

Family & Consumer Science Pathways	eBusiness & Computer Science Pathways	Agriculture Pathways
 <p>Nutrition & Food Science Pathway</p> <p>Culinary practices and principles with an emphasis on making healthy food and lifestyle choices. Participate in cooking labs and projects during class while engaging in leadership development through FCCLA co-curricular activities.</p> <p><u>Courses:</u></p> <ul style="list-style-type: none"> • Food, Nutrition, and Wellness • Food for Life* • Food Science* 	 <p>Computer Science Pathway</p> <p>In the computer science pathway, students will learn a variety of computer skills such as graphic design, animation, hardware, programming, game design, and robotics. You can earn college credit. *This pathway can count as a 4th science credit or foreign language.</p> <p><u>Courses:</u></p> <ul style="list-style-type: none"> • Introduction to Software Technology (formerly Introduction to Digital Tech) • Computer Science Principles* • AP Computer Science* 	 <p>Agriculture Mechanics Pathway</p> <p>In the Agriculture pathways, students will have the opportunity to learn the fundamentals of agriculture. They will be able to choose to specialize in either mechanics, animals, or plants after the first course.</p> <p><u>Courses:</u></p> <ul style="list-style-type: none"> • Basic Agriculture Science • Agricultural Mechanics I • Agricultural Mechanics II <p><i>CTAE+ eligible program</i></p>
<p>Early Childhood Education Pathway</p> <p>Early Childhood Education (ECE) are project-based courses where you study children and how they develop including parenting, discipline, and child directed play. Leadership development activities with FCCLA will provide students with a competitive edge for entry into the marketplace and/or a post-secondary institution.</p> <p><u>Courses:</u></p> <ul style="list-style-type: none"> • Early Childhood Education I • Early Childhood Education II • Early Childhood Education III 	<p>Graphic Design Pathway</p> <p>In Graphic Design, students will plan, utilize, and create visual Solutions to communications problems. They find the most effective way to get messages across in print, electronic, and film media using a variety of methods such as color, type, illustrations, photography, animation, and various print and layout techniques.</p> <p><u>Courses:</u></p> <ul style="list-style-type: none"> • Introduction to Graphics and Design • Graphic Design and Production • Advanced Graphic Design 	<p>Animal Systems Pathway</p> <p><u>Courses:</u></p> <ul style="list-style-type: none"> • Basic Agriculture Science • Animal Science and Biotechnology* • Agricultural Animal Production and Management <p>Plant Systems Pathway</p> <p><u>Courses:</u></p> <ul style="list-style-type: none"> • Basic Agriculture Science • General Horticulture & Plant Science* • Nursery and Landscape
<p>Foreign Language & Fine Arts Pathways</p> 	<p>Houston College & Career Academy</p> <p><i>The * courses are dual enrolled with Central Georgia Technical College</i></p>	<p>ROTC Pathway</p> 
<p>Foreign Language</p> <ul style="list-style-type: none"> • Spanish • French • Latin <p>*Students must have three years of the same foreign language to be a pathway completer.</p>	<p>Fine Arts</p> <ul style="list-style-type: none"> • Art • Theatre • Chorus • Band <p>*Students must have three years in the same fine art concentration to be a pathway completer.</p>	<ul style="list-style-type: none"> • Artificial Intelligence • Aircraft Structural Technology* • Audio/Video • Automotive Technology* • Barbering*/Cosmetology* • Computer Software Engineering (offered through MGSU) • Criminal Justice* • Cybersecurity • Culinary Arts* • Education/Teaching as a Profession • Emergency Medical Responder* • Engineering* • Fine Furniture and Cabinet Making • Fire Science • Healthcare Science and Nursing Aid Essentials* • HVAC* • Automation Technology* • Information Technology* • Welding* <p>In Air Force JROTC, students will learn and develop leadership and life skills to prepare them for their future endeavors. Three years of JROTC will fulfill the personal fitness/health graduation requirement.</p> <p><u>Courses:</u></p> <ul style="list-style-type: none"> • Aviation History • Flight Science * • Exploration of Space • Aerospace Science: Corps Management <p>*Can count as a fourth-year science credit</p>