

## CTE PATHWAYS AT SOUTH SUMMIT HIGH SCHOOL (2022-23)

<b>Plant Science</b> <b>2.0 Credits required from the following:</b> <ul style="list-style-type: none"> <li>○ Floriculture - 0.5</li> <li>○ Greenhouse Management - 0.5</li> <li>○ Landscape Management - 0.5</li> <li>○ Plant and Soil Science – 1.0</li> </ul> <b>1.0 Elective credit required from the following:</b> <ul style="list-style-type: none"> <li>○ Business Communications - 1.0</li> <li>○ Biology - Agricultural Science – 1.0</li> <li>○ Leadership (CTE) - 1.0</li> <li>○ Internship in Related Field - 0.5</li> </ul>	<b>Animal &amp; Veterinary Science</b> <b>Required course</b> <ul style="list-style-type: none"> <li>○ Animal Science 2 – 1.0</li> </ul> <b>1.0 Credit required from the following:</b> <ul style="list-style-type: none"> <li>○ Animal Science 1 – 1.0</li> <li>○ Veterinary Assistant 1 – 1.0</li> </ul> <b>1.0 Elective credit required from the following:</b> <ul style="list-style-type: none"> <li>○ Biology - Agricultural Science – 1.0</li> <li>○ Equine Science - 1.0</li> <li>○ Leadership (CTE) - 1.0</li> <li>○ Business Communications -1.0</li> <li>○ Internship in Related Field - 0.5</li> </ul>	<b>Agricultural Mechanics Systems</b> <b>Required courses:</b> <ul style="list-style-type: none"> <li>○ Ag Mechanics (Systems Technology) 1 – 1.0</li> <li>○ Ag Mechanics (Systems Technology) 2 – 1.0</li> </ul> <b>1.0 Elective credit required from the following:</b> <ul style="list-style-type: none"> <li>○ Biology - Agricultural Science – 1.0</li> <li>○ Leadership (CTE) -1.0</li> <li>○ Business Communications – 1.0</li> <li>○ Internship in Related Field - 0.5</li> </ul>
<b>Natural Resource Science</b> <b>Required courses</b> <ul style="list-style-type: none"> <li>○ Wildlife (Natural Resources) 100 – 1.0</li> <li>○ Wildlife (Natural Resources) 110 – 1.0</li> </ul> <b>1.0 Elective credit required from the following:</b> <ul style="list-style-type: none"> <li>○ Biology - Agricultural Science - 1.0</li> <li>○ Leadership (CTE) - 1.0</li> <li>○ Business Communications - 1.0</li> <li>○ Internship in Related Field - 0.5</li> </ul>	<b>Welding &amp; Machining</b> <b>3.0 Courses required from the following:</b> <ul style="list-style-type: none"> <li>○ Welding Tech – Entry - 1.0</li> <li>○ Welding Tech – Inter - 1.0</li> <li>○ Welding Tech – Adv. - 1.0</li> <li>○ Machining 1 - 1.5</li> <li>○ Machining 2 - 1.5</li> <li>○ Internship in Related Field - 0.5</li> </ul>	<b>Information Technology Systems</b> <b>Required courses</b> <ul style="list-style-type: none"> <li>○ Computer (Repair) Systems 1 - 0.5</li> <li>○ Computer (Repair) Systems 2 - 0.5</li> </ul> <b>2.0 Credits required from the following:</b> <ul style="list-style-type: none"> <li>○ Network Fundamentals - 0.5</li> <li>○ Computer Science Principles - 1.0</li> <li>○ Computer Programming 1 - 0.5</li> <li>○ Web Development 1 - 0.5</li> <li>○ Internship in Related Field - 0.5</li> </ul>
<b>Cybersecurity</b> <b>Required courses</b> <ul style="list-style-type: none"> <li>○ Principles of Cyber Defense - 0.5</li> <li>○ Computer Science Principles - 1.0</li> <li>○ Computer Programming 1 - 0.5</li> <li>○ Web Development 1 - 0.5</li> <li>○ Internship in Related Field - 0.5</li> </ul>	<b>Programming &amp; Software Development</b> <b>3.0 Credits required from the following:</b> <ul style="list-style-type: none"> <li>○ Computer Science Principles - 1.0</li> <li>○ Computer Programming 1 - 0.5</li> <li>○ Computer Programming 2 - 0.5</li> <li>○ AP Computer Science - 1.0</li> <li>○ Computer Programming, Advanced - 1.0</li> <li>○ Internship in Related Field - 0.5</li> </ul>	<b>Business Information Management</b> <b>3.0 Credits required from the following:</b> <ul style="list-style-type: none"> <li>○ Business Communications – 1.0</li> <li>○ Web Development 1 - 0.5</li> <li>○ Digital Graphic Arts Intro - 0.5</li> <li>○ Business Office Specialist - 0.5</li> <li>○ Entrepreneurship - 0.5</li> <li>○ Internship in Related Field - 0.5</li> </ul>
<b>Business Administration</b> <b>3.0 Credits required from the following:</b> <ul style="list-style-type: none"> <li>○ Business Communications – 1.0</li> <li>○ Web Development 1 - 0.5</li> <li>○ Digital Graphic Arts Intro - 0.5</li> <li>○ Business Management - 0.5</li> <li>○ Entrepreneurship - 0.5</li> <li>○ Internship in Related Field - 0.5</li> </ul>	<b>Marketing</b> <b>3.0 Credits required from the following:</b> <ul style="list-style-type: none"> <li>○ Business Communications – 1.0</li> <li>○ Web Development 1 - 0.5</li> <li>○ Digital Graphic Arts Intro - 0.5</li> <li>○ Digital Marketing - 0.5</li> <li>○ Entrepreneurship - 0.5</li> <li>○ Internship in Related Field - 0.5</li> </ul>	<b>Web Development</b> <b>3.0 Credits required from the following:</b> <ul style="list-style-type: none"> <li>○ Computer Science Principles- 1.0</li> <li>○ Digital Graphic Arts Intro - 0.5</li> <li>○ Web Development 1 - 0.5</li> <li>○ Web Development 2 - 0.5</li> <li>○ Entrepreneurship - 0.5</li> <li>○ Internship in Related Field - 0.5</li> </ul>

