



Health Science (HLTH)

DENTIST

Health Science Education provides a comprehensive program to meet present and projected needs for the healthcare industry. Curriculum concepts incorporate technological advances to motivate students and prepare them to pursue a career as a future health professional. Emphasis is placed on the various domains of healthcare and related skills such as: employability skills, prevention (wellness), diagnostics, therapeutics, and rehabilitation. Students are encouraged to pursue work-based learning opportunities that include job Shadowing, internships, and apprenticeships to support their areas of interest in healthcare.

| Education Level | Grade | English | Math | Social Studies | Science | Health/PE and Other Electives | Elective | Elective | Elective |
|--|--|------------------|---|---|---|-------------------------------|---|---|---|
| Secondary | Courses listed in BOLD print are required for graduation. | | | | | | | | |
| | 9 | English 1 | Math 1 or Math 2 | World History | Earth & Environmental Science | Health/PE | Communication Skills | Career Management | Any Elective |
| | 10 | English 2 | Math 2 or Math 3 | Civics and Economics | Biology | Health Sci. 1 | World Language 1 | World Language 2 | Anatomy and Physiology |
| | 11 | English 3 | Math 3 or Math 4 | New American History | Chemistry or Physics | Health Sci. 2 | CCP College Transfer Course Or Elective | CCP College Transfer Course Or Elective | CCP College Transfer Course Or Elective |
| | 12 | English 4 | CCP College Transfer Course Or Elective | New Financial Literacy Requirement | CCP College Transfer Course Or Elective | Nursing Fundamentals | Nursing Fundamentals | CCP College Transfer Course Or Elective | CCP College Transfer Course Or Elective |
| <p>Enhancement Courses</p> <p>Microsoft Word and PowerPoint Microsoft Excel & Access Career Management Entrepreneurship 1 Principle of Business & Finance Personal Finance</p> | | | | | | | | | |
| | | | | | <p>Career & College Promise (CCP)</p> <p>College Transfer Courses</p> <p>ACA 122 – College Transfer Success ENG 111 – Expository Writing ENG 112 – Writing/Research in the Discipline PSY 150 – General Psychology PSY 241 – Developmental Psychology Bio 168 – Anatomy and Physiology 1 Bio 169 – Anatomy and Physiology 2 Humanities/Fine Arts Elective</p> | | | | |
| | | | | | <p>AP Course Offerings</p> <p>See course offerings in the high school curriculum guide or online at https://www.caldwellschools.com/</p> | | | | |
| <p>Career and College Promise College Transfer Course Information</p> <p>Career and College Promise (CCP) College Transfer Courses are available to Caldwell County Schools' students. These courses allow high school students to earn high school and college credit at the same time. Some classes are taught at each high school and some are offered on the main campus of Caldwell Community College and Technical Institute in Hudson, NC. To be eligible to take these courses, students must:</p> <ul style="list-style-type: none"> • Be high school juniors or seniors; • Have an unweighted cumulative grade point average of 2.8 or higher; or demonstrate college readiness in Reading, English and Mathematics on an approved assessment or placement test (see CCTI website for details). <p>Potential college savings available by taking CCP courses during high school: \$715 ***based on \$71.50/credit hour***</p> | | | | | | | | | |

Post-Secondary Education

DENTIST: On average, a dentist has eight years of **post-secondary education**. Most apply to **dental school** as they are nearing completion of a bachelor's degree.

| <u>Sample Career Opportunities</u> | <u>High School</u> | <u>On the Job Training</u> | <u>Certificate</u> | <u>Associates Degree</u> | <u>Bachelor's Degree</u> | <u>Advanced College Degree</u> | <u>Average Annual Salary</u> | <u>Possible Majors for this Pathway</u> |
|------------------------------------|--------------------|----------------------------|--------------------|--------------------------|--------------------------|--------------------------------|------------------------------|--|
| Dentist, General | | | | | X | X | \$159,200—\$208,666 | <ul style="list-style-type: none"> • <u>Pre-Medicine</u> • <u>Oncology</u> • <u>Pathology</u> • <u>Biology</u> • <u>Biological Sciences</u> • <u>Chemistry</u> • <u>Medical Radiologic Technology</u> • <u>Diagnostic Medical</u> • <u>Sonography</u> • <u>Pre- Pharmacy</u> • <u>Physiological Sciences</u> • <u>Biomedical Science</u> |
| Dental Lab Technologist | | X | X | X | | | \$37,370—\$62,110 | |
| Periodontist | | | | | X | X | \$169,150—\$248,590 | |
| Oral Pathologist | | | | | X | X | \$191,435—\$269,158 | |
| Orthodontist | | | | | X | X | \$141,299—\$198,677 | |
| Oral and Maxillofacial Surgeon | | | | | X | X | \$286,100—\$336,727 | |
| Dental Assistant | | | X | X | | | \$40,080—\$56,930 | |
| Dental Hygienist | | | X | X | X | | \$76,220—\$103,340 | |
| Orthodontist Assistant | | | X | X | | | \$33,724—\$49,846 | |
| Medical Receptionist | | X | X | X | | | \$28,808—\$35,006 | |
| Medical Biller and Coder | | X | X | X | | | \$34,050—\$40,352 | |