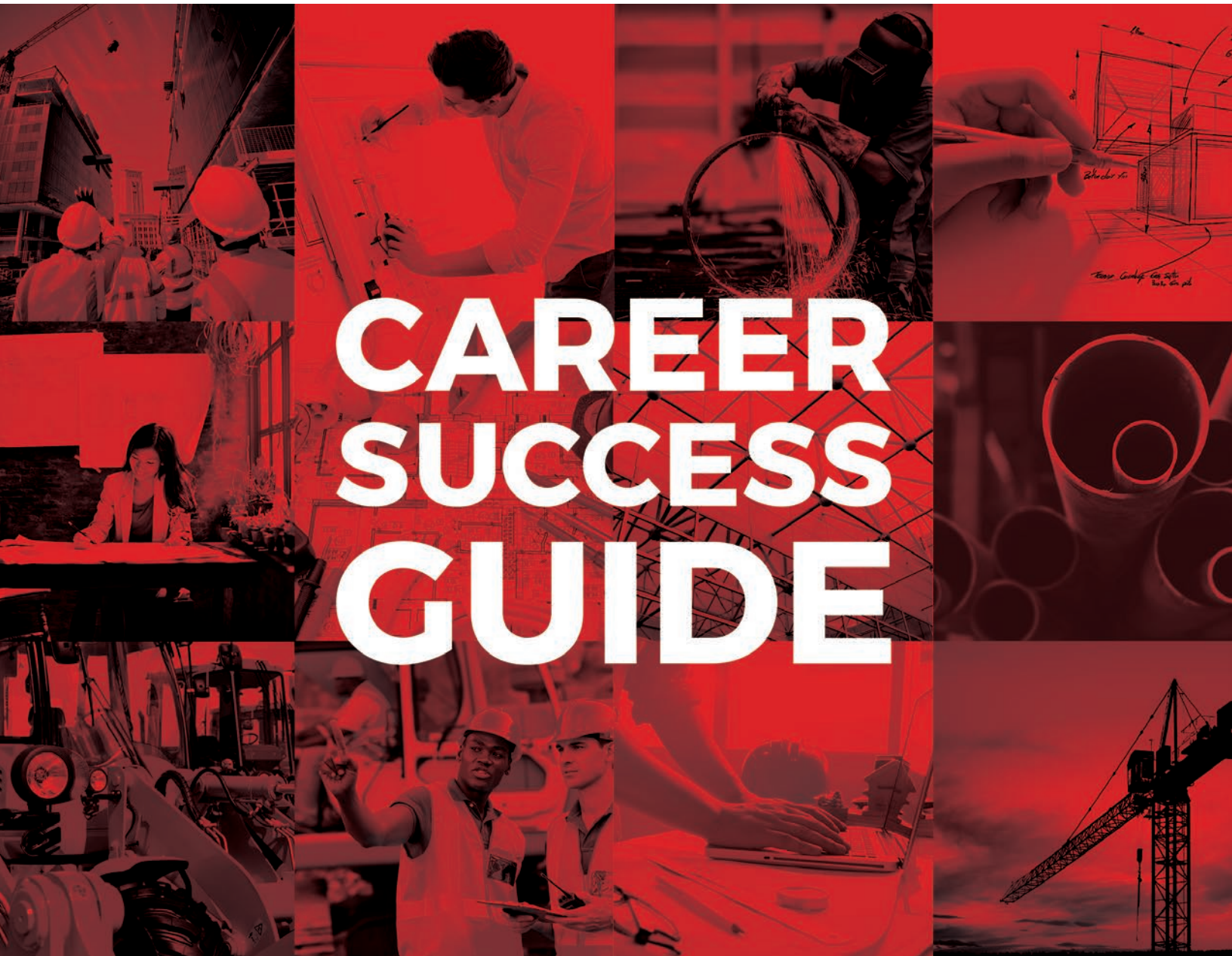




## ARCHITECTURE & CONSTRUCTION



# CAREER SUCCESS GUIDE

Great Career Ideas • Creating Your Plan • College Resources



**Kay Ivey, Governor of Alabama**

## A MESSAGE FROM THE GOVERNOR

As I've said on many occasions, our people are Alabama's greatest strength, especially our young people, who hold the state's future in their hands. As the guardians of our state's future, students deserve every possible tool to help them—and Alabama—succeed in all areas.

