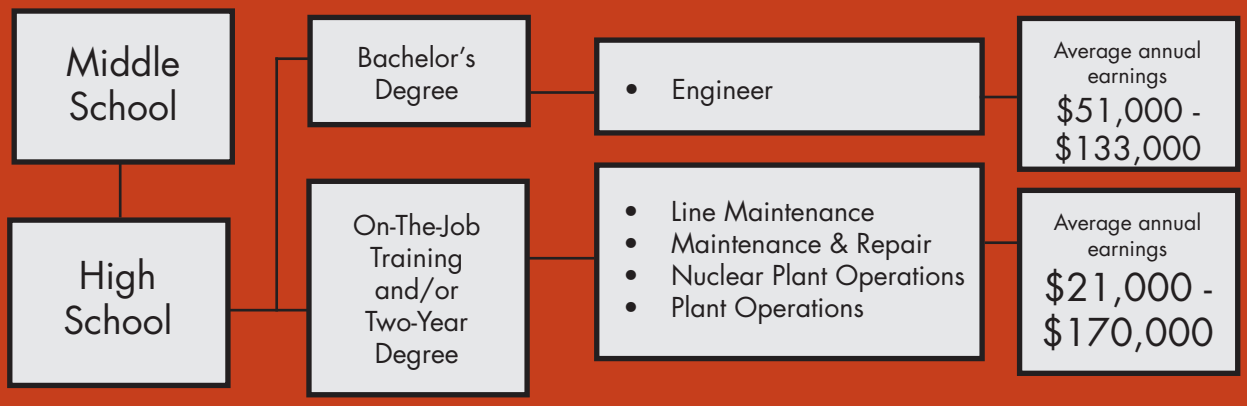
High-Wage, High-Demand Careers in Energy

Occupation:	Education Required:	Average Annual Salary:
Engineer	Bachelor's Degree	$51,000 – $133,000
Plant Operations	OJT/Community College	$66,000 – $170,000
Nuclear Plant Operations	OJT/Community College	$46,000 – $95,000
Line Maintenance	OJT/Community College	$31,000 – $60,000
Maintenance Repair	OJT/Community College	$21,000 – $52,000

*OJT = On-the-Job Training

Salary ranges are provided by the Alabama Department of Labor.

Career Paths in Energy



get into energy ALABAMA

Find out more about how you can get into energy at www.getintoenergy.com

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.