<p><b>Graphic Design &amp; Communication</b>  <b>3.0 Credits required from the following:</b></p> <ul style="list-style-type: none"> <li>○ Commercial Arts 1 - 0.5</li> <li>○ Commercial Arts 2 - 0.5</li> <li>○ Commercial Photo 1 - 0.5</li> <li>○ Commercial Photo 2 - 0.5</li> <li>○ Digital Graphic Arts Intro - 0.5</li> <li>○ Commercial Art 3 - 1.0</li> <li>○ Internship in Related Field - 0.5</li> </ul>	<p><b>Hospitality &amp; Tourism</b>  <b>Required Course:</b></p> <ul style="list-style-type: none"> <li>○ Hospitality and Tourism - 0.5</li> </ul> <p><b>2.5 Elective credits required from the following:</b></p> <ul style="list-style-type: none"> <li>○ Business Communications – 1.0</li> <li>○ Entrepreneurship - 0.5</li> <li>○ Culinary Arts - 1.0</li> <li>○ Web Development 1 - 0.5</li> <li>○ Digital Graphic Arts Intro - 0.5</li> <li>○ Internship in Related Field - 0.5</li> </ul>	<p><b>Health Science</b>  <b>One of the following courses:</b></p> <ul style="list-style-type: none"> <li>○ EMT – 1.5</li> <li>○ Certified Nursing Assistant (MTECH) – 1.0</li> <li>○ Exercise Science/Sports Medicine – 1.0</li> <li>○ Medical Forensics - 1.0</li> <li>○ Dental Assistant (MTECH) - 4.0</li> <li>○ Medical Assistant (MTECH) - 4.0</li> <li>○ Pharmacy Technician (MTECH) - 3.0</li> </ul> <p><b>2.0 Elective credits required from the following:</b></p> <ul style="list-style-type: none"> <li>○ Emergency Medical Responder - 0.5</li> <li>○ Health Science, Introduction - 0.5</li> <li>○ Medical Anatomy and Physiology – 1.0</li> <li>○ Internship in Related Field - 0.5</li> </ul>
<p><b>Culinary Arts</b>  <b>Required courses:</b></p> <ul style="list-style-type: none"> <li>○ Foods &amp; Nutrition 1 – 0.5</li> <li>○ Culinary Arts 1 (Food &amp; Nutrition 2) – 0.5</li> <li>○ Culinary Arts 2 – 1.0</li> <li>○ Hospitality and Tourism - 0.5</li> <li>○ Internship in Related Field - 0.5</li> </ul>	<p><b>Interior Design</b>  <b>Required Courses:</b></p> <ul style="list-style-type: none"> <li>○ Interior Design 1 - 0.5</li> <li>○ Interior Design 2 - 0.5</li> <li>○ Digital Graphic Arts Intro - 0.5</li> <li>○ Business Communications – 1.0</li> <li>○ Internship in Related Field - 0.5</li> </ul>	<p><b>Auto Mechanics &amp; Repair</b>  <b>Required courses:</b></p> <ul style="list-style-type: none"> <li>○ Auto 1000 - Survey Auto Tech (UVU) - 1.5</li> <li>○ Auto 1130 - Engine Repair (UVU) - 1.5</li> </ul> <p><b>1.0 Elective credit required from the following:</b></p> <ul style="list-style-type: none"> <li>○ Machining 1 - 1.0</li> <li>○ Welding Tech - Entry - 1.0</li> <li>○ Internship in Related Field - 0.5</li> </ul>
	<p><b>Additional CTE Courses:</b></p> <ul style="list-style-type: none"> <li>○ Child Development - 0.5</li> <li>○ Sewing Construction &amp; Textiles – 0.5</li> </ul>	