To achieve this, we have created the Alabama SUCCESS Guides, which are designed to assist students in identifying resources regarding

careers, postsecondary education and financial literacy. Through our students, we are positioning our state for even greater accomplishments. They will be well-equipped for careers in Alabama's workforce which will allow them to compete—and excel—in our global economy.

This Alabama SUCCESS Guide is an excellent tool in helping our students of today become our leaders of tomorrow.

# ATTENTION PARENTS!

This guide is part of a series created to help students in Alabama learn more about high-demand careers, salaries, the steps they need to take to reach their goals, and the resources that can help them get there.

The workforce has changed since you entered it. Many of the jobs that exist today were not even created when you graduated from high

school, and the pace of change is faster than ever! However, since work skills are transferable to many jobs, by helping your student connect with what they learn in the classroom to real jobs that interest them, they will graduate better equipped for life after high school.

Thank you for talking with your child about what careers interest them – and why. You can help them by

sharing your own work experiences with your child. Ask people in your community who work in jobs that interest your child to share about their careers or let your child visit their workplace. And last, but not least, go with your child to meet with their school counselor or career coach to get them moving in the right direction. Help them prepare for their future...today.





# WHAT EMPLOYERS WANT

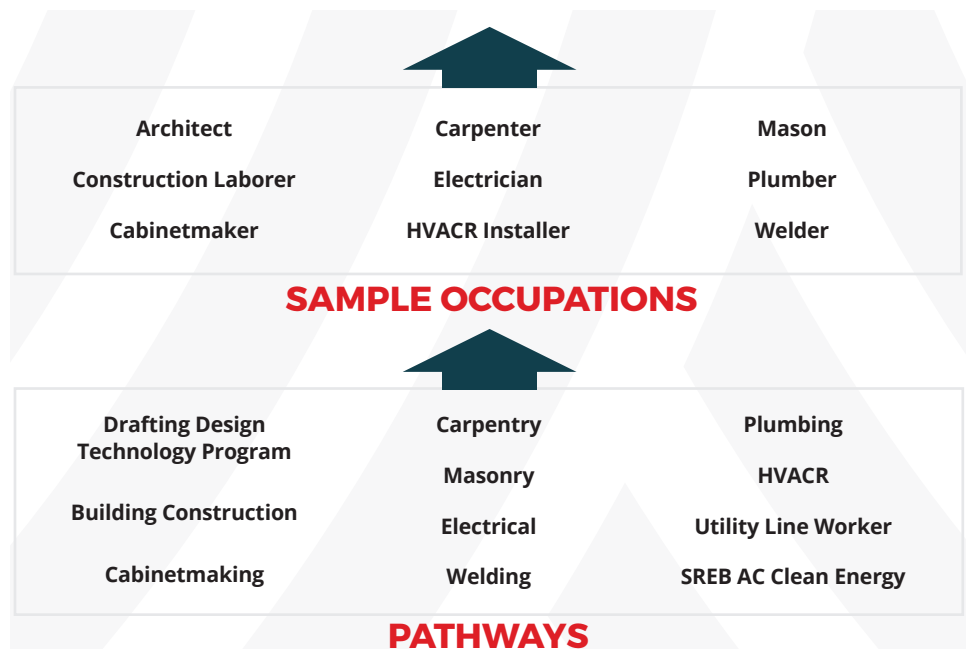
**JASON PHELPS**  
**EXECUTIVE DIRECTOR**  
**ALABAMA CONSTRUCTION RECRUITMENT INSTITUTE**

“**NOT ALL ARCHITECTURE & CONSTRUCTION JOBS ARE CONNECTED TO NEW BUILDING PROJECTS.** The construction industry in Alabama is running over with opportunities for people interested in this career path. Employers are seeking individuals that are willing to work hard, make safety a priority, show initiative on the job site, and make a difference in their communities. Some of the skills that are important to construction employers are problem solving, attention to detail, and the ability to effectively communicate ideas to others. Also, math skills are very important and used daily by every occupation across the industry, from the architect to the welder.

