

This Career Pathway Plan of Study can serve as a guide. Elective courses listed within this plan are only recommended coursework and should be individualized to meet your educational and career goals.



Milford High School Career Pathway Plan of Study



Agriculture, Food & Natural Resources: The production, processing, marketing, distribution, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

	Grade	English/ Language Arts	Math	Science	Social Studies	Other Required (R) Courses / Recommended Electives	Career and Technical Education (CTE) Courses	SAMPLE Occupations Relating to This Pathway
S E C O N D A R Y P L A N N I N G	9	English 9	<u>Begin Sequence:</u> Algebra I -or- Geometry (H)	<u>Begin Sequence:</u> Physical Science -or- Biology (H)	American Studies 9	Wellness I (R) Fine Art Requirement (R) World Language	Woodworking Technology Applied Business Applications	<ul style="list-style-type: none"> ▶ Agricultural and Food Science Technicians ▶ Agricultural Inspectors ▶ Agricultural Technicians ▶ Animal Breeders ▶ Animal Scientists ▶ Butchers and Meat Cutters ▶ Chemical Technicians ▶ Crop and Livestock Managers ▶ Farmers and Ranchers ▶ Farmworkers, Farm and Ranch Animals ▶ Food Science Technicians ▶ Food Science Technicians ▶ Pest Control Workers ▶ Purchasing Agents and Buyers, Farm Products ▶ Veterinarians ▶ Veterinary Technologists and Technicians ▶ Zoologists and Wildlife Biologists
	10	English 10	Select two: Algebra I Geometry Algebra II Trigonometry	Biology -or- Chemistry (H)	American Studies 10	Foods World Language Anatomy & Physiology I, II	Introduction to Culinary Applied Business Applications Marketing Education I Personal Finance & Career Management	
	11	English 11	Algebra II Applications of Math <u>Probability & Statistics</u> Trigonometry Pre-Calculus	Chemistry -or- AP Chemistry	Modern World Studies	Wellness II (R) <u>Anatomy & Physiology I, II</u> -or- Advanced Health World Language Environmental Science Global Climate Change	Applied Business Applications Personal Finance & Career Management Basic Welding Construction Technology Culinary Arts I Horticulture/Floriculture/ Greenhouse – <i>Alvirne HS</i> Marketing Education II Veterinary Tech. – <i>Alvirne HS</i>	
	12	English 12	Practical Trig. Trigonometry Pre-Calculus Calculus AP Calculus	Conceptual Physics Physics AP Physics		<u>College Composition</u> World Language Marine Biology	Advanced Construction Technology Personal Finance & Career Management <u>Culinary Arts II</u> Horticulture/Floriculture/ Greenhouse – <i>Alvirne HS</i> Veterinary Tech. – <i>Alvirne HS</i> Career Focus Internship	

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Notes: Courses in **Bold, Italics, Underlined** are eligible for College Credit! (Dual Enrollment)_____