CANNABIS - LEVEL 2 (CERTIFICATE T0893)

Natural Science Division
Certificate T0893
The Cannabis - Level 2 certificate build on the Cannabis - Level 1 certificate and prepares students for advanced level positions in the Cannabis industry. Students are required to complete 6 courses that encompass advanced level Cannabis cultivation techniques, soil science, pest diagnostics, as well as Cannabis facility management as it applies to Cannabis cultivation outcomes. The required courses develop a foundation in cultivation techniques to achieve specific production goals. In addition, students will be able to troubleshoot and diagnose pest issues in a Cannabis cultivation system, as well as managing the abiotic inputs of growing facilities including, lighting, irrigation, and arrangement. This certificate also requires the student to complete work experience course in an approved Cannabis production facility.

Required Courses

Course Prefix	Course Name	Units
Completion of Cannabis - Level 1 Coursework		17
PLUS		
Completion of Cannabis - Level 2 Coursework		18
Total Units		**35**

Course Prefix	Course Name	Units
Cannabis - Level 1 Coursework		
AGOR 1	Horticultural Science	3
AGOR 2	Plant Propagation/Greenhouse Management	3
AGOR 32	Landscaping and Nursery Management	3
AGOR 80	Cannabis the Plant and Industry	2
AGOR 81	Cannabis Cultivation	3
Variable Unit Course. Three units required.		3
AGOR 91	Work Experience in Horticulture	
Cannabis - Level 2 Coursework		
AGOR 24	Integrated Pest Management	3
AGOR 50	Soil Science and Management	3
AGOR 64	Irrigation - Drip and Low Volume	3
AGOR 82	Cannabis Advanced Cultivation	3
AGOR 83	Cannabis Facilities and Operations Management	2
Variable Unit Course. Four units required.		4
AGOR 90	Work Experience in Cannabis Operations	
Total Units		**35**

Program Learning Outcomes

Upon successful completion of this program, a student will be able to:

- *Select soil media based on Cannabis grow operation.*
- *Demonstrate advanced Cannabis propagation techniques.*
- *Design irrigation systems for different crop applications.*
- *Demonstrate proficient use of tools of the trade in Cannabis operations.*

Review Student Learning Outcomes (SLOs) (http://www.mtsac.edu/instruction/outcomes/sloinfo.html) for this program.