Energy Partners

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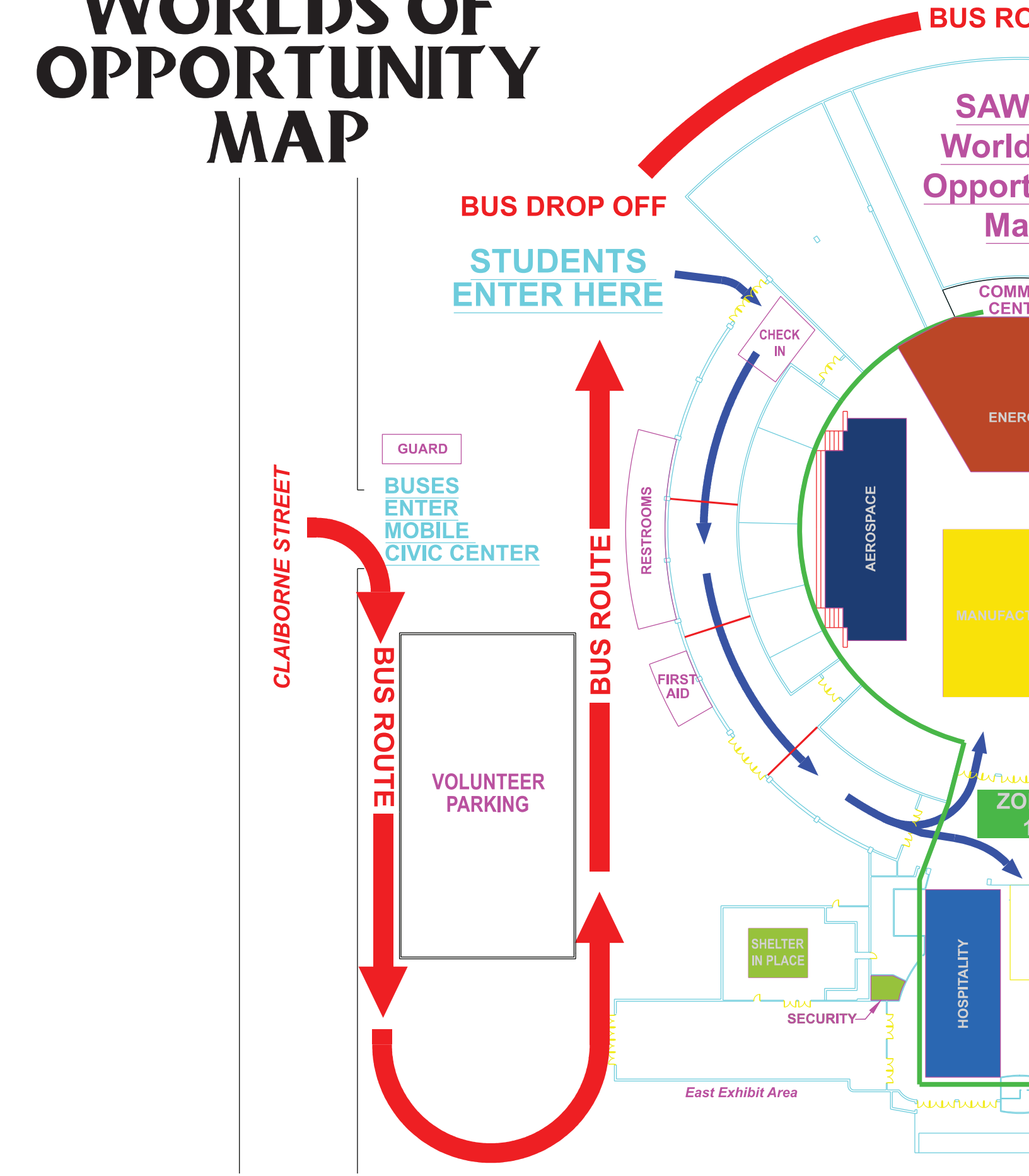
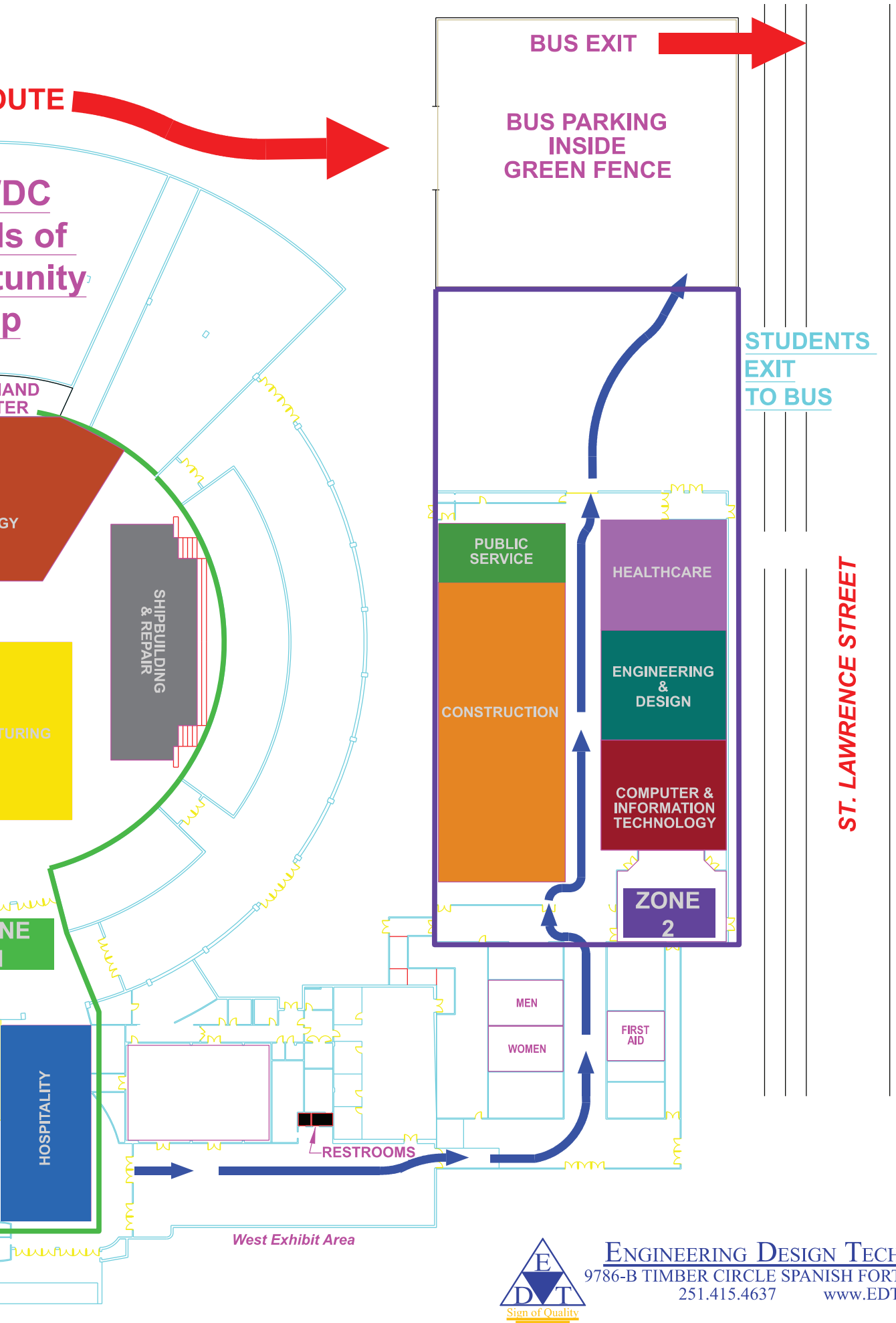
SAWDC WORLDS OF OPPORTUNITY MAP





