

CTE Programs at WVHS

Carpentry and Construction

In the first year of this two-year program, students learn the fundamentals of construction safety, tools, math, and blueprint reading, as well as basic carpentry, electrical, masonry, and plumbing skills. Students get the opportunity to gain hands-on experience in these areas.

In the second year of the program, students are involved in an in-depth study of materials used in the carpentry field, foundations, and floor framing and hands-on experience with wall and ceiling framing, roof framing, windows and doors, and stair layout.

Students get the opportunity to participate in SkillsUSA and earn an NCCER certification.

Other CTE Course offerings include:

- Computer Science
- Cyber Foundations I & II
- Introduction to Agri-science
- Family Dynamics
- Contemporary Health

WHAT'S YOUR PLAN FOR SUCCESS?

Our CTE programs provide high quality academic core content and technical skills. Students involved in our programs are prepared for success in higher education and prepared to successfully transition toward their career goals.

Studies have shown that students who complete a CTE program are more likely to graduate from high school. We believe our caring environment and hands-on curriculum benefits every student. If you have any questions, please do not hesitate to call our office.

The mission of the CTE Department at WVHS is to prepare students for 21st century careers and encourage technical education as needed beyond high school.

The goals of CTE at WVHS:

- *To prepare students for entry level positions in technical fields*
- *To provide students with job retention skills necessary for successful employment*
- *To provide students with leadership and team building skills needed for workplace success*

WATER VALLEY HIGH SCHOOL

Career & Technical Education Program (CTE)



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**EXPLORE YOUR
CAREER OPTIONS
WHILE IN HIGH**

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Early Childhood Education

Early childhood education is a pathway in the human science career cluster. It is a two year high school program designed to include classroom and hands-on experiences to prepare students for employment or continuing education in the early childhood education field. In the course of study, emphasis is placed on students' personal and professional preparation for careers or education in the field, history and trends of early childhood education, children's health and safety, child development, and child guidance and observation. Emphasis is also placed on career and professional development, characteristics of high quality early childhood centers, management and administration in quality child care programs, and the learning environment.

Law and Public Safety

This course focuses on specialized areas and topics within the public safety arena, including fire services, emergency medical services, and emergency management. Students will learn about these particular areas and examine the daily tasks and responsibilities of the professionals associated with them. This course will offer students the opportunity to examine all branches of the military and the professions associated with each branch. Additionally, students will learn workplace skills and will have meaningful, relevant experiences with professionals.

Agriculture and Natural Resources

This two-year program introduces the student to the world of agriculture and natural resources, including the production of plants and animals and the management of natural resources. The program includes instruction in the applied sciences related to plant and animal production and natural resource conservation and management, and introduces the student to agribusiness management practices and maintenance of facilities and equipment. Students in the pathway will participate in active learning exercises including activities in the FFA organization. Students who successfully complete the competencies in this pathway will gain fundamental knowledge and skills that can be used to secure entry-level employment or as a foundation for continuing their education.

Family and Consumer Science

Within this program, four one-semester elective courses are offered. The courses are Resource Management, Contemporary Health, Family Dynamics, and Nutrition & Wellness. This program was formerly known as Home Economics and gives students an opportunity to study the relationships between individuals, families, communities, and the environment.

Health Science

This two-year program includes classroom and hands-on experiences that will provide students with an overview of the health-care field as well as begin to prepare students for careers in occupations predicted to have a high number of available jobs in the next 10 years, including careers in nursing services (registered nurse, nurse aide, practical nurse, home health aide), therapeutic services (sports medicine, athletic trainer, dietitian, respiratory therapy), diagnostic services (radiologist, phlebotomist, radiologic tech, sonographer, CT technology, medical lab technician), health informatics (health information technician, medical coder), veterinary services, medical services (optometrists, medical assistants), emergency services, rehabilitative services (physical therapy, occupational therapy, speech therapy) counselors, pharmacists, mental health services (psychologists).

Non-Discrimination Policy: The Water Valley School District is committed to a policy of non-discrimination and to the provision of equity in it's educational programs, services and activities for all students and employees. The District shall not discriminate on the basis of race, color, national origin, sex, disability, age, sexual orientation, political beliefs or military status with regard to any policy, procedure, or program operation.

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