



PROGRAM OF STUDY

Career Cluster: Agricultural, Food and Natural Resources

Career Cluster Pathway: Food Products and Processing Systems

This Career Pathway Program of Study can serve as a guide along with other career planning materials as learners continue on a career path. Courses listed within this program are only recommended coursework and should be individualized to meet each learner's education and career goals. This Program of Study has been customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

EDUCATION LEVELS	GRADE	English/ Language Arts 4 credits	Math <i>Note: Students accelerated in Math may have a slightly different sequence</i> 3 credits	Science 3 credits (2 Lab)	Social Studies/ Sciences 3 credits	Other Required Courses Or Recommended Electives	Career & Technical Courses And/or Degree Major Courses 1 credit	SAMPLE Occupations Relating To This Pathway
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Some CTE courses satisfy two graduation requirements* while earning one credit and may be eligible for dual credit. For a complete list, please refer to the course catalog or visit www.sumnersd.org/4080.

SECONDARY	9	9 th Grade English	Algebra I	Biology		Health Foundation of Fitness	Microsoft Office I	Requiring Less than a Baccalaureate degree Butchers and Meat Cutters Inspectors, Testers, Sorters, Samplers, and Weighers Quality Control Analysts Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products Slaughterers and Meat Packers Meat, Poultry, and Fish Cutters and Trimmers
	10	10 th Grade English	Geometry	Chemistry	Civics	Fine, Visual Or Performing Arts (2 credits)	Introduction to Business & Marketing	
	11	11 th Grade English	Algebra II	Biology II	U.S. History	<i>Nutrition & Fitness*</i>	Agricultural Marketing & Communications I & II	
	12	12 th Grade English	IB Math, Pre-Calculus, or Accounting I *	<i>Plant Science & Greenhouse Management*</i>	Contemporary World Problems	World Language: preferably Spanish I & II		

POSTSECONDARY	Year 13	Click on the occupations requiring less than a Baccalaureate degree listed on the right to explore the occupation profile and outlook via Careeronestop , your source for career exploration, training and jobs.	Requiring Baccalaureate Degree or Higher Agricultural Inspectors Biochemical Engineer Dietitians and Nutritionists Food Scientists and Technologists Microbiologists Public Relations Specialist Sales Engineers
	Year 14		
	Year 15	Click on the occupations requiring Baccalaureate degree or requiring more than Baccalaureate listed on the right to explore the occupation profile and outlook via Careeronestop , your source for career exploration, training and jobs.	
	Year 16		