

CONSTRUCTION AND DESIGN ACADEMY

Campus Location

Sand Springs Campus
--available to Charles Page High School students only

Occupational Focus

If you will be a sophomore and enjoy the process of designing and constructing, then Tulsa Tech's Construction & Design Academy may put you on a path toward a career in this field. Students will gain experience in a variety of trades which include drafting, electricity, HVAC/R, carpentry, masonry, plumbing, welding, horticulture, and interior design. During the course of study, students will have the opportunity to earn industry respected certifications as they study and develop skills practicing general and trade specific safety, hand and power tool usage, basic rigging, and blueprint reading. In addition, students will earn the required high school credit for math while learning how the concepts of math are applied to real world experiences in the various trades of the design and construction industry. Strong industry support of this program will ensure that students will experience several tours of actual job sites and study the career pathways of the Construction & Design industry as they develop the interest and skills required to successfully obtain employment in this field.

For information concerning working conditions, physical requirements, employment and job outlook please refer to the 2008-09 Occupational Outlook Handbook (OOH) at <http://www.bls.gov/oco/>.

Who Can Attend?

High school sophomore students only at Charles Page High School

Prerequisite(s)

None

Scheduling Information

One year program beginning in August
Check with Admissions Office at 918.828.5260 for start dates.
Three hours daily
--Afternoon session only -- see counselor

Career Majors

Construction & Architectural Design Academy - 495 Hours*

This career major is an introduction to construction and architectural design industries. Students will experience skills required by a carpenter, plumber, electrician, brick mason and CAD drafter.

**Career major, courses and hours are subject to change without notice*

Tuition

No charge for high school students within Tulsa Tech District.

Books/Supplies

No textbook charge for high school students within Tulsa Tech District.

Credentials/Industry Certifications

Core Curriculum: Introductory Craft Skills Accreditation by the National Center for Construction Education and Research (NCCER)

Employment Opportunities

Entry-level positions include: Carpenter, Mason, Drafter, Drafters Assistant, Electricians Helper, Plumbers Helper

Tulsa-Area Salary

\$7.70-\$12.50/hour – when applicable

Application Process

High school students see Tulsa Tech career counselor or sending school counselor.

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Courses by Career Majors

Construction & Architectural Design Academy - 495 Hours*

Construction & Architectural Design I
Drafting Fundamentals
Carpentry Fundamentals
Plumbing Fundamentals
Electricity Fundamentals
Heating, Ventilation, and Air-Conditioning Fundamentals
Masonry Fundamentals
Construction & Architectural Design II
Architecture and Construction Design Academy Math

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PENDING APPROVAL