



CCSD CAREER PATHWAYS

Agriculture, Food and Natural Resources Agriculture Mechanics Systems



	9 th Grade Courses	10 th Grade Courses	11 th Grade Courses	12 th Grade Courses
English	9 th Grade Lit/Comp or Advanced 9 th Grade Lit/Comp	10 th Grade Lit/Comp or Advanced 10 th Grade Lit/Comp	American Lit/Comp or Advanced American Lit or AP Lang/Comp or Dual Enrollment	British Lit/Comp or Advanced British Lit/Comp or AP English Lit/Comp or Dual Enrollment
Math	CCGPS Coordinate Algebra or Accelerated Coordinate Algebra/Analytic Geometry A	CCGPS Analytic Geometry or Accelerated Analytic Geometry B/Advanced Algebra	CCGPS Advanced Algebra or CCGPS Accelerated Pre-Calculus or Dual Enrollment	Advanced Mathematical Decision Making or CCGPS Pre-Calculus or AP Math course (Calculus, Statistics, Computer Sci) or Dual Enrollment
Science	Biology or Advanced Biology or AP Biology	Chemistry or Advanced Chemistry or Physics or Advanced Physics or Environmental Science or Earth Systems	Chemistry or Advanced Chemistry or Physics or Advanced Physics or AP Science course (Biology, Chemistry, Physics, EnvSci) or Dual Enrollment	Chemistry or Advanced Chemistry or Physics or Advanced Physics or AP Science course (Biology, Chemistry, Physics, EnvSci) or Dual Enrollment or Approved CTAE Science Pathway courses
Social Studies	American Govt/Civics or Advanced American Govt/Civics or AP Govt/Politics	World History or Advanced World History or AP World History	US History or AP United States History or Dual Enrollment	Economics or Advanced Economics or AP Macroeconomics or Dual Enrollment
Required Pathway Courses		<ul style="list-style-type: none"> Basic Agriculture Science 	<ul style="list-style-type: none"> Agriculture Mechanics Technology I 	<ul style="list-style-type: none"> Agriculture Mechanics Technology II*
Other Courses	Health & Personal Fitness+ (+Graduation Requirement) Foreign Language Math Support, Fine Arts, GA Virtual	Foreign Language Math Support, Fine Arts, GA Virtual	Foreign Language Math Support, Fine Arts, GA Virtual, AP, Dual Enrollment, Career-Based Learning	Foreign Language Fine Arts, GA Virtual, AP, Dual Enrollment, Career-Based Learning

Sample Occupations Related to This Pathway

- Equipment Operators
- Farm Equipment Installers
- Mechanics
- Service Technicians
- Post-Secondary Teachers
- Soil and Water Conservationists
- Agriculture Scientists
- Environmental Engineers
- Farm and Home Management Advisors

Agricultural and farm equipment mechanics are responsible for the maintenance, repair and installation of machines that increase the efficiency of farming activities, such as planting, harvesting and irrigating crops. Agricultural mechanics also service and repair smaller lawn and garden equipment operated by suburban homeowners. Modern farm equipment utilizes computers, electronics and hydraulics. Please visit gacollege411.com for more information about education, career planning and financial aid.

***Upon completion of the 3rd course in the pathway, students will take the NOCTI Agriculture Mechanics End of Pathway assessment, a nationally recognized industry-based credential exam that shows students' technical skill attainment. This is provided at no cost to the student by the Clarke County School District.**

Please note that this is intended as a guide and is not exhaustive.