ENGINEERING DESIGN TECHNOLOGIES, INC.
9786-B TIMBER CIRCLE SPANISH FORT, ALABAMA 36527
251.415.4637 www.EDTINC.net

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

Check Out This 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.

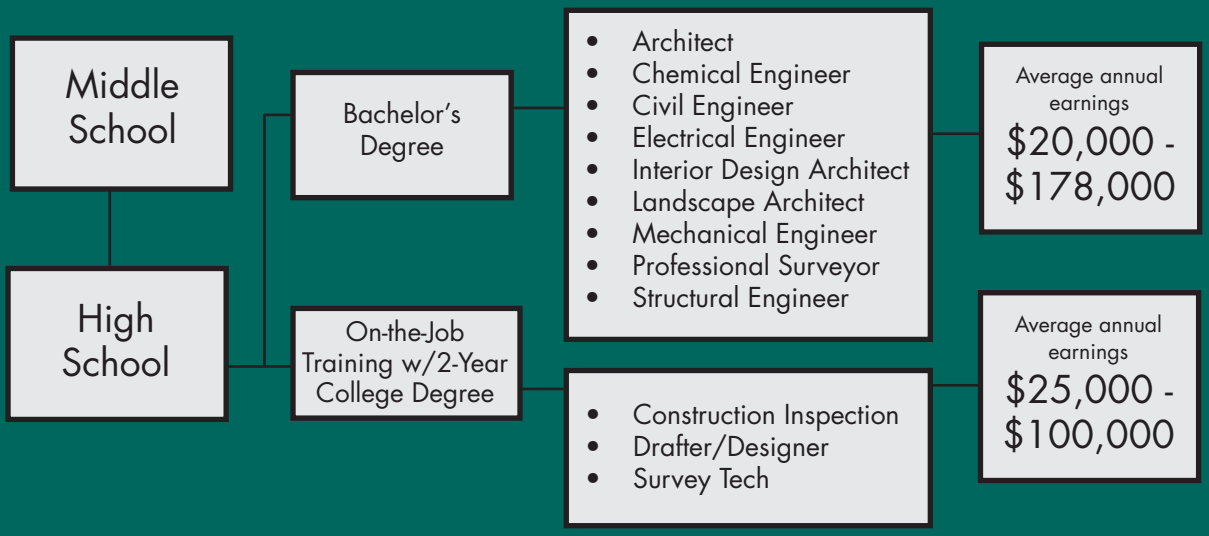
High-Wage, High-Demand Careers in Engineering & Design

Occupation:	Education Required:	Average Annual Salary:
Architect	Bachelor's Degree	$56,000 – $144,000
Landscape Architect	Bachelor's Degree	$42,000 – $107,000
Chemical Engineer	Bachelor's Degree	$73,000 – $178,000
Civil Engineer	Bachelor's Degree	$51,000 – $133,000
Structural Engineer	Bachelor's Degree	$51,000 – $133,000
Electrical Engineer	Bachelor's Degree	$61,000 – $156,000
Mechanical Engineer	Bachelor's Degree	$64,000 – $143,000
Professional Surveyor	Bachelor's Degree	$31,000 – $88,000
Interior Design Architect	Bachelor's Degree	$20,000 – $79,000
Junior Designer	Associates Degree/Bachelor's Degree	$40,000
Senior Designer	Associates Degree/Bachelor's Degree	$62,500
Art Director	Associates Degree/Bachelor's Degree	$67,500
In-House Creative Director	Associates Degree/Bachelor's Degree	$70,000
Agency Creative Director	Associates Degree/Bachelor's Degree	$100,000
Drafter/Designer	OJT/Community College	$34,000 – $63,000
Survey Tech	OJT/Community College	$25,000 – $75,000
Construction/Inspection	OJT/Community College	$34,000 – $72,000
User Experience Designer		$80,000
Self Employed Designer		$60,000
Design Firm Owner/Principal/Partner		$120,000

*OJT = On-the-Job Training

Salary ranges are provided by the Alabama Department of Labor.

