

URBAN AGRICULTURE, BASIC CERTIFICATE



College(s): OH

The Basic Certificate in Urban Agriculture at Olive-Harvey College is designed to equip students with foundational knowledge and skills in sustainable food production and community-based agriculture within urban environments. This program combines elements of environmental science, horticulture, public health, and community engagement to address the unique challenges and opportunities of urban agriculture. Through hands-on learning and interdisciplinary coursework, students will develop practical expertise in urban farming techniques, resource management, and sustainable practices that enhance local food systems and promote food security in underserved neighborhoods.

By completing this certificate, students will be prepared for entry-level roles in urban agriculture, including positions within community gardens, urban farms, nonprofit organizations, and municipal food programs. This program responds to the increasing demand for professionals skilled in sustainable agriculture and community food systems and is ideal for those interested in careers that intersect with urban farming, environmental stewardship, public health, and food policy.

Program Requirements

Code	Title	Hours
Required Program Core		
HORTIC 104	Plant Propagation	4
URB AG 110	Introduction to Urban Agriculture	3
URB AG 111	Hydroponics and Aquaponics	3
URB AG 112	Greenhouse Management	3

Required Work-Based Learning Courses

URB AG 200	Applications in Urban Agriculture Studies	3
Total Hours		16

Pathway

This is an example course sequence for students interested in pursuing Urban Agriculture. This does not represent a contract or guarantee course availability. If this pathway is followed as outlined, students will earn a Basic Certificate (BC) in Urban Agriculture.

Semester-by-Semester Program Plan for Full-Time Students

Semester 1		Hours
URB AG 110	Introduction to Urban Agriculture	3
URB AG 111	Hydroponics and Aquaponics	3
HORTIC 104	Plant Propagation	4
Hours		10
Semester 2		Hours
URB AG 200	Applications in Urban Agriculture Studies	3
URB AG 112	Greenhouse Management	3
Hours		6
Total Hours		16

All plans can be modified to fit the needs of part-time students by adding more semesters.

Careers

This program can prepare students for the jobs listed below. Click on each one to learn more, including average earnings, annual job openings, and how much education people in that field have. For additional guidance and resources on career options, current City Colleges students and alumni can contact the Career Services Office (<https://www.ccc.edu/departments/Pages/Career-Services.aspx>).

Farmworkers and Laborers, Crop, Nursery, and Greenhouse

Job Description

Manually plant, cultivate, and harvest vegetables, fruits, nuts, horticultural specialties, and field crops. Use hand tools, such as shovels, trowels, hoes, tampers, pruning hooks, shears, and knives. Duties may include tilling soil and applying fertilizers; transplanting, weeding, thinning, or pruning crops; applying pesticides; or cleaning, grading, sorting, packing, and loading harvested products. May construct trellises, repair fences and farm buildings, or participate in irrigation activities.

Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Lightcast earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

Annual Wages

Entry-Level 10 th Percentile	\$28,181
Median 50 th Percentile	\$35,043
Senior-Level 90 th Percentile	\$59,599

Hourly Wages

Entry-Level 10 th Percentile	\$14
Median 50 th Percentile	\$17
Senior-Level 90 th Percentile	\$29

Annual Job Openings

130 annual openings in Cook County

National Education Attainment

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	67.50%
A certificate	0.32%
Some college	5.32%
An Associate degree	2.00%
A Bachelor's degree	16.80%
A Master's or Professional degree	8.07%
A Doctoral degree or more	0.00%

24.87% continue their education beyond an associate degree

Farmers, Ranchers, and Other Agricultural Managers

Job Description

Plan, direct, or coordinate the management or operation of farms, ranches, greenhouses, aquacultural operations, nurseries, timber tracts, or other agricultural establishments. May hire, train, and supervise farm

workers or contract for services to carry out the day-to-day activities of the managed operation. May engage in or supervise planting, cultivating, harvesting, and financial and marketing activities.

Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Lightcast earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

Annual Wages

Entry-Level 10 th Percentile	\$9,354
Median 50 th Percentile	\$42,371
Senior-Level 90 th Percentile	\$208,395

Hourly Wages

Entry-Level 10 th Percentile	\$4
Median 50 th Percentile	\$20
Senior-Level 90 th Percentile	\$100

Annual Job Openings

226 annual openings in Cook County

National Education Attainment

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	4.16%
A certificate	8.82%
Some college	18.50%
An Associate degree	23.84%
A Bachelor's degree	44.67%
A Master's or Professional degree	0.00%
A Doctoral degree or more	0.00%

44.67% continue their education beyond an associate degree