

Careers

A landscape technician is qualified through education and work experience in the greens industry to design landscape plans; install, construct, and maintain landscapes; and plant and maintain trees, shrubs, and other plants.

Landscape architects help plan sites and integrate man-made structures with the natural environment in the least disruptive way, as well as ensure compliance with environmental regulations and land use zoning.

In preparing designs, computer-aided design (CAD) has become an essential tool. In addition, many landscape architects use video simulation to help clients envision proposed ideas and plans. For larger scale site planning, they also use geographic information systems technology, a computer mapping system.

Career opportunities include positions as landscape supervisors, nursery managers, landscape contractors, and landscape designers.

Salary

In 2004, median annual earnings for landscape architects were \$53,120 (in the federal government \$74,508). Online career sites offer positions for landscape architects with a four-year degree and four years' experience, ranging from \$41,803 to \$80,273.

Job Outlook

Overall, employment of landscape architects is expected to grow through 2014, due to growth in residential, commercial, and heavy construction.

Education & Training Options

Montgomery College offers an associate of applied science degree (A.A.S) and a certificate in landscape technology. (*See reverse for landscape technology curricula.*)

■ Degree

The degree program provides a mixture of academic and practical training in the field of ornamental horticulture. The curriculum is flexible to accommodate career interests in either landscape contracting or design. Students learn to design and draft landscape plans; install, construct, and maintain landscapes; and identify, select, and plant woody and herbaceous plants.

■ Certificate

The certificate curriculum provides training, skills, and technical knowledge for landscape industry employees or allows you to obtain positions in the field of ornamental horticulture. You may enter the job market immediately upon completion of the curriculum or apply earned credits toward an A.A.S. in landscape technology. Selected courses have been approved by the Maryland Department of Agriculture.

Contact @ MC

Germantown Campus240-567-7803
www.montgomerycollege.edu/Departments/natscigt

Landscape Technology Curricula

Degrees, Certificates, and Letters of Recognition

Montgomery College is authorized by the Maryland Higher Education Commission (MHEC) to offer four degrees (associate of arts, associate of science, associate of applied science, and associate of arts in teaching) and certificates. In addition, the College recognizes students who satisfactorily complete certain course sequences with letters of recognition.

Some curricula are offered at all campuses, whereas others are limited to one or two. When a curriculum is offered at a specific campus, it is indicated by G for Germantown, R for Rockville, or TP for Takoma Park/Silver Spring.

Admission to Montgomery College is open to all.

Math, English, and reading assessment tests are required prior to registering. (Some students may be exempt from assessment. Consult the *Montgomery College Catalog* for criteria.) Financial aid and scholarships are available to qualified candidates.

Take the next step.

Complete an Application for Admission form (online @ www.montgomerycollege.edu/admissions/mcadmiss.htm) or call 240-567-5000 for information.

Landscape Technology A.A.S. (G): 328

General Education and Other Requirements (23 [25] credit hours)

BI 101	General Biology	4
EN 101	Techniques of Reading and Writing I	3
	English foundation	3
	Health foundation	1 (3)
	Mathematics foundation	3
	Speech foundation	3
	Arts or humanities distribution	3
	Behavioral and social sciences distribution	3

Landscape Technology Core Requirements (22 [23] credit hours)

BA 101	Introduction to Business	
	or	
MG 101	Principles of Management	
	or	
MG 205	Organizational Behavior	3
CA 120	Introduction to Computer Applications	3
CH 100A	Introductory College Chemistry	
	or	
CH 101	Principles of Chemistry I	3 (4)
LN 101	Introduction to Landscape Technology	2
LN 108	Plant Materials I	3
LN 109	Plant Materials II	3
LN 118	Landscape Management	3
LN 280	Landscape Technology Internship	2

In addition to the preceding list, select at least 15 credits from the following two course lists. Please consult a landscape technology adviser before selecting these courses.

(more)

Landscape Technology Curricula

(continued)

Landscape Technology A.A.S. (G): 328

(continued)

Landscape Contracting Courses

LN 110	Herbaceous Plant Materials	3
LN 115	Water Garden Management	2
LN 190	Pesticide Use and Safety	2
LN 204	Landscape Construction Methods and Estimating	3
LN 209	Interior and Greenhouse Plants	3
LN 215	Pest Management	3
LN 222	Turfgrass Management	3
LN 223	Diseases of Ornamental Plants	3
LN 225	Nursery Management	3

Landscape Design Courses

LN 110	Herbaceous Plant Materials	3
LN 115	Water Garden Management	2
LN 120	Landscape Graphics	3
LN 130	Landscape Design	3
LN 140	Creating Gardens in a Digital Age	3
LN 204	Landscape Construction Methods and Estimating	3

Total credit hours 60 (63)

Landscape Technology Certificate (G): 140

Landscape Technology Core Requirements (16 credit hours)

BA 101	Introduction to Business	
or		
MG 101	Principles of Management	
or		
MG 205	Organizational Behavior	3
LN 101	Introduction to Landscape Technology	2
LN 108	Plant Materials I	3
LN 109	Plant Materials II	3
LN 118	Landscape Management	3
LN 280	Landscape Technology Internship	2

In addition to the preceding list, select five courses from the following two course lists (if the same course appears in both lists, it can only be taken once to fulfill this requirement). Please consult a landscape technology adviser before selecting these courses.

Landscape Contracting Courses

LN 110	Herbaceous Plant Materials	3
LN 115	Water Garden Management	2
LN 190	Pesticide Use and Safety	2
LN 204	Landscape Construction Methods and Estimating	3
LN 209	Interior and Greenhouse Plants	3
LN 215	Pest Management	3
LN 222	Turfgrass Management	3
LN 223	Diseases of Ornamentals	3
LN 225	Nursery Management	3

Landscape Design Courses

LN 110	Herbaceous Plant Materials	3
LN 115	Water Garden Management	2
LN 120	Landscape Graphics	3
LN 130	Landscape Design	3
LN 140	Creating Gardens in a Digital Age	2
LN 204	Landscape Construction Methods and Estimating	3

Total credit hours 28 (31)