



GATEWAY
to Health **Careers**

ABOUT GATEWAY

WHAT IS THE GATEWAY TO HEALTH CAREERS PROJECT?

The Gateway to Health Careers project is a collaborative partnership involving the following entities:

- Coalition of Health Services, Inc
- SimCentral, an alliance between Amarillo College, Texas Tech University Health Science Center (Amarillo Campus) and West Texas A&M University
- Texas Panhandle Coalition for Nursing
- Harrington Regional Medical Campus
- Amarillo Independent School District

WHAT IS THE PROJECT'S PURPOSE?

The Gateway to Health Careers Project establishes health science programs in rural communities in the Texas panhandle over a 3-year period through a combination of distance learning and clinical experience. Web-based didactic instruction is provided by Amarillo Area Center for Advanced Learning. Students gain their clinical experiences in SimCentral's Mobile Simulation Lab and through patient interactions provided by their community healthcare facilities or EMS Service.

ABOUT HEALTH SCIENCE

The Health Science program provides a coherent and comprehensive strand of study for students who are interested in pre-medicine, allied health, emergency



ECONOMIC IMPACT

Rural communities will have access to trained healthcare workers in their community that will reduce the need to recruit employees from other communities. Hospitals, clinics and long-term care facilities will impact students' educational goals by providing clinical rotations in their hometown which increases the likelihood they will seek a career in their hometown. Workforce development in rural communities is the main focus.

STUDENT IMPACT

Students can begin a career track in high school that provides training that will enable them to develop skills and experience to earn a living wage to seek higher education opportunities. Dual credits earned will reduce the cost and time spent to earn higher education degrees. Students will be able to determine if the healthcare field is a fit for them prior to entering college.

SCHOOL IMPACT

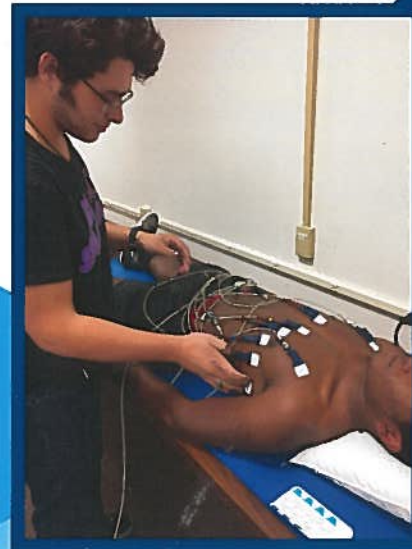
Rural schools will have the opportunity to provide a health science vocational track through Gateway that they likely could not provide otherwise because of the lack of qualified teachers available in their district. Gateway will provide all of the requirements to fulfill the Health Science Program of Study under the Public Service Endorsement in House Bill:5 Foundation High School Program.

COMMUNITY IMPACT

The mobile teaching unit, when not in use during out of school times, can be utilized in the rural communities for continuing education for health care workers to avoid the cost of traveling to another city for the required training to maintain certifications, to train physicians in new techniques, and other healthcare certification training/classes.

HOW DOES IT WORK?

- ◆ Daily lessons are taught and recorded by certified teachers.
- ◆ Students view instruction on their own campuses with a program facilitator and submit work via the Blackboard learning system.
- ◆ Skills training is facilitated with project funded medical skills instructor. The skills instructor and/or the teacher travel to the rural school campus to provide hands-on individual skills instruction, practice opportunities and evaluation.
- ◆ The SimCentral mobile clinical simulation vehicle provides a medical skills instruction environment equipped with needed equipment to fulfill course requirements. Once students demonstrate skill competency, students are authorized to proceed to their clinical rotations in affiliate local medical facilities where they are supervised by licensed medical professionals.
- ◆ On completion of course required supervised clinical hours, students are eligible to register and test for their certification in Emergency Medical Technician (EMT) and Certified Medical Assistant (CMA).



Public Service Endorsement Program of Study: Health Science Technology

****EXAMPLE****

Foundation High School Program (22 Credits)
Graduation Requirements

<p>English Language Arts (4 credits)</p> <p>___ English I EOC ___</p> <p>___ English II EOC ___</p> <p>___ English III</p> <p>___ 4th English _____</p>	<p>Social Studies (3 credits)</p> <p>___ World Geography or World History</p> <p>___ US History EOC ___</p> <p>___ US Government (1/2 credit)</p> <p>___ Economics (1/2 credit)</p>
<p>Speech (1/2 credit)</p> <p>___ Professional Communications</p>	<p>___ Dollars and Sense (1/2 credit)</p> <p>___ Physical Education (1 credit)</p>
<p>Mathematics (4 credits)</p> <p>___ Algebra I EOC ___</p> <p>___ Geometry</p> <p>___ Algebra II</p> <p>___ Medical Math (recommended)</p>	<p>Foreign Language (2 credits)</p> <p>___ Language _____</p> <p>___</p>
<p>Science (4 credits)</p> <p>___ Biology EOC ___</p> <p>___ IPC, Chemistry, or Physics/P. of Tech.</p> <p>___ Anatomy & Physiology</p> <p>___ 4th Science _____</p>	<p>Electives (at least 1 credit)</p> <p>___ 1. _____</p> <p>___ 2. _____</p> <p>___ 3. _____</p> <p>___ 4. _____</p>

Endorsement: Public Services
Program of Study: Health Science Technology

<p>Elective Recommendation:</p> <p>___ Principles of Health Science</p> <p>___ Med Term</p>	<p>Required Course:</p> <p>___ Health Science Theory</p> <p>Required Final Course:</p> <p>___ Practicum in Health Science I (2 Credits)</p>
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Certifications Available: CMA and EMT (others may be added)
FOR A TOTAL OF 26 CREDITS

Call 806-326-2800 for more information