

Siloam Springs High School

Career and Technical Education

Programs of Study

Siloam Springs High School offers over 50 different career and technical courses under seven departments, including Agriculture, A/V Technology and Film, Career Academy of Siloam Springs (CASS) Business and Marketing, Family and Consumer Sciences, Health Sciences and Pre-Engineering: STEM. The CTE programs partner with business and industry in Siloam Springs and the surrounding area to provide a curriculum that supports the economic need of the growing Siloam Springs community. All CTE students have the opportunity to certify in industry certifications that match their area of study. These certifications allow students to be better prepared for the workforce and more marketable than others. The Siloam Springs High School campus is centered on academics and advancement in CTE, including a television broadcasting studio, education-based daycare facility, and CNC equipment found in industry, culinary arts lab and the latest technology to help train students for jobs that do not exist yet.

CTE Data

- Industry Certifications Earned
 - 2017-2018 School Year
 - 494 Certifications
- Students Completing a Program of Study
 - Class of 2018
 - 292 Completers
- CTE Student Enrollment
 - 2017-2018 School Year
 - 2,308* Students (*Some single students counted multiple times)
- CTE Completers Post Graduation Data
 - Class of 2017
 - 161 Completers
 - 96 Post-Secondary Education
 - 26 Employed in Non-Related Field
 - 17 Employed in Related Field
 - 13 Not employed or Post-Secondary
 - 6 No information Available
 - 3 Military
 - All information as of 10-1-17**

Career Academy of Siloam Springs (CASS)

Industrial Equipment Maintenance

Student Certifications Earned:

- National Center for Construction Education & Research (NCCER)
- OSHA 10
- American Welding Society
- Fluke Instrumentation
- Fork Lift Operation
- AAA Fire Extinguisher Safety

Industry Partners:

- Simmons
- Tyson
- McKee Foods
- La-Z-Boy
- Cobb

Number of Teachers: 2

Program Information:

Student Instruction in mechatronics (mechanical and electronic machines, advanced welding, advanced machining including CNC Lathe & Mill, HVAC and refrigeration, Programmable Logic Computers (PLC), Robotics and automation, and process instrumentation simulators.

Medical Specialization & Medical Science

Student Certifications Earned:

- American Allied Health-Registered Medical Assistant
- HOPE Medical-Personal Care Assistant
- AHA CPR
- FEMA Incident Command System

Industry Partners:

- Siloam Springs Regional Hospital
- Community Physicians Group
- QuickCare Dr. Rebecca Lewis
- Panther Health and Wellness
- Holly Street Physical Therapy
- 3DPT
- Siloam Springs Fire Department

Number of Teachers: 2

Program Information:

Student instruction in foundations of health care, medical terminology, anatomy and physiology, abnormal psychology, and medical specialization. Within medical specialization students will special in the medical assistant training certification that can lead to LPN, PCA, RN and on.

Bilingual Customer Service

Student Certifications Earned:

- Microsoft Specialist: Word, Excel, PowerPoint
- ACT WorkKeys Career Readiness Certificate

Industry Partners:

- Latino Tires
- Siloam Springs School District

Number of Teachers: 1

Program Information:

The program prepares bilingual students to be successful in office environments that have a need for bilingual communications. Students learn and apply computer applications, business communications, data entry, and customer assistance skills. Once student skills are mastered students move to an internship role with local industry partners.

Agriculture

Student Certifications Earned:

- CPR
- OSHA-10
- American Welding Society
- Coggins
- Arkansas Hunters Education
- Arkansas Boaters Education

Industry Partners:

- Simmons
- McKee

Number of Teachers: 3

Program Information:

The program of study introduces students to FFA, agriculture mechanics, equine science, plant systems, animal systems, and natural resource management. Students within the agriculture program have the opportunity to extend their learning beyond the classroom through participation in the FFA student organization. Students can compete a local, regional, state, and national level in the many different fields of agricultures. At the same time of competition students are earning real life skills and income. FFA students also operate and maintain the Siloam Springs High School Greenhouse and have an annual plant sale.

A/V Tech and Film

Student Certifications Earned:

- Adobe Premiere Pro
- OSHA 10
- FAA Part 107

Industry Partners:

- City of Siloam Springs
- Siloam Springs Chamber of Commerce
- Siloam Springs Remote Controlled Modelers Club
- Simmons
- Siloam Springs Fire Department
- MD Aerial Imagery
- Main Street Siloam Springs
- Siloam Springs School District

Number of Teachers: 2

Program Information:

The A/V Tech and Film program offers students the opportunity to study the fundamentals of audio and video technology, advanced audio and video techniques, film, broadcasting, reporting, and aerial video via drones. Students within the program develop many district projects each week. Such as the weekly announcements for the high school that are hosted as a weekly news broadcast. The program also creates the monthly report for school board members that showcases stories of the Siloam Springs School District. For the coming school year the implementation of a new course in drones will bring an additional skill set and certification opportunity for students within the AVTF program area.

Business & Marketing

Student Certifications Earned:

- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint
- Microsoft Access
- Microsoft Master
- Digital Literacy
- IC3
- HootSuite Social Marketing
- National Retail Federation-Customer Service

Industry Partners:

- Siloam Springs Chamber of Commerce
- Blogs for Brands
- John Brown University
- Simmons
- Cobb
- Main Street Siloam Springs
- TCS Printing

Number of Teachers: 3

Program Information:

The business and marketing program offers courses in the area of computer applications, accounting, marketing, entrepreneurship, graphic design, social media communications and web design. For the coming school year small business operations students will open and run Panther Creative a marketing consulting firm for local business and industry.

Family and Consumer Sciences

Student Certifications Earned:

- Child Care Assistant
- Child Care Teacher
- CPR
- WISE Financial Literacy
- ServSafe Food Management

Industry Partners:

- La-Z-Boy
- Siloam Springs School District
- John Brown University
- Arvest

Number of Teachers: 3

Program Information:

The family and consumer science program offers students an introduction to life skills, child development, parenting, nutrition, child care guidance, financial literacy and clothing management. Students within the child care guidance program operate Panther Pre-School an on campus pre-school for children ages 3-4 that operates half a day for one semester of the school year.

Engineering-Project Lead the Way (PLTW)

Student Certifications Earned:

- OSHA 10
- CAD Autodesk

Industry Partners:

- Simmons
- Nance Machine
- University of Arkansas
- John Brown University

Number of Teachers: 2

Program Information:

The engineering program utilizes the Project Lead the Way (PLTW) curriculum that provides hands on evidence based learning for engineering students. Students are exposed to the following areas of engineering: introduction to engineering, design and development, architecture, and civil engineering. Robotics and automation are also included in the engineering course through the VEX robotics competition that students are able to build and participate in.

Professional Internship Program

Seniors at Siloam Springs High School who have completed a career and technical education program of study listed above and have maintained a successful GPA and attendance record have the opportunity to apply for an Internship during their senior year that allows them to take a class from their day and work in an intern role with local business and industry partners. The partnership allows experience and growth for the student and also opens a pipeline for the local industries to the school and their future employees.

Previous and Current Internship Partners

- Community Physicians Group
- Robert Phillipotts Eye Associates
- Blogs for Brands
- Siloam Springs Chamber of Commerce
- Simmons
- Southside Elementary
- Northside Elementary
- Siloam Springs Veterinarian Clinic
- Siloam Springs Regional Hospital