Career Paths in Engineering & Design



Engineering & Design Partners

Alabama Department of Transportation

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University of South Alabama College of Engineering

Bishop State — A Great Place To Start™

J.H. Wright & Associates — Pumps & Process Equipment

MAWSS — Mobile Area Water & Sewer System

CQ Engineering — The CQ Group, LLC

EDT — Sign of Quality

Dauphin Island Sea Lab — Alabama

AIGA Mobile — the professional association for design

hargrove — engineers+constructors

Vibrant Futures

Technical Training Aids — Serving Education for 50 Years

All worlds represented in this career expo require employees to be drug free.

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

Check Out This 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.

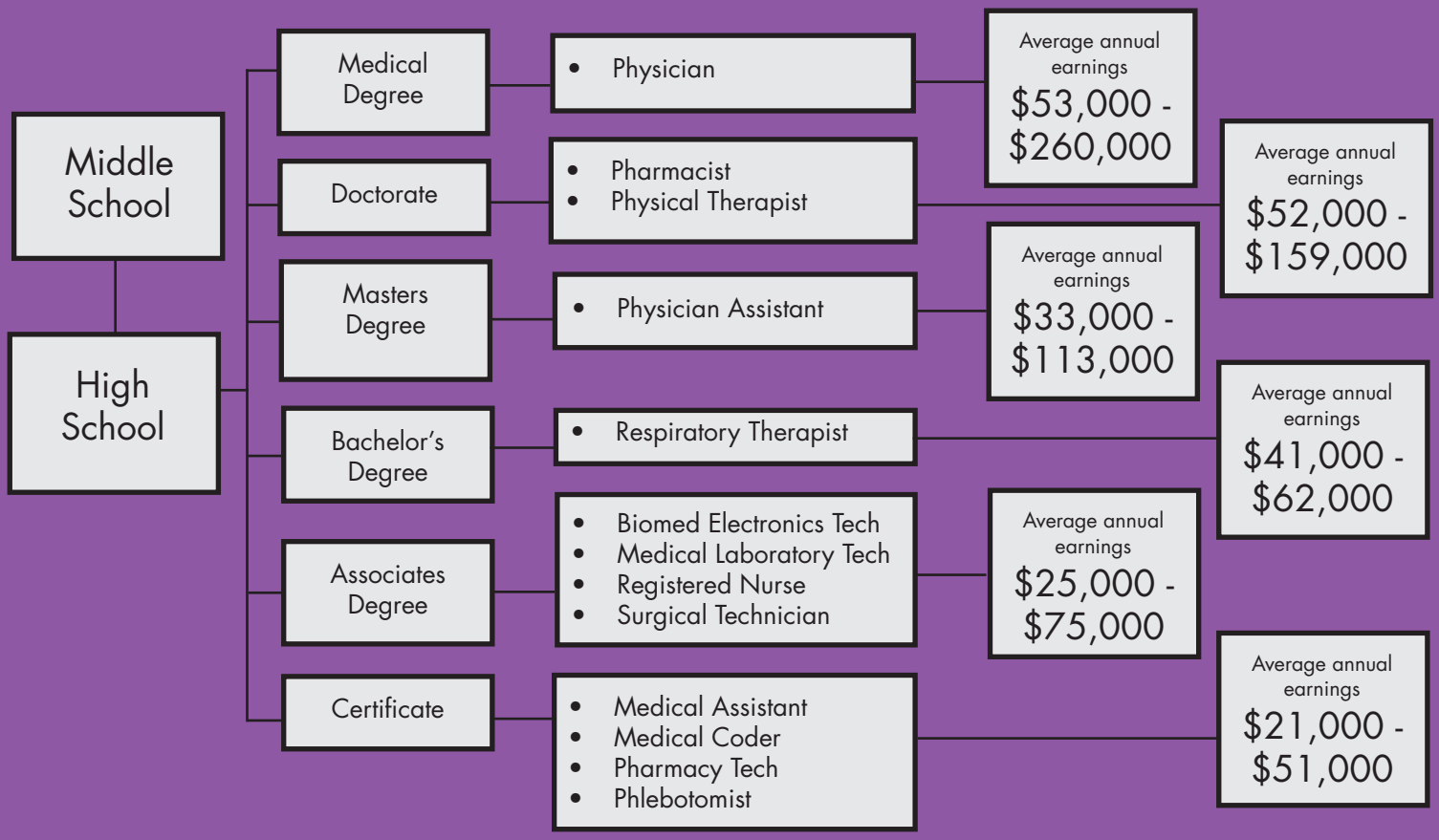
High-Wage, High-Demand Careers in Healthcare