Alabama students have an exciting opportunity to begin learning and using the skills that construction employers are looking for by enrolling in a Career and Technical Education course. These courses provide the opportunity to apply their academic skills in real work situations while developing new career skills which will be beneficial to them whether they plan to attend a university, enter an apprenticeship program, or go straight to work after they graduate. The opportunities are there for anyone willing to work for it. Get ready to start a construction career path and Go Build Alabama! ”

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**CLUSTER: ARCHITECTURE & CONSTRUCTION**

# THINK AGAIN

Now is the time to take a fresh look at Architecture & Construction careers you may not have considered before.

**MYTH:** Architecture & Construction jobs are only available when there is new construction going on.

**FACTS:** Not all Architecture & Construction jobs are connected to new building projects. At a given time, any number of companies and individuals are renovating or adding on to existing structures in their businesses or at their homes. Owners of everything from office buildings to schools are constantly seeking new life for their buildings: a great opportunity for young professionals in this career cluster to specialize in renovation and restorations. Plus, as more and more companies look to “Go Green” with their building projects, an entire new sector of jobs is opening up in the Architecture & Construction cluster.

# REALITY CHECK

**WHAT IT COSTS TO LIVE ON YOUR OWN IN ALABAMA**  
 Estimated 2017-2018 monthly expenses for a 22 year-old living in Birmingham.

**NOTE:** Keep in mind that your paycheck will be reduced by about 30 percent to cover taxes, retirement, and insurance. What’s left is known as your “take-home pay.” Subtract 30 percent from the salaries shown on pages 5 and 6 to get a more accurate take-home amount.

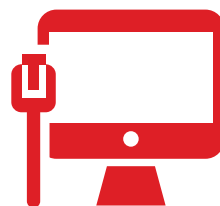
**Groceries:**  
 \$350-\$400



**Mobile Phone:**  
 \$55



**Cable and Internet:**  
 \$80



**Gasoline:**  
 \$100  
 (1,000 miles @ \$3.00 per gallon, 30 mpg)



**Rent and Utilities:**  
 \$700-\$850  
 (1 Bedroom)



**Car Payment:**  
 \$350-\$450  
 (Used 2016)

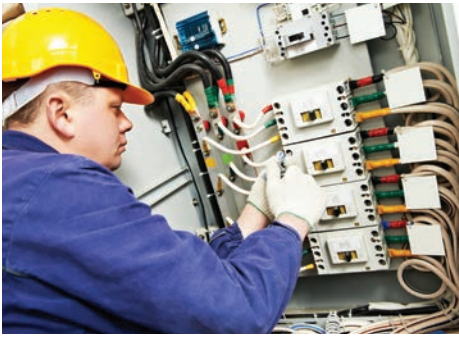


**Car Insurance:**  
 \$60-\$125  
 (6-Month Policy)



**Sources:**  
 RENT: [rentbits.com/rb/t/rental-rates/birmingham-al](http://rentbits.com/rb/t/rental-rates/birmingham-al)  
 CAR: [carsdirect.com](http://carsdirect.com)  
 MOBILE PHONE: [att.com](http://att.com), [verizon.com](http://verizon.com)  
 GROCERIES: [bestplaces.net](http://bestplaces.net)  
 CABLE AND INTERNET: [birmingham.mybriighthouse.com](http://birmingham.mybriighthouse.com)  
 CAR INSURANCE: [progressive.com](http://progressive.com)  
 GAS: [gasbuddy.com](http://gasbuddy.com)





## ELECTRICIAN

**Job Description:** Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes. May install or service street lights, intercom systems, or electrical control systems.

**Education:**

High school diploma or equivalent

**Salary Range:** \$32,975 – \$53,545



## HEATING, AIR CONDITIONING & REFRIGERATION MECHANIC & INSTALLER

**Job Description:** Install or repair heating, central air conditioning, or refrigeration systems, including oil burners, hot-air furnaces, and heating stoves.

