

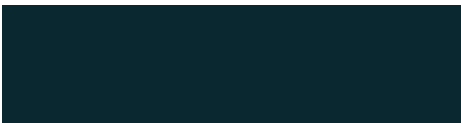


# ARCHITECTURE & CONSTRUCTION



Great Career Ideas • Creating Your Plan • College Resources





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# 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.

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# REALITY CHECK

# YOU DECIDE

Does the Architecture & Construction Career Cluster fit you, your talents, and your dreams?

Take this quick quiz to find out.

1	2	3	4	5
Do you like building things or drawing?	Do you enjoy working with tools?	Do you make good grades in math and science?	Do you like working with others?	Do you have a strong attention to detail?
WHY IT MATTERS:	WHY IT MATTERS:	WHY IT MATTERS:	WHY IT MATTERS:	WHY IT MATTERS:WHY IT

# CAREER IDEAS



**ELECTRICIAN**

Install, maintain,  
and repair electrical wiring,

**OPERATING ENGINEER OR  
OTHER CONSTRUCTION  
EQUIPMENT OPERATOR**

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.

High school diploma or equivalent

\$28,456 – \$43,456

**CARPENTER**


Construct, erect, install, or repair structures and fixtures made of wood, such

**ARCHITECTURAL AND  
ENGINEERING MANAGER**



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

Bachelor's Degree



\$99,980 – \$162,568




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



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 work for Facility Maintenance for the City of Gadsden. I maintain and repair all city-owned buildings. I learn something new every day and .2( )T-sto bimquipl maefsloming








Our firm builds apartment communities  
all across the South. My role is to plan and



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Advanced Architectural Design  
Advanced Drafting Design  
Cabinetmaking I  
Cabinetmaking II  
Cabinetmaking III  
Clean Energy Applications  
Clean Energy Innovations  
Clean Energy Strategies  
Clean Energy Systems  
CNC Wood Technology I  
CNC Wood Technology II

Intermediate Architectural Design  
Intermediate Drafting Design  
Introduction to Architectural Design  
Introduction to Drafting  
NCCER Carpentry I  
NCCER Carpentry II  
NCCER Carpentry III  
NCCER Electrical Technologies I  
NCCER Electrical Technologies II

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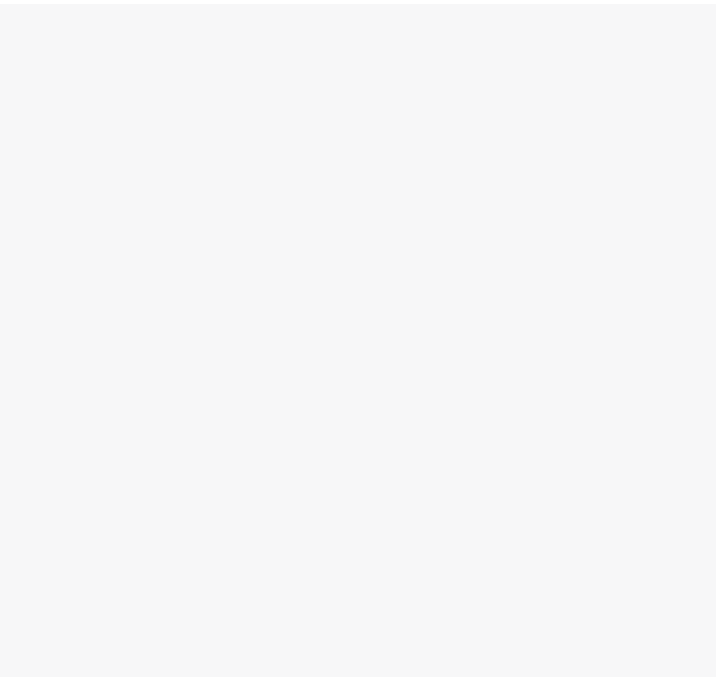
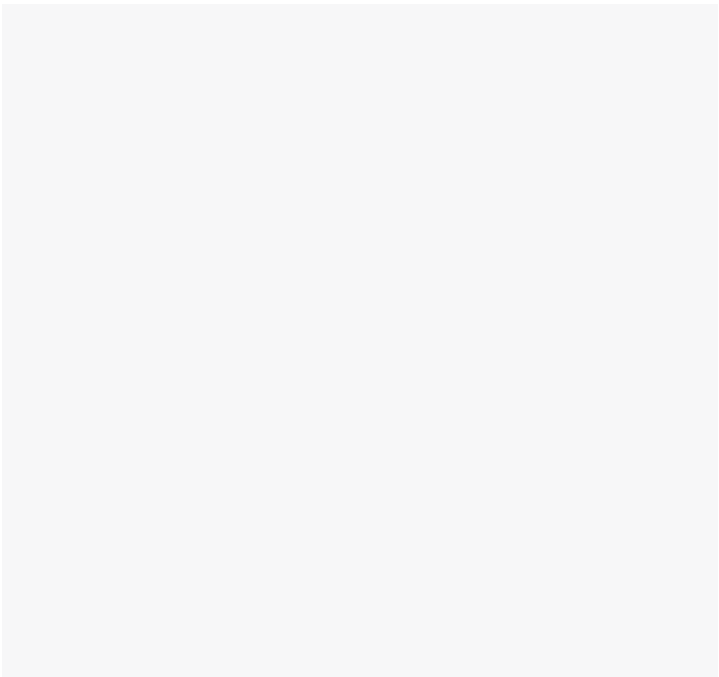
# GETTING READY

MAPPING OUT YOUR PROGRAM

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GRADE

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