



Grade	ELA	Math	Science	Social Studies	Required CTE Courses	Potential Certification Opportunities
9th	English 1	Algebra 1	Biology	World Geography or AP Human Geography	Principles of Health Science (1 Credit)	<ul style="list-style-type: none"> <li>Cyber Safety</li> <li>Career Essentials: Customer Service</li> <li>Career Safe: Employability</li> </ul>
10th	English 2	Geometry	Chemistry or OnRamps Chemistry	World History, AP World History, or Political Science	Health Science Theory (2 Credits)	<ul style="list-style-type: none"> <li>CPR &amp; First Aid (10<sup>th</sup> Grade)</li> </ul>
11th	English 3	Algebra II	Physics, AP Physics, AP Chemistry, or OnRamps Physics	U.S. History, AP US History, or OnRamps US History	Practicum in Dentistry (2 Credits)	<ul style="list-style-type: none"> <li>Advanced First Aide</li> <li>BLS Certificate</li> </ul>
12th	Business English, or Approved CTE 4 <sup>th</sup> year English	Financial Mathematics, or Approved CTE 4 <sup>th</sup> year Math	Principles of Technology, or Approved CTE 4 <sup>th</sup> year Science	Government _____ Economics	Extended Practicum in Dentistry (3 Credits)	<ul style="list-style-type: none"> <li>Certified Dental Assistant: Infection Control, Dental Jurisprudence, Dental Radiology, OSHA Healthcare-BBP</li> <li>NIMS 100, 200, 700, 800</li> <li>HIPAA</li> </ul>

Student Organizations	Additional Required Electives
HOSA SkillsUSA Business Professionals of America DECA	Fine Arts Health Anatomy and Physiology (1 Credit)  Foreign Language Physical Education

Dual Credit Offerings	Additional Recommended Electives
English 4 Government Statistics Computer Science U.S. History Economics Pre-Calculus	Medical Terminology (1 Credit) Medical Microbiology  Computer Science OnRamps (1 Credit)

Sample Career Opportunities	High School	On the Job Training	Certificate	Associates Degree	Bachelor's Degree	Advanced College Degree	Average Annual Salary	Possible Majors for this Pathway
Dentist, General					X	X	\$159,200—\$208,666	<ul style="list-style-type: none"> <li>Pre-Dentistry</li> <li>Dentistry</li> <li>Biology</li> <li>Chemistry</li> <li>Biochemistry</li> <li>Molecular Biology</li> <li>Biological Sciences</li> <li>Physiological Sciences</li> <li>Biomedical Science</li> <li>Dental Assisting</li> <li>Dental Hygiene</li> </ul>
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	