**Education:**

Postsecondary non-degree award, license

**Salary Range:** \$29,459 – \$45,285



## PLUMBER, PIPEFITTER, OR STEAMFITTER

**Job Description:** Assemble, install, alter, and repair pipelines or pipe systems that carry water, steam, air, or other liquids or gases. May install heating and cooling equipment and mechanical control systems. Includes sprinklerfitters.

**Education:**

High school diploma or equivalent

**Salary Range:** \$30,453 – \$47,975



## ELECTRICAL POWER-LINE INSTALLER AND REPAIRER

**Job Description:** Install or repair cables or wires used in electrical power or distribution systems. May erect poles and light or heavy duty transmission towers.

**Education:**

High school diploma or equivalent

**Salary Range:** \$46,893 – \$75,441



## CONSTRUCTION LABORER

**Job Description:** Perform tasks involving physical labor at construction sites. May operate hand/power tools of all types: air hammers, earth tampers, cement mixers, small mechanical hoists, surveying/measuring equipment, and a variety of other equipment and instruments. May clean/prepare sites, dig trenches, set braces to support excavations, erect scaffolding, clean up rubble/debris and other waste materials. May assist other craft workers.

**Education:**

No formal education credential

**Salary Range:** \$20,662 – \$32,079



## MAINTENANCE AND REPAIR WORKER, GENERAL

**Job Description:** Perform work involving the skills of two or more maintenance or craft occupations to keep machines, mechanical equipment, or the structure of an establishment in repair. Duties may involve pipe fitting; boiler making; insulating; welding; machining; carpentry; repairing equipment; installing, & aligning/balancing new equipment; and repairing buildings.

**Education:**

High school diploma or equivalent

**Salary Range:** \$25,003 – \$45,111





### **OPERATING ENGINEER OR OTHER CONSTRUCTION EQUIPMENT OPERATOR**

**Job Description:** 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. May repair and maintain equipment in addition to other duties.

**Education:**

High school diploma or equivalent

**Salary Range:** \$28,456 – \$43,456



### **CARPENTER**

**Job Description:** 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. May also install cabinets, siding, drywall and batt or roll insulation. Includes brattice builders who build doors or brattices (ventilation walls or partitions) in underground passageways.

**Education:**

High school diploma or equivalent

**Salary Range:** \$24,955 – \$41,510



### **HELPER-INSTALLATION, MAINTENANCE & REPAIR WORKER**

**Job Description:** Help installation, maintenance, and repair workers in maintenance, parts replacement, and repair of vehicles, industrial machinery, and electrical and electronic equipment. Perform duties such as furnishing tools, materials, and supplies to other workers; cleaning work area, machines, and tools; and holding materials or tools for other workers.

**Education:**

High school diploma or equivalent

**Salary Range:** \$17,639 – \$29,029



### **ARCHITECTURAL AND ENGINEERING MANAGER**

**Job Description:** Plan, direct, or coordinate activities in such fields as architecture and engineering or research and development in these fields.

**Education:** Bachelor's Degree

**Salary Range:** \$99,980 – \$162,568



### **HELPER-ELECTRICIAN**

**Job Description:** Help electricians by performing duties requiring less skill. Duties include using, supplying or holding materials or tools, and cleaning work area and equipment.

**Education:**

High school diploma or equivalent

**Salary Range:** \$20,775 – \$31,626



### **CONSTRUCTION MANAGER**

**Job Description:** Plan, direct, or coordinate activities concerned with the construction and maintenance of structures, facilities, and systems. Assist in the design of a construction project and oversee its organization, scheduling, budgeting, and implementation..

**Education:** Bachelor's degree

**Salary Range:** \$61,305 – \$108,416

## HARRIS GARNER PRESIDENT

GARNER ELECTRIC, INC.

