

# HUG HEALTH SCIENCE ACADEMY

*The Health Science Academy at Hug High School (HSA) is dedicated to opening doors to students, encouraging students to pursue bachelor and graduate degrees while focusing on each student's personal career goals. The Academy offers a more personalized approach to assist students' exploration of the various health occupations and related educational opportunities. The uniqueness of the HSA is its partnership with the University of Nevada Medical School. An integral part of the Health Science Academy is HOSA – Future Health Professionals. The mission of HOSA is to promote career opportunities in health care and to enhance the delivery of quality health care to all people. All students enrolled in the HSA will be a part of HOSA. Each year, the HSA will accept up to 30 incoming 9<sup>th</sup> grade students. Potential HSA students should exemplify:*

- *Interest in health science*
- *Motivation to learn*
- *Willingness to be challenged*
- *Desire to put forth best effort in all areas*
- *Attend all Academy related events scheduled outside of school*

*Incoming 9<sup>th</sup> grade students interested in the HSA must complete and submit an application. Applications can be found on the Washoe County School District website, with their counselor or with the 9<sup>th</sup> grade counselor at Hug High School.*



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## MEDICAL PLAN OF STUDY

### CAREER FOCUS:

<p><b>PROGRAM:</b></p> <ul style="list-style-type: none"> <li>Prepares students for each of the required outcomes: 4-year university, 2-year college, Trade School / Apprenticeship, Military or Job/Career</li> <li>Provides a foundation for any higher level medical profession</li> <li>Hands on lab experience</li> <li>Partnership with the University of Nevada Medical School</li> </ul>	<p><b>Professional Student Organizations:</b></p> <p>Future Health Professionals (HOSA)</p> <p>Students learn leadership skills while competing in health science events at the State and National levels.</p>	<p><b>Tech Prep College Credits:</b></p> <p>Students have the possibility to earn college credits upon completion of all four levels</p>
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Grade	ENGLISH	MATH	SOCIAL STUDIES	SCIENCE	ADDITIONAL	ACADEMY	ACADEMY
9	English 1-2 (H) or AP English Literature	Algebra 1 or Geometry or Formal Geometry (H)	Academy Support	Biology (H)	JROTC I/II or Physical Education	Health Science I	SP Computer Science Principles
10	English 3-4 (H) or AP English Language	Geometry or F. Geo (H) or Alg 2	AP European or World History	Chemistry or <b>Chemistry (H)</b>	JROTC III/IV or Physical Education	Medical Terminology	Foreign Language
11	English 5-6 or AP Seminar	Algebra 2 or Prob/Stats or <b>Trig/Pre-Calc</b>	AP US History or US History	Human Anatomy	ELECTIVE	Sports Medicine I	Foreign Language
12	English 7-8 or AP Research	Prob/Stats or Trig/Pre-Calc or <b>AP Calculus</b>	AP Gov't or Government	<b>One course below required: AP Biology or AP Chem or AP Environ or Forensics or Physics</b>	Work Experience/ Internship	Sports Medicine II	Medical Foreign Language

**\*\* Courses in highlighted green are mandatory for medical academy students \*\*\* Courses highlighted in yellow are highly recommended**

