

### Sample Entry-Level Positions

Architectural and Civil Drafters	\$51,340
Electrician	\$47,382
Heating/Air Conditioning Technician	\$41,100
Plumber	\$45,614

Data source for the above information: Georgia Department of Labor

### Desired Aptitudes & Skills

- Communication
- Teamwork
- Initiative
- Thinking and reasoning
- Attention to details

## MCSO Architecture and Construction Programs

**Architectural Drawing and Design:** Students learn drafting techniques and are introduced to computer-aided drafting and design. Emphasis is placed on the design process, site plans, electrical plans, plumbing plans, and a course portfolio. *(Jordan, Kendrick, and Northside)*

**Construction:** Students are provided a solid foundation in the areas of carpentry, electrical, plumbing, and masonry. Emphasis is placed on safety on a construction site, the use of hand and power tools, blueprint reading, and detailed application in the various skilled areas. Students are prepared for internships and entry-level employment in a construction setting. *(Carver, Hardaway, and Jordan)*

**Heating, Ventilation, Air Conditioning, and Refrigeration:** Students are introduced to the basics of the HVACR and Low Voltage Electrical craft trades. They will acquire knowledge of the hardware and systems used by an HVACR technician, basic installation skills, and general knowledge of refrigeration and heating processes, including electronic circuitry, and the integration between electrical and HVACR fields. Students are prepared for internships and entry-level employment in a HVACR setting. *(Jordan)*

**Metals:** Students are provided a solid foundation in the areas of machining, sheet metals, and welding. Emphasis is placed on safety on the job site, the use of related hand and power tools, introductory skills on the lathe and milling machines, oxyfuel cuts using acetylene and propane gases, and performing welds. Students are prepared for internships and entry-level employment in the field. *(Jordan)*



For more information, contact your school counselor, CTAE Supervisor, or visit the Muscogee County CTAE website by scanning the QR code on this document.



#### Non-discrimination statement

The MCSO CTAE Department does not discriminate on the basis of race, color, sex (including pregnancy and related conditions), religion, national origin, age, military status, disability, or any other legally protected status in its educational programs and activities, and provides equal access to the Boy Scouts and other designated youth groups as appropriate. Lack of English language skills will not be a barrier to admission and participation. Equity coordinators are available to address allegations of discrimination. For additional information or referral to the appropriate system coordinator, contact Victoria Thomas, CTAE Director, at 2960 Macon Road, Columbus, Georgia 31906; 706-748-2094.