Graduate of Stanhope Elmore High School  
Millbrook, AL

Today, I control the day-to-day management of an Electrical Contracting and Service company. My primary focus is growing my business. I was always intrigued by electricity and the sciences. I wanted to be an Electrical Engineer, but did not make wise early choices about my career path. I went straight to work and started a family after a brief stint in the Navy instead of continuing my education. I soon realized that I needed to further educate myself thru apprenticeship training so that I could advance my career and earning potential. I spent four years attending apprenticeship classes at night

while raising twin sons, then took the state certification test and received my Alabama Master Electrician License. I continued taking college classes at night but had to stop due to lack of local engineering courses offered at night. I also realized that it was not going to be economically feasible for me to quit working full time and to go back to school full time to pursue an Engineering degree with a family to provide for. So I decided to go into the Electrical Contracting business and started my own company. I haven't looked back since. I love building electrical systems

from the ground up and seeing my hard work come to life when a facility I worked on goes in operation or is lit up at night. This trade is challenging; it's hard work, and its not a quick way to instant success. But it feels good being dedicated to do the job right, and I enjoy what I do for a living. I would not change a thing!

**"It feels good being dedicated to do the job right, and I enjoy what I do for a living."**

## DYLAN HOPPER SERVICE TECHNICIAN

POWER SOUTH ENERGY COOPERATIVE

Graduate of Robertsdale High School  
Robertsdale, AL

I provide preventative maintenance and repair on transmission power lines and substation equipment. I see myself continuing to develop and hone my skills and eventually earn a leadership role within the company and becoming a crew leader/foreman. Growing up working on the family farm I always thought I wanted to be a farmer. Through grade school and high school I was always a part of 4-H and Future Farmers of America as well as career tech programs. I loved working with my hands and accomplishing the challenges that were given to me. After graduating, I realized farming

**"I chose a skill and learned the trade, and now I consider myself successful and am accomplishing my goals."**

wasn't going to provide what I wanted for the future. So with the help of family and friends I made the hardest decision of my life and began a career in the electrical industry. At first I didn't know if this was what I wanted to do for the rest of my career. Turns out I love the work and the challenges. It provides a

good life for me and my family, plus now also the ability to venture into farming again. In life you need to set personal goals. I wanted to farm, but it just didn't happen for me overnight like I wanted. I chose a skill and learned the trade, and now I consider myself successful and am accomplishing my goals. Technical careers give people like me who didn't want to go to college an opportunity to learn a trade, apply it, and be successful. Learning and gaining the knowledge necessary to do your job comes easy if you show that you're going to put the effort in and work hard to achieve your goals.

## TIM BLY FACILITY MAINTENANCE

CITY OF GADSDEN

Graduate of Gadsden City High School  
Gadsden, AL

I work for Facility Maintenance for the City of Gadsden. I maintain and repair all city-owned buildings. I learn something new every day and continue to improve myself doing whatever the job requires!

From when I was young I knew I would end up working with my hands instead of behind a desk. I have memories with my dad building and maintaining houses from when I was seven, and he's still doing it. He sparked my interest by having me with him a majority of the time while he worked. So by the time I was

in high school I was very interested in their technical program. I ended up taking all of the HVAC/R classes they offered, and graduated with a HVAC/R diploma. The instructor was great. He was very hands on and made it easy for a young kid to understand. So without the influence of my dad and my instructor, I really don't see how I would have ended up making the living that I do now!

I began working for the City of Gadsden after I graduated high school with every intention to get into the Facility Maintenance

department, but I had to work my way up to get there. Whether it's electrical, HVAC/R, or construction, I am willing to do whatever it takes to get the job done and to do it right. I put in the long hours, pay attention to detail, and am always learning from others. Being punctual, trustworthy, and always trying to be the hardest worker in the room has gotten me far!

**"I...continue to improve myself doing whatever the job requires!"**





## THORNTON RATLIFF

DEVELOPMENT MANAGER

DOBBINS GROUP

Graduate of Mountain Brook High School  
Mountain Brook, AL

Our firm builds apartment communities all across the South. My role is to plan and coordinate the predevelopment and design work and then see the project through construction and lease up.