Occupation:	Education Required:	Average Annual Salary:
Physician	Medical Degree	$53,000 – $260,000
Pharmacist	Doctorate	$90,000 – $159,000
Physical Therapist	Doctorate	$52,000 – $131,000
Physician Assistant	Master's Degree	$33,000 – $113,000
Respiratory Therapist	Bachelor's Degree	$41,000 – $62,000
Registered Nurse	Associates Degree	$43,000 – $75,000
Medical Laboratory Tech	Associates Degree	$26,000 – $65,000
Surgical Technician	Associates Degree	$27,000 – $46,000
Biomed Electronics Tech	Associates Degree	$25,000 – $46,000
Pharmacy Tech	Certificate	$21,000 – $38,000
Medical Coder	Certificate	$22,000 – $51,000
Medical Assistant	Certificate	$21,000 – $37,000
Phlebotomist	Certificate	$23,000 – $42,000

Salary ranges are provided by the Alabama Department of Labor.

For more careers, visit www.bayareahealthcarecoalition.com

Career Paths in Healthcare



Healthcare Partners

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INFIRMARY HEALTH

MCHD mobile county health department
A legacy of excellence since 1816

All worlds represented in this career expo require employees to be drug free.

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

Check Out This 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.

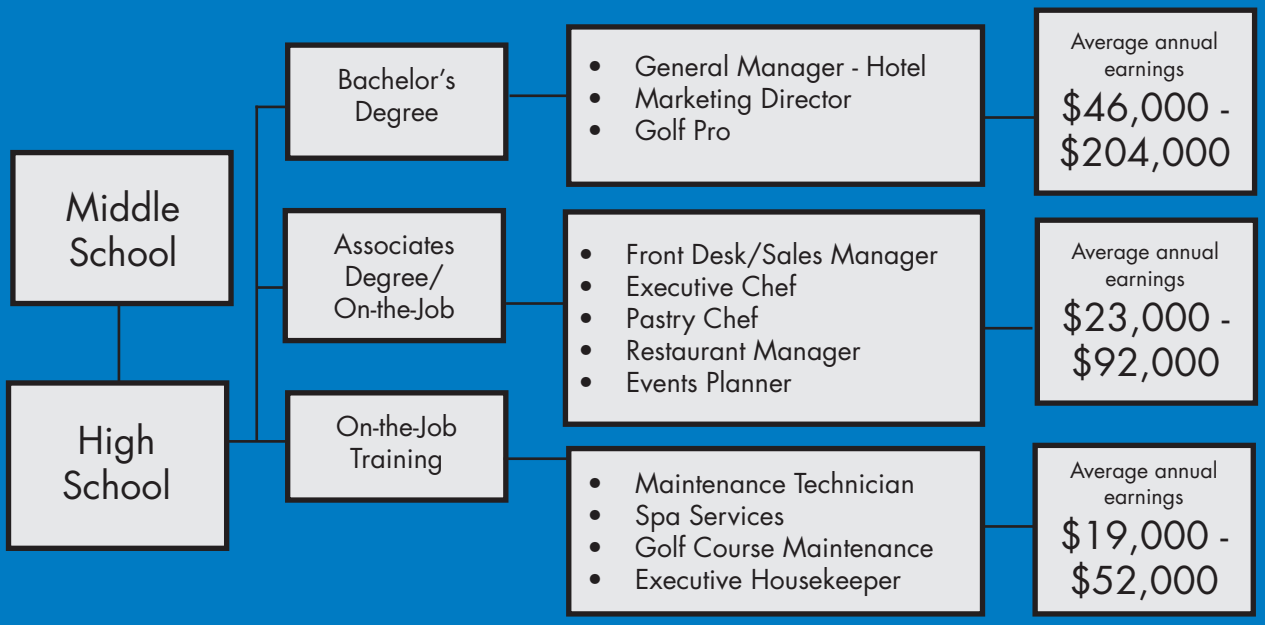
High-Wage, High-Demand Careers in Hospitality & Tourism

