### Student Name:
*Janie Smith*

### CTE Career Cluster Concentration:
*Health Science*

### Career Choices:
*Dental Hygiene or Dentist or Orthodontist*

### College of Choice:
*Fayetteville Technical Community College or UNC-Chapel Hill*

### NC Employment Growth in Dental Hygiene in the next 10 years
30%

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<table>
<thead>
<tr>
<th>6th Grade Courses &amp; WBL</th>
<th>8th Grade Courses &amp; WBL</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
<th>1st Semester in Community College</th>
<th>3rd Semester in Community College</th>
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<tbody>
<tr>
<td>Computer Skills &amp; Applications</td>
<td>Exploring Career Decisions</td>
<td>English I or Honors</td>
<td>English II or Honors</td>
<td>English III, Honors or AP English</td>
<td>English IV or AP English</td>
<td>DEN110 Orofacial Anatomy</td>
<td>DEN123 Nutrition/Dental Health</td>
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<td>Technology Design &amp; Innovation</td>
<td>Technological Systems</td>
<td>Earth/Environmental Science or Honors</td>
<td>Biology Honors or AP</td>
<td>BIO163 Basic Anatomy &amp; Physiology+</td>
<td>BIO175 General Microbiology+</td>
<td>DEN111 Infection/Hazard Control</td>
<td>DEN220 Dental Hygiene Theory III</td>
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<tr>
<td>Begin Developing Portfolio in F4K</td>
<td><strong>Job Shadowing Experience</strong></td>
<td>Integrated Math I</td>
<td>Integrated Math II Honors</td>
<td>Integrated Math III Honors</td>
<td>MAT 171 or 172 or 143**</td>
<td>DEN120 Dental Hygiene Preclinic Lec</td>
<td>DEN221 Dental Hygiene Clinic III</td>
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<td>Art/Chorus</td>
<td>Update Portfolio in F4K</td>
<td>World History or Honors</td>
<td>American History I or (Honors)</td>
<td>American History II or (Honors)</td>
<td>Civics/Economics or Honors</td>
<td>DEN121 Dental Hygiene Preclinical Lab</td>
<td>DEN223 Dental Pharmacology</td>
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<tr>
<td>7th Grade Courses &amp; WBL</td>
<td>Health Career Opportunities</td>
<td>Health Science I+</td>
<td>*Health Science II+</td>
<td>Nursing Assistant I**</td>
<td>DEN112 Dental Radiography</td>
<td>DEN224 Materials and Procedures</td>
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<td>Exploring Business, Marketing, &amp; Entrepreneurship</td>
<td>Beginning Art</td>
<td>Spanish I or Elective</td>
<td>PSY150 Psychology+</td>
<td>Spanish II or Elective</td>
<td>DEN124 Periodontology</td>
<td>DEN230 Dental Hygiene Theory IV</td>
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<tr>
<td>Technology Design &amp; Innovations</td>
<td>Microsoft Word, PowerPoint Publisher+</td>
<td>Personal Finance+</td>
<td>CIS 110 Intro to Computers**</td>
<td>SOC 210 Sociology**</td>
<td>DEN130 Dental Hygiene Theory I</td>
<td>DEN231 Dental Hygiene Clinic IV</td>
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<tr>
<td>Update Portfolio in F4K</td>
<td>Health/PE</td>
<td>Health/PE II</td>
<td>CTE Internship (WBL)</td>
<td>CTE Internship (WBL)</td>
<td>DEN131 Dental Hygiene Clinic I</td>
<td>DEN233 Professional Development</td>
<td></td>
</tr>
</tbody>
</table>

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### Work-based Learning

**Certifications Earned**

1-MSIT; 2-EverFi; 3-CNA; 4-WorkKeys

**Dental Hygiene/Oral Pathology**

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### Dental Hygiene/Dental School - College Comparison

#### 4-year Degree at Chapel Hill
- Tuition, Room/Board, Fees and Books total for 8 semesters $67,000
- Age at graduation 22 or 23
- **Average Starting Salary upon graduation $50,000-$55,000**

#### 2-Year Degree at Fayetteville Technical Community College
- Cost of Tuition, books and fees at FTCC per semester $1,808; Total Semesters 3 ($5,424) or 4 ($7,232)
- Age at graduation 19 or 20
- **Average Starting Salary upon graduation $45,000 - $50,000**

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### Long-term goals

Continuing Education in Dental Hygiene and/or Dentistry

### Dental Hygiene Employment Information

http://www.careerinfonet.org or http://www.bls.gov/ooh/