Like many high school students, a full time career was something far from my mind. But my teachers introduced us to real world professionals – one of which sparked my interest in real estate. I worked with contractors, mortgages bankers, and brokers before I realized that real estate development was where my heart was. After my junior

year and an internship with a local real estate developer, I worked each summer in the real estate field. Upon graduation, I accepted a job with a Real Estate Investment Trust (REIT) in Birmingham. After two years there, I knew if I wanted to fulfill my dream to be a developer I had to get my master's degree. I enrolled at Auburn University, and upon the completion of my master's program, I was hired by my

**“If I wanted to fulfill my dream to be a developer I had to get my master's degree.”**

current employer.

Real estate development and construction management is very demanding but amazingly satisfying; you take an idea and ultimately create a multi-million dollar community. Seeing a project through from initial concept to its eventual completion is an unbelievable experience. Many jobs require you to be a self-starter and real estate development is no exception. Additionally you cannot be afraid to fail or take risks – so long as you learn from them. Work is no different from life; you get exactly what you put into it. Maintaining a balance is key to long-term career success and happiness in life.

## JOHN GARRISON

PRESIDENT

GARRISON STEEL

Graduate of Hewitt-Trussville High School  
Trussville, AL

I am the owner and President of a \$30M steel construction business I started 25 years ago. I am proof that you don't have to have a college degree to be successful. Choosing something you are passionate about, putting in the hard work, and staying committed to your dream can be a path to success. The key is to stay focused and work harder than everyone around you.

**“Construction is not a dead-end career! It is in high demand, especially today!”**

I am a guy who struggled through high school but loved working with my hands and seeing things get built. I entered the steel trade and after many years of loving what I do, I decided to start my own business. The steel construction industry pays very well, but you must work very hard and be punctual and present for work every day. That hard work paid off for me, and I believe it can for other young people. Construction trades that train their workers usually get the better people who make good money doing the work. Construction is not a dead-end career! It is

in high demand, especially today! A young person who likes it and is willing to go to work every day and learn (and never stop learning) can have an opportunity for a manager's job, or even better, own their own company. The industry is severely short of workers, and good ones can just about name their own price, but you have to be good at what you do. Go to a trade school, get trade training, and seek an opportunity with a good company who will further your learning, and you will be happy you did! The Ironworking trade pays great money, and the work is never dull or boring!

## JACKIE BLAKLEY

DIRECTOR, PROJECT IMPLEMENTATION

SOUTHERN COMPANY

Graduate of Baker High School  
Mobile, AL

My role is to oversee the construction of all of Southern Power's wind, solar, gas, and battery storage projects across the country.

One important attribute to any leader's success is that your role is not about you, it is about building a strong team that ultimately doesn't need you to get their job done. I make sure my team knows that when they run into problems, I am here to support them and help them be successful. I do, however, expect them to bring solutions or ideas on how the problem can be solved.

When I was a young child, I always wondered about how things work. I had a wonderful math teacher that inspired me and made me want to become one, too. When I was in high school, I took an interest survey, and it said I would make a great electrical engineer. So I enrolled as an electrical engineering student at the University of Alabama. I found out that I didn't like the basic circuits classes you needed to be an electrical engineer, but I did like many other courses that were more for mechanical engineers. Once I graduated, I decided to interview with other companies in different

industries and ended up working with Exxon in their offshore construction division. Then I came to work for Southern Company eleven years ago. I have been working in construction projects my whole career, and I can say that all of the various experiences I have had during the changes in my career have helped me have a more successful career today. It takes lots of changes sometimes to finally know when you've found your passion!

**“I always wondered about how things work.”**



# MAKE A PLAN

## SIT DOWN WITH YOUR PARENTS AND COUNSELOR AND CREATE A PLAN

Map out an Alabama Education Plan (sample below) based on your interests, strengths, and possible career goals. Your plan outlines the courses and electives you'll take in high school, plus related co-curricular organization and career preparation experiences. Your school counselor or career coach will work with you to determine the learning experiences needed for you to complete your plan, such as using distance learning or earning college credit from your local community college. Below is a sample Alabama Education Plan for you to use as a guide.