Occupation:	Education Required:	Average Annual Salary:
Marketing Director	Bachelor's Degree	$46,000 – $175,000
General Manager - Hotel	Bachelor's Degree	$45,000 – $204,000
Golf Pro	Bachelor's Degree	***
Restaurant Manger	Associates Degree	$33,000 – $92,000
Events Planner	Associates Degree	$23,000 – $73,000
Executive Chef	Associates Degree	$33,000 – $75,000
Pastry Chef	Associates Degree	$33,000 – $75,000
Front Desk/Sales Manager	Associates Degree	$30,000 – $75,000
Executive Housekeeper	OJT	$23,000 – $52,000
Golf Course Maintenance	OJT	$20,000 – $38,000
Spa Services	OJT	$19,000 – $36,000
Maintenance Technician	OJT	$21,000 – $52,000

*OJT = On-the-Job Training

Salary ranges are provided by the Alabama Department of Labor.

Career Paths in Hospitality & Tourism



Hospitality & Tourism Partners

All worlds represented in this career expo require employees to be drug free.

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

Check Out This 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.

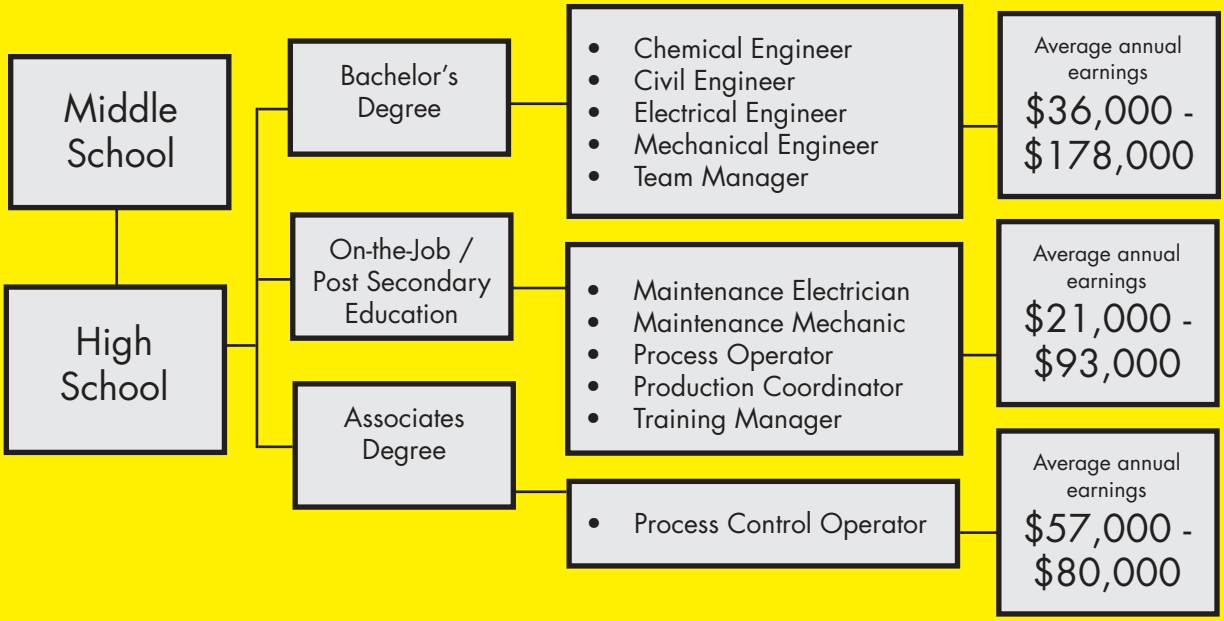
High-Wage, High-Demand Careers in Manufacturing

Occupation:	Education Required:	Average Annual Salary:
Chemical Engineer	Bachelor's Degree	$73,000 – $178,000
Civil Engineer	Bachelor's Degree	$51,000 – $133,000
Electrical Engineer	Bachelor's Degree	$61,000 – $156,000
Mechanical Engineer	Bachelor's Degree	$64,000 – $143,000
Team Manager	Bachelor's Degree	$36,000 – $104,000
Training Manager	OJT/Secondary Education	$32,000 – $85,000
Production Coordinator	OJT/Secondary Education	$24,000 – $93,000
Maintenance Electrician	OJT/Secondary Education	$21,000 – $52,000
Maintenance Mechanic	OJT/Secondary Education	$21,000 – $52,000
Process Operator	OJT/Secondary Education	$31,000 – $96,000
Process Control operator	Associates Degree	$57,000 – $80,000

*OJT = On-the-Job Training

Salary ranges are provided by the Alabama Department of Labor.

