COURSE IMPLEMENTATION DATE:
COURSE REVISED IMPLEMENTATION DATE: September 2007
COURSE TO BE REVIEWED: April 2011
(Four years after UPAC final approval date) (MONTH YEAR)

OFFICIAL COURSE OUTLINE INFORMATION

Students are advised to keep course outlines in personal files for future use.
Shaded headings are subject to change at the discretion of the department and the material will vary - see course syllabus available from instructor

FACULTY/DEPARTMENT:	**Science, Health and Human Services - Agriculture Technology**	
AGRI 194		**3**
COURSE NAME/NUMBER	FORMER COURSE NUMBER	UCFV CREDITS

Practical Horticulture
COURSE DESCRIPTIVE TITLE

CALENDAR DESCRIPTION:

Students will become familiar with the horticultural aspects of grounds maintenance and greenhouse management, which may include some landscape construction techniques, pruning, fertilizing, and planting/transplanting of landscape plant materials. Review of tools and equipment used in landscape maintenance work will be covered. Off-campus field trips are required, and students will be expected to work outdoors in inclement weather. All students must have their own steel-toed safety boots, rain gear, and work gloves. Work in the UCFV greenhouses will be required. Students should budget approximately $35 for field trips.

PREREQUISITES: Full-time enrollment in the Horticulture Crop Production certificate program or instructor's permission
COREQUISITES: None

SYNONYMOUS COURSE(S)	SERVICE COURSE TO:
(a) Replaces: _____ *(Course #)*	*(Department/Program)*
(b) Cannot take: _____ *(Course #)* for further credit.	*(Department/Program)*

TOTAL HOURS PER TERM:		**90**	TRAINING DAY-BASED INSTRUCTION	
STRUCTURE OF HOURS:			LENGTH OF COURSE:	
Lectures:	**15**	Hrs	HOURS PER DAY:	**Course meets for 15 days, 8:30-4:30,**
Seminar:		Hrs		**Monday to Friday in April**
Laboratory:	**75**	Hrs		
Field Experience:		Hrs		
Student Directed Learning:		Hrs		
Other (Specify):		Hrs		

MAXIMUM ENROLLMENT:	**20**	
EXPECTED FREQUENCY OF COURSE OFFERINGS:	**Once a year, month of April**	
WILL TRANSFER CREDIT BE REQUESTED? (lower-level courses only)	☒ Yes	☐ No
WILL TRANSFER CREDIT BE REQUESTED? (upper-level requested by department)	☐ Yes	☒ No
TRANSFER CREDIT EXISTS IN BCCAT TRANSFER GUIDE:	☒ Yes	☐ No

AUTHORIZATION SIGNATURES:

Course Designer(s):	Nancy Moore	Chairperson:	Norma Senn *(Curriculum Committee)*
Department Head:	Norma Senn	Dean:	Wanda Gordon
UPAC Approval in Principle Date:		UPAC Final Approval Date:	Apr. 27, 2007

LEARNING OBJECTIVES / GOALS / OUTCOMES / LEARNING OUTCOMES:

Upon successful completion of this course, students will be able to:
- measure, mix, and apply fertilizers to greenhouse crops
- identify and control diseases and pests of bedding plants
- measure area, then determine appropriate rates of application of fertilizers and soil amendments to turf and garden bed areas
- demonstrate application of fertilizer and various fertilizer methods to turf and garden beds
- demonstrate safe and correct installation of hard landscaping features (for example, pavers, retaining walls, etc.) to industry standards
- demonstrate safe and correct bed preparation and planting
- demonstrate safe and correct planting methods for trees and shrubs
- demonstrate safe and correct installation of sod and seed turf areas to industry standards
- demonstrate safe and appropriate pruning methods for ornamental trees and shrubs to industry standards

METHODS:

- On-going work in the UCFV greenhouses
- Hands-on landscape construction project performed by the students
- Some off-campus field trips will be required

PRIOR LEARNING ASSESSMENT RECOGNITION (PLAR):

Credit can be awarded for this course through PLAR (Please check:) ☒ Yes ☐ No

METHODS OF OBTAINING PLAR:

Horticulture Technician Certificate from Canadian Landscape Trades Association or portfolio that demonstrates up-to-date experience/skill in course topics.

TEXTBOOKS, REFERENCES, MATERIALS:

[Textbook selection varies by instructor. An example of texts for this course might be:]

SUPPLIES / MATERIALS:

Steel-toed work boots, work gloves, pruning shears, all weather clothing, $35 for field trips

STUDENT EVALUATION:

[An example of student evaluation for this course might be:]

Attendance is mandatory and monitored
Check off list for performance of horticultural skills

COURSE CONTENT:

[Course content varies by instructor. An example of course content might be:]

- Introduction to course including overview of basic safety procedures (note: instruction of safety procedures continues throughout all tasks)
- Review landscape design with various tasks broken into sections:
  - basic site preparation
  - installation of hard landscape features such as retaining walls, pavers, arbours, benches
  - garden bed preparation and planting including preparation of soil and soil amendments, transplanting plant materials with appropriate after planting care, turf installation/repair
  - ongoing greenhouse care such as watering, fertilizing, transplanting, and pest control, as needed.