### SAMPLE EDUCATION PLAN FOR THIS CAREER CLUSTER

GRADE 9	GRADE 10	GRADE 11	GRADE 12
FRESHMAN YEAR	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
English 9 Algebra I Physical Science World History *Career Preparedness *LIFE PE **Elective	English 10 Geometry Biology United States History 10 *Health/Elective **Elective **Elective	English 11 Algebra II with Trig Chemistry United States History 11 **Elective **Elective **Elective	English 12 Pre-Calculus Physics US Government/Economics **Elective **Elective **Elective

\*Other Required Courses

\*\*Career & Technical Education and/or Foreign Language and/or Arts Education (3 Credits)

## ARCHITECTURE & CONSTRUCTION CLUSTER COURSES

Advanced Architectural Design	Intermediate Architectural Design	NCCER HVAC I	Plumbing and Pipefitting I
Advanced Drafting Design	Intermediate Drafting Design	NCCER HVAC II	Plumbing and Pipefitting II
Cabinetmaking I	Introduction to Architectural Design	NCCER HVAC III	Plumbing and Pipefitting III
Cabinetmaking II	Introduction to Drafting	NCCER Masonry I	Safety and Health Regulations
Cabinetmaking III	NCCER Carpentry I	NCCER Masonry II	Senior Career Pathway Project
Clean Energy Applications	NCCER Carpentry II	NCCER Masonry III	Structural Drafting
Clean Energy Innovations	NCCER Carpentry III	NCCER Welding I	3D Solid Model Design I
Clean Energy Strategies	NCCER Electrical Technologies I	NCCER Welding II	3D Solid Model Design II
Clean Energy Systems	NCCER Electrical Technologies II	NCCER Welding III	Utility Line Workers Foundation
CNC Wood Technology I	NCCER Electrical Technologies III	NCCER Welding IV	Utility Line Workers Level I
CNC Wood Technology II			Utility Line Workers Level II

### CO-CURRICULAR

### WORK-BASED LEARNING

SkillsUSA  
FFA

Job Shadowing  
Internship

Work Experience  
Career Day/Fair

Field Trips  
Guest Speakers

# GETTING READY

## MAPPING OUT YOUR PROGRAM

### GRADE 8

- Research your career options based on your interests, talents, and goals.
- Create an Alabama Education Plan (see page 9).

### GRADE 9 FRESHMAN YEAR

- Choose a career cluster.
- Do your best work in all your classes. Course selection and grades really do count when you are applying to colleges and training programs.
- Keep a folder or portfolio of your activities, awards, accomplishments, and work experience, and add to it during your high school career.

### GRADE 10 SOPHOMORE YEAR

- Continue building the strongest possible academic record.
- Consider taking the ACT if you plan to apply to a two-year college or university in the future.
- Consider taking the PSAT (Preliminary SAT/National Merit Scholarship Test) if you plan to apply to a two-year college or university in the future.
- Use the information in your portfolio to create a resumé.
- Apply for summer jobs, internships, or volunteer activities related to your career cluster.

### GRADE 11 JUNIOR YEAR

- Take the PSAT/NMSQT.
- Use resources available at your school (books, online tools, college fairs, etc.) to research postsecondary education options related to your career goals.
- Register to take either the ACT or the SAT I and SAT II Subject Tests. (There are testing dates every month from January through June). Registration deadlines are approximately four weeks before each testing date.
- Apply for summer jobs, internships, and volunteer activities related to your career goals.
- Use [studentaid.ed.gov](http://studentaid.ed.gov) to determine your financial aid eligibility.

### GRADE 12 SENIOR YEAR

- In the fall, apply to postsecondary programs and retake any standardized college admissions tests if you would like to improve your score.
- Beginning in October, complete college financial aid forms. Deadlines and required data differ from school to school, so read the instructions carefully.
- In the spring, choose your postsecondary program on the basis of where you have been accepted, costs, etc.
- Continue doing your best work. All schools require a final transcript before making your acceptance official.

