

Available in comprehensive high schools

Horticulture



The Horticulture curriculum is delivered through a sequence of four classes: Intro to Agriscience and Technology, Landscaping or Flower Design, Horticulture, Agriculture Mechanical Technology, and Work Based Learning (WBL) Experience. These courses are designed to provide students with the knowledge and understanding of the principles of horticulture and practical application of those principles. One half credit of an Agricultural Cooperative Work Experience will be done at a nursery or related facility pending students meeting the WBL grade, attendance, and discipline requirements.

Major Units of Study

- Nursery and landscaping
- Basic principles of flower design
- Greenhouse management and production
- Environmental requirements of plants
- Types of plants
- Plant propagation
- Fertilizers
- Plant pest identification and control
- Floriculture
- Mechanics of agriculture
- Work based learning experience

Related Careers

- Horticulturist
- Florist
- Landscape designer
- Wholesale growers
- Related retail industry



Post-Secondary

- Qualified students can earn 3 college credits through an articulation with the Community College of Baltimore County, Dundalk
- College
- Technical Schools/Technical Certification



COMPLETER: *Horticulture*

CREDITS: 4

- Guideline for Course Selections
- Refer to Graduation Requirements in the Program of Studies for specific course requirements in each content area

Grade à	9	10	11	12
Exact scheduling depends on student’s plan and school’s master schedule.	English 9 (1)	English 10 (1)	English 11 (1)	English 12 (1)
	US Government (1)	US History (1)	World History (1)	
	Conceptual Physics (1)	Chemistry (1)	Biology (1)	
	Algebra I / Data Analysis (1)	Intermediate Algebra / Data Analysis (1)	Geometry (1)	Algebra II / Data Analysis (1)
	PE (.5) / Health (.5)		PE (.5) / Financial Literacy (.5)	
	Fine Arts (1)	Foundations of Technology (1)		
	World Language (1)	World Language (1)		
Completer Program Requirements #Choose .5 credit from these courses)	Intro to Agriscience & Technology (1)	Agricultural Mechanical Technology (1)	#Landscaping (.5) Or #Flower Design (.5-1)	Horticulture (1) Internship (.5)
Career Specific Electives (may be taken any year offered after prerequisites have been satisfied)	Financial Management Using Software Applications (1), Math elective beyond Alg. II/DA (.5-1), Business Principles & Practices (1), Marketing (1)			
8 credits possible per year				
Value Added: From: Program:	6 Articulated credits Community College of Baltimore County, Dundalk Horticulture			

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