

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 Occupational Outlook Handbook (OOH), 2010-11 Edition 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

Tuition

No charge for high school students within Tulsa Tech District

Books/Supplies

No textbook charge for high school students within Tulsa Tech District

Career Majors

Construction and 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*

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's Apprentice, Carpenter, Mason's Apprentice, 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.

NOTE: Some programs have additional admissions criteria. For specific program requirements and applicable prerequisites, contact Admissions at 918.828.5260.

Courses by Career Majors

Construction and Architectural Design Academy - 495

Hours*

Construction & Architectural Design I
Drafting Fundamentals
Carpentry Fundamentals
Plumbing Fundamentals
Electricity Fundamentals
HVAC Fundamentals
Masonry Fundamentals
Construction & Architectural Design II
Architectural & Construction Design Geometry**

***Math component taught & academic credit awarded by Sand Springs Charles Page High School*

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

Tulsa Tech does not discriminate on the basis of race, color, religion, national origin, gender, age, marital or veteran status, or disability.

Tulsa Tech is accredited by the Oklahoma Department of Education, the Oklahoma Board of Career & Technology, & the North Central Association--Commission on Accreditation & School Improvement.

Also, where available, our programs are accredited by the specific industry standards associated with their industry.

To remain current with the demands of business and industry, curriculum is periodically revised. The revision may change the number of Tulsa Tech classes that apply toward the college credit. The number of credit hours identified in the agreement the year the student completes the class will determine the credit hours the student receives. Conditions are based on the actual agreements and are subject to change annually.