## COLLEGE PREP: GETTING ACCEPTED

The college admissions process can be stressful and a bit scary, especially if you are the first in your family to apply. Give yourself the best shot at getting into a college program that matches your goals by following these five steps:

### 1. MAKE THE GRADE

Your grade point average really does count, so do your best work on every assignment, pay attention in class, and participate in group discussions.

### 2. MAKE A LIST

Before you can apply to college, you have to figure out what you would like to study and what matters most to you (like college location, size, or religious affiliation). Use the college guides in your local library, school library, school counselor's or career coach's office to start making a list of colleges that interest you. Use online tools like [collegeboard.org](http://collegeboard.org) and [accs.cc](http://accs.cc) to learn more about each school and take virtual campus tours.

### 3. GET INVOLVED

Build teamwork and leadership skills by joining career technical student organizations, clubs, and teams at your school, volunteering for service projects, and participating in church or community activities.

### 4. PLAN FOR TEST

Most colleges want scores from the ACT, SAT, or SAT II tests. See what tests the schools on your list require, sign up to take them in time to include the scores on your application, and then practice the free SAT sample questions at [collegeboard.org](http://collegeboard.org) or sample ACT tests at [actstudent.org](http://actstudent.org).

### 5. BE NEAT AND COMPLETE

Before you send in a college application, double-check your spelling, make sure nothing is missing, and save a copy just in case you have to submit it again.

## PAYING YOUR WAY: FINANCIAL AID

Every Alabama student can afford to go to college. It just takes a little planning. Put your college dreams within financial reach by taking these five steps:

### 1. CONSIDER A COMMUNITY COLLEGE

Alabama's public and private two-year colleges offer an affordable way to earn an associate's degree or complete enough credits to transfer into a four-year school as a junior. Learn more at [accs.cc](http://accs.cc).

### 2. WEIGH YOUR OPTIONS

Attending one of Alabama's four-year public or private schools cuts travel costs and other living expenses, as compared to attending schools out of state. In addition, public schools offer reduced in-state tuition, and, if there's a college nearby, you can save even more by living at home.

### 3. RISE TO THE TOP

Apply to a couple of schools at which your grades and accomplishments put you near the top of the typical applicant pool.

### 4. DO A LITTLE DIGGING

More than one million local, national, and college-specific scholarships are available each year. Ask your school counselor or career coach for help finding printed scholarship resource guides. To find and apply for scholarships online, sign up for the free college scholarship search source [achievealabama.org](http://achievealabama.org).

### 5. APPLY FOR AID

Fill out the Free Application for Federal Student Aid (FAFSA) beginning on October 1 of your Senior year. FAFSA forms and instruction booklets are available at your school counselor's office and online at [studentaid.ed.gov](http://studentaid.ed.gov). Some schools also require the CSS/Financial Aid Profile form ([profileonline.collegeboard.org](http://profileonline.collegeboard.org)), and others have their own financial aid forms. Carefully read each college's application to know what forms you need to submit and when.



	AGRICULTURE, FOOD & NATURAL RESOURCES
	ARCHITECTURE & CONSTRUCTION
	ARTS, A/V TECHNOLOGY & COMMUNICATIONS
	BUSINESS MANAGEMENT & ADMINISTRATION
	EDUCATION & TRAINING
	FINANCE
	GOVERNMENT & PUBLIC ADMINISTRATION
	HEALTH SCIENCE
	HOSPITALITY & TOURISM
	HUMAN SERVICES
	INFORMATION TECHNOLOGY
	LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY
	MANUFACTURING
	MARKETING
	STEM
	TRANSPORTATION, DISTRIBUTION & LOGISTICS

## CLUSTER PATHWAYS

- Drafting Design Technology
- Building Construction
- Cabinetmaking
- Carpentry
- Masonry
- Electrical
- Welding
- Plumbing
- HVACR
- Utility Line Worker
- SREB AC Clean Energy

## POST SECONDARY LEARNING

- COMMUNITY COLLEGE
- 4-YEAR COLLEGE/UNIVERSITY
- WORK-BASED LEARNING

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[ALABAMAWORKS.COM/SUCCESSGUIDES](http://ALABAMAWORKS.COM/SUCCESSGUIDES)