

**CTAE Pathways**  
**Thomas County Central High School**

<b>Program</b>	<b>Pathway</b>	<b>Courses</b>	<b>Course Number</b>
<b>Agriculture, Food and Natural Resources</b>	Veterinary Science	<ul style="list-style-type: none"> <li>• Basic Agricultural Science</li> <li>• Animal Science and Biotechnology</li> <li>• Veterinary Science</li> </ul>	02.47100 02.42100 02.42400
	Forest Mechanical Systems Pathway	<ul style="list-style-type: none"> <li>• Basic Agricultural Science</li> <li>• Agricultural Mechanics Technology I</li> <li>• Forest Science</li> </ul>	02.47100 01.42100 03.45100
	Forestry/Wildlife Systems Pathway	<ul style="list-style-type: none"> <li>• Basic Agricultural Science</li> <li>• Forest Science</li> <li>• Wildlife Management</li> </ul>	02.47100 03.45100 03.45300
	Horticulture Mechanical Systems Pathway	<ul style="list-style-type: none"> <li>• Basic Agricultural Science</li> <li>• General Horticulture and Plant Science</li> <li>• Agricultural Mechanics Technology I</li> </ul>	02.47100 01.46100 01.42100
	Horticulture and Forest Science Pathway	<ul style="list-style-type: none"> <li>• Basic Agricultural Science</li> <li>• Forest Science</li> <li>• General Horticulture and Plant Science</li> </ul>	02.47100 03.45100 01.46100
	Horticulture and Animal Science Pathway	<ul style="list-style-type: none"> <li>• Basic Agricultural Science</li> <li>• General Horticulture and Plant Science</li> <li>• Animal Science and Biotechnology</li> </ul>	02.47100 01.46100 02.42100
	Forestry and Animal Science Pathway	<ul style="list-style-type: none"> <li>• Basic Agricultural Science</li> <li>• Forest Science</li> <li>• Animal Science and Biotechnology</li> </ul>	02.47100 03.45100 02.42100
<b>Architecture and Construction</b>	Welding Pathway	<ul style="list-style-type: none"> <li>• Industry Fundamentals and Occupational Safety</li> <li>• Introduction to Metals</li> <li>• Welding I</li> </ul>	46.54500 48.58100 48.55100
<b>Arts, AV/Technology &amp; Communications</b>	Audio-Video Technology and Film Pathway	<ul style="list-style-type: none"> <li>• Audio and Video Technology and Film</li> <li>• Audio-Video Technology and Film II</li> <li>• Audio-Video Technology and Film III</li> </ul>	10.51810 10.51910 10.52010
<b>Business Management and Administration</b>	Business and Technology Pathway	<ul style="list-style-type: none"> <li>• Introduction to Business and Technology</li> <li>• Business and Technology</li> <li>• Business Communications</li> </ul>	07.44130 07.44100 07.45100
	Entrepreneurship Pathway	<ul style="list-style-type: none"> <li>• Introduction to Business and Technology</li> <li>• Legal Environment of Business</li> <li>• Entrepreneurship</li> </ul>	07.44130 06.41500 06.41610
	Human Resources Management	<ul style="list-style-type: none"> <li>• Introduction to Business and Technology</li> <li>• Legal Environment of Business</li> <li>• Human Resources Principles</li> </ul>	07.44130 06.41500 06.41800
<b>Education and Training</b>	Early Childhood Care and Education	<ul style="list-style-type: none"> <li>• Early Childhood Education I</li> <li>• Early Childhood Education II</li> <li>• Early Childhood Education III</li> <li>or</li> <li>• ECE Internship</li> </ul>	20.52810 20.42400 20.42500  20.42600

<b>Health Science</b>	Therapeutic Services Patient Care Pathway	<ul style="list-style-type: none"> <li>• Introduction to Healthcare Science</li> <li>• Essentials of Healthcare</li> <li>• Patient Care and Fundamentals</li> </ul>	25.52100 25.44000 25.43600
	Therapeutic Services Allied Health Pathway	<ul style="list-style-type: none"> <li>• Introduction to Healthcare Science</li> <li>• Essentials of Healthcare</li> <li>• Allied Health and Medicine</li> </ul>	25.52100 25.44000 25.43700
<b>Information Technology</b>	Programming Pathway	<ul style="list-style-type: none"> <li>• Introduction to Digital Technology</li> <li>• Computer Science Principles</li> <li>• Programming, Games, Apps and Society</li> </ul>	11.41500 11.47100 11.47200
	Computer Science Pathway	<ul style="list-style-type: none"> <li>• Introduction to Digital Technology</li> <li>• Computer Science Principles</li> <li>• AP Computer Science</li> </ul>	11.41500 11.47100 11.01600
<b>Transportation, Distribution &amp; Logistics</b>	Automobile Maintenance and Light Repair Pathway	<ul style="list-style-type: none"> <li>• Maintenance and Light Repair I</li> <li>• Maintenance and Light Repair II</li> <li>• Maintenance and Light Repair III</li> </ul>	47.53100 47.53210 47.53310