

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: HRT 193 **Credits:** 3

Course Title: Topics in Horticulture: Cannabis (Hemp) Production

Course Description:

Cannabis (Hemp) is a new crop option for growers in Virginia. There are a lot of legal and production aspects that producers need to be aware of, as well as regulations to follow. This class will introduce students to the legal and production aspects of Cannabis (Hemp) in an outdoor and indoor environment. 2 lecture hours, 2 lab hours, total 3 credits

General Course Purpose:

Anyone interested in producing, or learning more about, Cannabis (Hemp) production in Virginia. Including production for fiber, oil, feed, or flower, for personal or commercial applications. Also includes the legal aspects and requirements through the Virginia Department of Agriculture and Consumer Services (VDACS).

Course Prerequisites and Co-requisites:

none

Student Learning Outcomes:

Upon completing the course, the student will be able to

- Successfully schedule and produce Cannabis (Hemp)
- Identify issues and solve problems as they relate to plant health
- Identify plant needs in an outdoor or indoor environment
- Understand the legal requirements of current laws and regulations as administered by VDACS.

Major Topics to Be Included:

- Current trends and legal issues in the Cannabis Industry
- Outdoor Cannabis (Hemp) Production
- Indoor Cannabis (Hemp) Production
- Photoperiodic responses in Cannabis
- Plant nutrition
- Plant/water relationships
- Plant cloning and seed production
- Pest and diseases common in Cannabis (Hemp) production

Effective Date/Updated: August 28, 2022