

# Nursery Management

The nursery management program prepares students for careers in the operation of nurseries, garden centers, arboretums, botanical gardens, parks, nature preserves, and zoos.

## Pursuing Nursery Management at Ohio State ATI

Ohio State ATI recommends that students entering the program of nursery management have completed a college preparatory curriculum. Previous hands-on experience may prove beneficial in pursuing this technology.

Students seeking an Associate of Applied Science in Nursery Management enter directly into the program upon completion of their admission requirements. All applicants are strongly advised to arrange a pre-admission conference in order to acquaint themselves with the various aspects of this technology.

Technical courses include the study of propagation of nursery plants, nursery management, plant identification, soils, irrigation, and drainage, as well as pest management and disease control.

This program requires that over 40 percent of the credits be earned in the general and basic studies of science, math, communications, and social science. Written expression, oral communication, technical reporting, economics, technical math, social science, biology, botany, and chemistry are some of the courses offered in general and basic studies.

To obtain an Associate of Applied Science in Nursery Management, students must complete a minimum of 105 quarter credit hours with a cumulative point-hour ratio of 2.0 or above. Students must satisfactorily complete a prescribed curriculum which includes at least 60 quarter hours in technical studies and 43 quarter credit hours in basic and general studies. A minimum of 45 quarter credit hours must be earned through regular course work at the institute, exclusive of an internship.

Practicum is a supervised work experience that provides training and practice in the skills of identification, care and maintenance of both woody and herbaceous plants. It involves the propagation and growing of ornamental plants in the ATI nursery and at the Ohio Agricultural Research and Development Center's Secrest Arboretum. Special events at ATI and OARDC provide experience in the preparation of horticultural expositions. Practicum also involves equipment operation.

**For more information, check these web sites:**

**Nursery Management:** [www.ati.osu.edu/programs](http://www.ati.osu.edu/programs)

**Ohio State ATI:** [www.ati.osu.edu](http://www.ati.osu.edu)

**Ohio State:** [www.osu.edu](http://www.osu.edu)

## Internships

Students in nursery management complete 15 weeks of internship experience. Internship locations may be close to a student's home or virtually anywhere in the world. During internship, students are paid for their employment, graded on their job performance, and awarded academic credit.

## Career Prospects in Nursery Management

Graduates can enter the work force as technicians or managers in the following areas of responsibility.

Nurseries—propagation, plant culture, pest management, inventory control, and supervision;  
 Garden Centers—selling, advertising, and merchandising;  
 Arboretum and Botanical Gardens—plant culture, management, propagation, education, and research;  
 Zoos — horticulturists

Beginning salaries for graduates of the nursery management program range from \$22,000 to \$27,000 annually. After a few years of experience, salaries typically range from \$30,000 to \$38,000 annually.

## Related Programs

Ohio State ATI also offers an Associate of Science in Horticultural Science. This degree option allows students to begin their course work toward a Bachelor of Science. Students who pursue this degree at Ohio State ATI can meet a portion of the requirements for a bachelor's degree at The Ohio State University College of Food, Agricultural, and Environmental Sciences.

In addition, this degree contains the transfer module, a common set of general education courses which apply to bachelor's degrees at other colleges in Ohio. Consult the Horticultural Science major series sheet for the curriculum details of this option.

## Opportunities for Outstanding Students

Each spring, the Outstanding Student Banquet recognizes the top student in each major or technology. Ohio State ATI also has a chapter of Phi Theta Kappa, the international honor society for students at two-year institutions. Selection for this prestigious society is based upon academic achievement and leadership qualities. Students with cumulative grade point averages of between 3.7 and 4.0 are eligible to graduate with Latin honors (summa cum laude, magna cum laude, or cum laude).

**Admissions:** [www.ATIadmissions.osu.edu](http://www.ATIadmissions.osu.edu)

**Visit ATI:** [www.ati.osu.edu/visit\\_campus.html](http://www.ati.osu.edu/visit_campus.html)

## Curriculum Sample

### First Year:

Autumn Quarter	
General Botany	5
Horticultural Power and Equipment	4
Personal and Career Orientation	1
First-Year Written Composition	3
Landscape Horticulture Plants and Materials I	3
Practicum	1

### Winter Quarter

Technical Mathematics I	5
Landscape Horticulture Plants and Materials II	3
Greenhouse Environmental Control	4
Introduction to Microcomputer Applications	1
Social science or humanities elective	3

### Spring Quarter

Occupational Internship	6
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### Summer Quarter

Plant Diseases of Ornamentals and Turf	3
Essentials of Oral Communications	3
Occupational Internship	3
General and Applied Entomology	3
<b>Total hours</b>	<b>51</b>

### Second Year:

Autumn Quarter	
General Economics	5
Introductory Chemistry I	4
Business Communication	3
Nursery Management	4
Social science or humanities elective	3

### Winter Quarter

Managerial Accounting	5
Small Business Management	3
Introductory Chemistry II	4
Social science or humanities elective	3
Propagation	4

### Spring Quarter

Human Resource Management	4
Principles of Nursery Management	4
Herbaceous Plants	3
Introduction to Soils and Soil Management	4
<b>Total hours</b>	<b>53</b>

## About Ohio State ATI

Ohio State ATI, located in Wooster, Ohio, is ranked number one in the nation in the awarding of associate degrees in agriculture and related sciences and is the associate-degree granting unit of The Ohio State University College of Food, Agricultural, and Environmental Sciences. Twenty-five technical programs leading to the Associate of Applied Science or Associate of Science degree are offered at the Wooster campus. Two Certificate of Competency programs, in hydraulic service and repair and commercial turf equipment, are also offered. Within four months of graduation, 99% of Ohio State ATI graduates are employed or pursuing bachelor's degrees.

Ohio State ATI's 50-acre central campus features classroom and laboratory buildings, horticultural facilities, the student activities center, residence hall, and Applewood Village student apartments. A 1700-acre farm laboratory is located five miles east of the central campus, which includes a 3-acre nursery growing facility.

Halterman Hall houses classrooms, the Library Learning Resource Center, computer labs, administrative and faculty offices, as well as specialized laboratory facilities for chemistry, physics, entomology, biology, botany, soils, floral design, and landscape classes.

Adjacent to Halterman Hall is Skou Hall, home to classrooms, academic offices, and laboratories for animal, dairy, and equine sciences and turfgrass management. Skou Hall also houses engine, electronics, construction, and Fluid Power classes, and contains the Ohio State ATI Bookstore, Café Carmen, a student lounge, and the office of Student Success Services, which provides career and personal counseling, tutoring, study groups, disability services, and other support services to students.

Ohio State ATI's greenhouse complex, tropical plant conservatory, and numerous outdoor gardens assure that the campus is blooming and beautiful year-round.

Ohio State ATI's student activities center features a weight room, game room, gymnasium, and racquetball courts and coordinates activities and events sponsored by student clubs. An active intramural sports program makes use of ATI's multi-purpose athletic field.

The Ohio State ATI residence hall features fully-furnished efficiency apartments that include a kitchenette and full bath. The Applewood Village student apartments are fully-furnished one-, two-, or three-bedroom townhouses. Both the residence hall and apartment village are air conditioned and include utilities, cable TV, and Internet access. Parking is free on the ATI campus.

Revised July 2005

## Contact information:

The Ohio State University Agricultural Technical Institute  
Office of Admissions | 1328 Dover Road | Wooster, Ohio 44691-4000  
(330) 264-3911 ext. 1327 | Toll free in Ohio 1-800-OH-STATE