Career Paths in Manufacturing



Manufacturing Partners

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All worlds represented in this career expo require employees to be drug free.

PUBLIC SERVICE

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

Check Out This Cool Career...

Police Officer

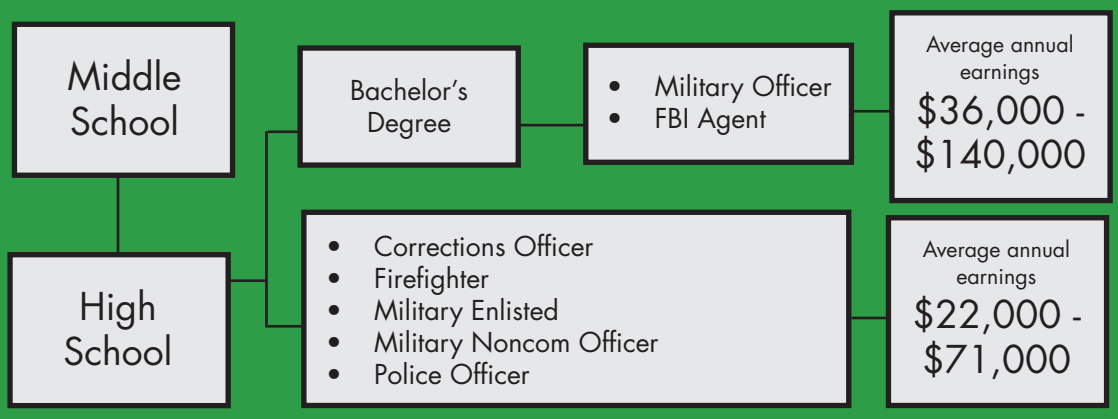
Police officers work in partnership with the communities they serve to maintain law and order, protect members of the public and their property, prevent crime, reduce the fear of crime and improve the quality of life for all citizens. They use a wide range of technology to protect individuals, identify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

High-Wage, High-Demand Careers in Public Service

Occupation:	Education Required:	Average Annual Salary
FBI Agent	Bachelor's Degree	$36,000 – $124,000
Military Officer	Bachelor's Degree	$37,000 – $140,000
Military Enlisted	High School Diploma	$22,000 – $45,000
Military Noncom Officer	High School Diploma	$22,000 – $45,000
Corrections Officer	High School Diploma	$35,000 – $71,000
Police Officer	High School Diploma	$31,000 – $63,000
Firefighter	High School Diploma	$26,000 – $50,000

Salary ranges are provided by the Alabama Department of Labor.

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

Public Service Partners

United States Air Force

United States Army

United States Coast Guard

United States Marine Corps

United States Navy

Mobile Police Department

Mobile Fire & Rescue

Alabama State Trooper

Mobile County Sheriff/Deputy

Marine Police/ Resources

AMERICAN SOCIETY OF SAFETY PROFESSIONALS
Mobile Chapter

All worlds represented in this career expo require employees to be drug free.

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?

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 craftsperson 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

Check Out This Cool Career...

Marine Composite Mechanic

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

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

Occupation:	Education Required:	Average Annual Salary:
Marine Engineer	Bachelor's Degree	$56,000 – $128,000
Naval Architect	Bachelor's Degree	$56,000 – $128,000
Composite Fitter	OJT/Community College	$33,000 – $62,000
Composite Mechanic	OJT/Community College	$27,000 – $45,000
Carpenter	Apprenticeship/OJT	$28,000 – $59,000
Scaffold Mechanic	Apprenticeship/OJT	$28,000 – $59,000
Electrician	Apprenticeship/OJT	$33,000 – $65,000
Pipefitter	Apprenticeship/OJT	$30,000 – $61,000
Sheet Metal Worker	Apprenticeship/OJT	$27,000 – $48,000
Rigger	Apprenticeship/OJT	$34,000 – $62,000
Machinist	Apprenticeship/OJT	$33,000 – $62,000
Welder	Apprenticeship/OJT	$36,000 – $63,000
Shipfitter	Apprenticeship/OJT	$25,000 – $52,000
Painter	Apprenticeship/OJT	$27,000 – $47,000

