

Cannabis Horticulture

Be at the forefront of an emerging market

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

Why Choose P.I.T. to prepare you as a Cannabis Horticulture professional?

✓ **Transferrable Credits**

✓ **Intimate Learning Environment and Family Atmosphere**

✓ **Parallel Learning**

✓ **Learn at Your Own Pace with eLearning at P.I.T.**

✓ **Free Tutoring**

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, 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 21% in 2018. It gained another 44% in 2019, and economists expect at least another 20% growth in jobs in 2020. That would represent a 110% growth in cannabis jobs in just three years.

Through a careful examination of the botany, growing, harvesting, and extraction aspects of a cannabis agribusiness, students will be exposed to all levels of a grow/ formulation operation.

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 such as:

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



Where can I go after P.I.T.?

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. and complete a bachelor's degree at any accredited college or university. P.I.T. will prepare you for the next step that's right for YOU!

CANNABIS HORTICULTURE (CSH)

Associate in Science (A.S.)

Recommended Course Sequence

Code	Course (Credits)		
CAT 109	The Politics, History, and Ethics of the Cannabis Industry 3)	CAT 131	Legal Aspects of Alternative Health Therapies (3)
ENG 108	Composition (3)	SIT 203	Basic Office Software Applications (3)
BIO 105	General Biology (3)	BUS 211	Financial Accounting (3)
BIO 106	General Biology Lab (1)	CAT 213	Introduction to Agribusiness (3)
ENG 215	Analytical Writing (3)	CAT 228	Plant Harvest and Extraction (3)
CAT 108	The Science of Medical Cannabis (3)	COM 108	Communications and Social Interaction (3)
CAT 164	Principles of Botany (3)	MTH 207	Statistics (3)
CAT 178	Soil Fertility & Growing Mediums (3)	CAT 218	Food and Agricultural Laws and Policies (3)
CAT 188	Irrigation Principles and Practices (3)		
CAT 140	Critical Thinking in the Modern Age (3)		
CAT 208	Plant Genetics and Breeding (4)		
CAT 200	Alternative Therapeutic Health Horticulture (3)		
MTH 145	College Algebra and Trigonometry (3)		
CAT 210	Alternative Therapeutic Health Horticulture II (3)		

PROGRAM TOTAL: 65

*Prerequisite coursework is required.

NOTE: Additional course(s) may be required based on the results of a placement test.

Course Highlights

CAT 164– Principles of Botany

This course focuses on introductory plant biology as a fundamental element of understanding the cannabis plant from a structural and functional perspective. It defines a plant's structure, function, and development, including a review of the botanical kingdoms, stressing reproductive cycles, and evolution.

CAT 131–Legal Aspects of Alternative Health Therapies

This course compares and contrasts the laws enacted by the Federal government versus the State governments. As of 2019, a total of 34 states, District of Columbia, Guam, Puerto Rico, and US Virgin Islands have approved a comprehensive, publicly available medical marijuana/ cannabis programs.

CAT 228– Plant Harvest & Extraction

This course will outline what Co2 extracts are and how they are made; cover the numerous varieties of products made with extracted cannabis oil; explore the latest developments in liquid and solid concentrates as well as the cutting-edge techniques being used in CO2, BHO, and rosin concentrates., and more.

TUITION INFORMATION

Number of Terms in Program

Traditional – 6 Terms

Academic or Certification Achievement

Associate Degree for transfer to university or employment

Tuition and Fees for Associate Degree Programs

- Graduation Fee: \$100
- May exclude books and supplies, course or program fees.

*A detailed breakdown may be obtained in the financial aid office.