

RCAS Cluster Plan of Study:

HEALTH SCIENCE

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

<p>Activities that describe what I like to do:</p> <ul style="list-style-type: none"> • Work under pressure • Help sick people and animals • Make decisions based on logic and information • Participate in health and science classes • Respond quickly and calmly in emergencies • Work as a member of a team • Follow guidelines precisely and meet strict standards of accuracy 	<p>Personal qualities that describe me:</p> <ul style="list-style-type: none"> • Compassionate and caring • Good at following directions • Conscientious and careful • Patient • Good listener 	
<p>9th Grade Required Core Courses:</p> <ul style="list-style-type: none"> • English 9 • Integrated Math 1 • Physical Science 1 & 2 or Biology 1 & 2 • World Geography <p>10th Grade Required Core Courses:</p> <ul style="list-style-type: none"> • English 10 / Adv. English 10 • Integrated Math 2 • Any physical science, Biology 1 & 2 • World History <p>11th Grade Required Core Courses:</p> <ul style="list-style-type: none"> • English 11 / Adv. English 11 / AP English 11 • Integrated Math 3 • Chemistry or Physics • U.S. History 1, 2, 3 <p>12th Grade Required Core Courses:</p> <ul style="list-style-type: none"> • English 12 / AP English 12 • Integrated Math 3 • U.S. Government <p>Other Required Courses:</p> <ul style="list-style-type: none"> • Information Technology (1 credit) • Fine Arts (1 credit) • Physical Education / Health (1 credit) • Economics or Personal Finance (.5 credit) • World Language, Capstone Experience or Service Learning, or Approved Career and Technical Education (1 credit) 	<p>Recommended Cluster Electives:</p> <ul style="list-style-type: none"> • Computer Applications • Principles of Bio Medical Sciences • Human Body Systems • Community Volunteer <p>Other Recommended Electives:</p> <ul style="list-style-type: none"> • Culinary Arts • Anatomy and Physiology 1 & 2 • AP Chemistry • AP Psychology • Child Development I - Human Development: Prenatal to Toddlers • Child Development II – Human Development: Preschool to School-age • Introduction to Organic Chemistry • Nutrition and Wellness • Peer Mentoring • Psychology • Sociology 	<p>Careers in this Cluster:</p> <p>Physician Nurse EMT Physical therapist Radiologist Athletic Trainer Forensic Scientist Mortician</p> <p>Post-Secondary Programs in this Cluster:</p> <p><u>Technical Degree*:</u> Radiology CNA / CMA EMT</p> <p><u>Associates Degree:</u> Radiology Nursing</p> <p><u>Baccalaureate Degree:</u> Pre-Med BSN Personal Trainer Dietician</p> <p><u>Advanced Degree:</u> Medicine Physical Therapy</p> <p><small>*See Western Dakota Tech (WDT) Dual Enrollment for more information.</small></p>
<p align="center">Interest, Aptitude and Achievement Inventories</p> <p>Career Matchmaker (8th-12th grade); Ability Profiler (10th grade); PLAN (10th grade); Learning Styles Inventory (10th – 11th grade); My Skills (10th – 12th grade); Armed Services Vocational Aptitude Battery – ASVAB (11th & 12th grade); PSAT (11th grade); ACT or SAT (11th – 12th grade)</p>		