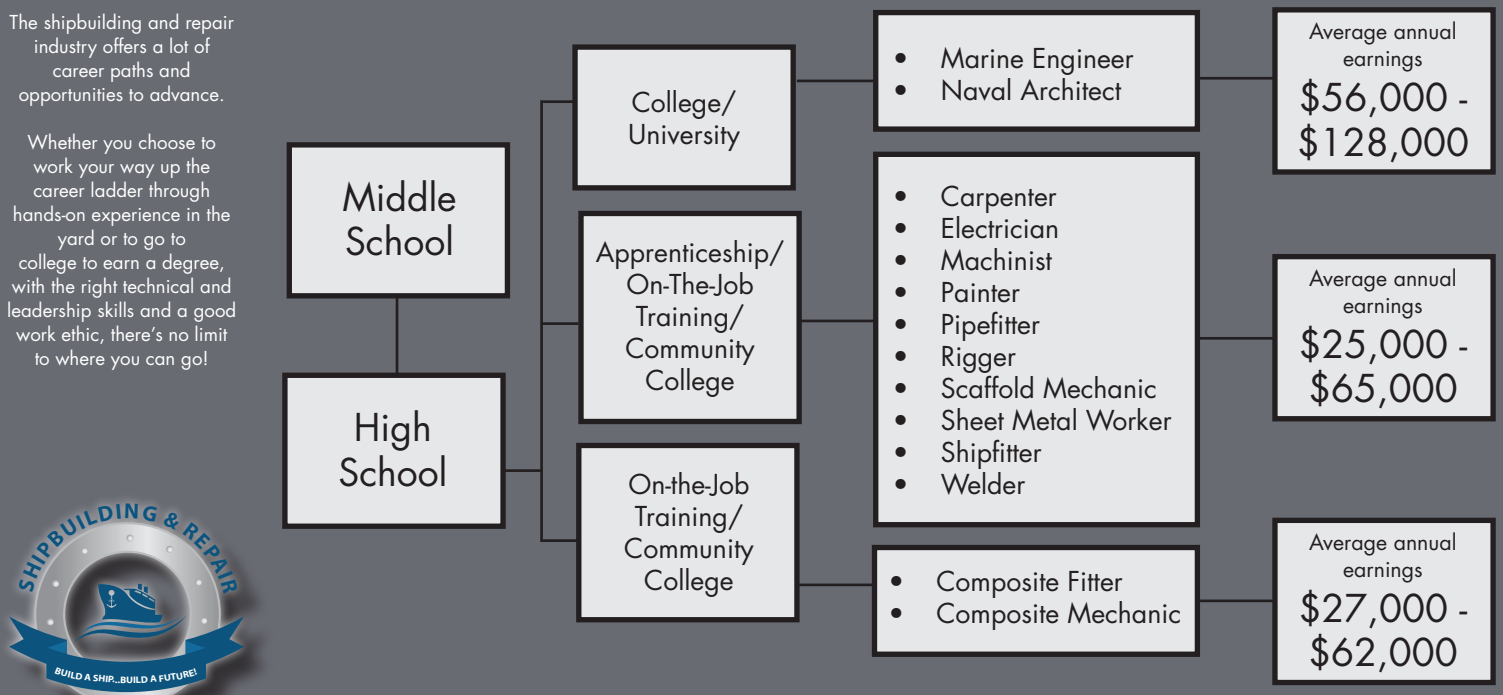
*OJT = On-the-Job Training

Salary ranges are provided by the Alabama Department of Labor.

Career Paths in Shipbuilding & Repair

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!



Shipyards in Your Area

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WESCO Gas & Welding Supply Inc.

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GSSC Gulf States Shipbuilders Consortium

MMA Mississippi Manufacturers Association

All worlds represented in this career expo require employees to be drug free.

NOTES

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Mahir Butt, Mobile Area Water and Sewer System
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CONSTRUCTION
Charlotte Kopf, Alabama AGC- Mobile Section
Lesleigh Smith, Performance Contractors

ENERGY
Sharon Cureton, Riviera Utilities
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HOSPITALITY & TOURISM
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Ed Bushaw, South Baldwin Chamber of Commerce

MANUFACTURING
Marlo Goodway, AIDT

PUBLIC SERVICE
Gary Gamble, City of Mobile
Jonathan Geary, Mobile County Sheriff's Dept.
Dwight Smith, Mobile Fire & Rescue

SAFETY
Torrey Garrison, Performance Contractors
Charlotte Kopf, Alabama AGC

SHIPBUILDING & REPAIR
Audrey Kennedy, Gulf States Shipbuilders Consortium
Judy Miller, Wesco Gas & Welding Supply

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Elecia Scott, Project Coordinator
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THANK YOU

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 2019 investors:

GP
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