

Landscape Management



at the Frederick County Career & Technology Center

Career Options:

With a 4-year college degree: Landscape Project Manager, Estimator, Business/Nursery Owner, Landscape Architect

With a 2-year college/technical school: Park Management, Turf Care Technician, Landscape Apprentice, Florist

Direct entry into the workforce: Landscape Maintenance Technician, Nursery Assistant

Overview: This program, available only at the Career and Technology Center, offers a unique combination of academic and practical experiences related to the landscaping industry. Emphasis is on the environmental impacts of the landscaping industry: native plants, identification, plant production, equipment operation and marketing.

Students develop the skills needed for employment or advanced education in the landscape industry, including turf care, landscaping maintenance, landscape design with emphasis upon proper techniques for pavers and construction of retaining walls and patios. Students will learn about park management through course work, laboratories, and supervised agricultural experiences. Students who qualify may participate in the apprenticeship program during the spring semester of their senior year.

Value Added:

- ❖ Students are prepared to sit for the Maryland Certified Professional Horticulturist (CPH) exam.
- ❖ Students may earn 8 credits toward a Park Management degree at Frederick Community College
- ❖ Students earn 5 college credits that can be applied at the University of Maryland Institute of Applied Agriculture, College Park.
- ❖ Students may earn 6 articulated college credits in FCC's Construction Management Program. Concurrent enrollment in the Introduction to Construction Management class can provide an additional 3 credits at FCC.
- ❖ Aerial Work Platform Certification Certificate (optional)

Application Process: Current 9th, 10th or 11th grade students should schedule a shadow visit through their home school counselor. Shadowing allows students to determine if the Landscape/Nursery Management program is appropriate for their career goals and allows the Landscape/Nursery Management instructor to evaluate the student's interest and aptitude. Students should be dressed to participate in a Landscape/Nursery Management lab setting. Students will receive an application to complete, which must also be signed by their guidance counselor and a parent/guardian. In addition to interest and aptitude, applicant's attendance and GPA are considered in the acceptance process.

For additional Information:

Log on to www.careertech.net/landscaping.htm

Contact the instructor at 240-236-8514

Program: **Landscape Management**

Post-Secondary Education: 4 year college degree

Careers: Landscape Architect, Owner/Operator of a Landscape Business, Consultant, Office Supervisor, Entomologist, Pesticide Specialist, Nursery Manager, Plant Breeder, Plant Researcher, Sales Representative, Landscape Contractor, Agricultural Education Teacher

This sample high school schedule prepares students to pursue a four year college degree in the Landscaping industry

Grade 9	Grade 10	Grade 11	Grade 12
English 9 Honors or Merit	English 10 Honors or Merit	English 11 Honors or Merit	AP English or English 12 Merit
Geometry	Algebra 2	Pre Calculus -or- Advanced Algebra w/Trig	AP Calculus I
Algebra based Physics	Biology Honors	Chemistry	AP Biology
Government	Modern World History	American Studies 2	Work study -or- Elective
Physical Education/Health	Fine Art elective	Landscape Management I (533110)	Landscape Management II (534111)
Technology Education Credit	Elective		
Foreign Language	Foreign Language		
Elective	Elective		

Color Key

	Elective Courses
	Required Courses for Graduation
	CTE Completer Courses



Frederick County
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What are You Doing?



Program: **Landscape Management**

Post-Secondary Education: 2 year technical school/AA degree, apprenticeship program or military training

Careers: Owner/Operator of your Landscape Business, Golf Course Superintendent, Garden Center Manager, Parks Superintendent, Estate Grounds Manager, Tree Surgeon, Greenhouse Grower and Propagator, Chemical Sales Representative, Lawn and Garden Sales Representative, Landscape Gardener, Pest Control Specialist, Plant Disease Specialist, Landscape Designer, Greens Keeper

This sample high school schedule prepares students to continue their Landscaping training at a two year technical school, apprenticeship program, or in the military

Grade 9	Grade 10	Grade 11	Grade 12
English 9 Honors or Merit	English 10 Honors or Merit	English 11 Honors or Merit	AP English or English 12 Merit
Algebra I	Geometry	Algebra 2	Math Elective
Intro Chem/Physics Honors or Merit	Biology Honors or Merit	Fundamentals of Chemistry –or- Environmental Science	Work study or Elective
Government	Modern World History	American Studies 2	Work study or Elective
Physical Education/Health	Fine Art elective	Landscape Management I (533110)	Landscape Management II (534111)
Technology Education Credit	Elective		
Foreign Language	Foreign Language		
Elective	Elective		

Color Key

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What are You Doing?



Program: **Landscape Management**

Post-Secondary Education: none required

Careers: Greenhouse Worker, Landscape Crew Person, Garden Center Employee, Golf Course Employee, Park Employee, Assistant Grounds Keeper, Nursery Worker, Orchardist, Chemical Sales Worker

This sample high school schedule prepares students to enter directly into the workforce in the Landscaping industry

Grade 9	Grade 10	Grade 11	Grade 12
English 9 Honors or Merit	English 10 Honors or Merit	English 11 Honors or Merit	AP English or English 12 Merit
Algebra IA	Geometry	Applied Algebra/Geometry	Contemporary Math
Intro Chem/Physics	Biology	Environmental Science	Work study or Elective
Government	Modern World History	American Studies 2	Work study or Elective
Physical Education/Health	Fine Art elective	Landscape Management I (533110)	Landscape Management II (534111)
Algebra IB	Technology Education Credit		
Elective	Elective		
Elective	Elective		

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