



**Pennsylvania  
Institute of  
Technology**

# Cannabis Horticulture

**Be at the forefront of an emerging market.**

Acquire the specialized growing and extraction skills to make your resume stand out from the crowd.

## What is the Cannabis Horticulture Program?

The Cannabis Horticulture associate degree program prepares graduates to start their own business, work for a grow/extraction operation, become an edibles/formulation specialist or transfer credits to a university to earn a bachelor's degree! Medicinal and adult use cannabis is currently the greatest job-creation machine in America. The cannabis workforce increased by 33% year over year since 2016, with 2021 being the fifth year in a row of growth higher than 27%.

## Why is the program beneficial to me?

Graduates of the Cannabis Horticulture Program will earn an associate's degree. Students pursuing a career in Cannabis Horticulture will be uniquely prepared for jobs and to continue education by transferring into a bachelor's degree program.

## Job Market

- Director of Cultivation
- Grower
- Horticulturist
- Extraction Manager
- Edibles Specialist
- And more!



## Go Further, Faster.

In addition to being prepared for an immediate career, P.I.T. has transfer agreements with a number of colleges and universities in the area. These agreements enable you to transfer your college credits earned at P.I.T. or apply them toward a bachelor's degree offered at P.I.T. to continue your education successfully. P.I.T. will prepare you for the next step that's right for YOU!



Pennsylvania Institute of Technology  
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## CANNABIS HORTICULTURE (CAH)

### Associate in Science (A.S.) Recommended Course Sequence

Code	Course (Credits)
CAT109	The Politics, History, and Ethics of the Cannabis Industry (3)
ENG108	Composition (3)
BIO105	General Biology (3)
BIO106	General Biology Lab (1)
ENG215	Analytical Writing (3)
CAT108	The Science of Medical Cannabis (3)
CAT164	Principles of Botany (3)
CAT178	Soil Fertility & Growing Mediums (3)
CAT188	Irrigation Principles and Practices (3)
CAT131	Legal Aspects of Alternative Health Therapies (3)
CAT208	Plant Genetics and Breeding (4)
CAT200	Alternative Therapeutic Health Horticulture I (3)
MTH130	Mathematics for Healthcare Professionals (3)
CAT210	Alternative Therapeutic Health Horticulture II (3)

Code	Course (Credits)
SIT203	Basic Office Software Applications (3)
HUM140	Critical Thinking in the Modern Age (3)
CAT206	Principles of Psychedelic Therapies (3)
CAT213	Introduction to Agribusiness (3)
CAT228	Plant Harvest and Extraction (3)
COM108	Communications and Social Interaction (3)
MTH207	Statistics (3)
CAT218	Food and Agricultural Laws and Policies (3)

**PROGRAM TOTAL: 65**

\*Prerequisite coursework is required.  
NOTE: Additional course(s) may be required  
based on the results of a placement test.

Our Cannabis Studies Program is comprised of three separate tracks. The first, Cannabis Health Therapy, provides our students with the knowledge required to achieve their professional goals as advisors and counselors of individuals utilizing medical marijuana in their treatment regimen. Our second program, Cannabis Business, prepares our graduates for careers in cannabis entrepreneurship. Lastly, Cannabis Horticulture includes courses in plant biology and extraction technology. All Cannabis Studies programs will prepare our graduates for a growing job market that seeks motivated and educated individuals in the fast-growing cannabis industry.



Lou Giannotti,  
Cannabis Studies  
Program Director

**Apply Now**

**Begin FAFSA**

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School Code: 010998

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