



Managing Landscapes

HORT 1500

Dual Credit Program through Olds College, online, asynchronous, September - December, 2022

Program Description

Students will gain experience in managing landscape sites through acquisition and implementation of design principles, cultural practices of plant material, and advancing the sustainability of landscape environments to industry standards.

Upon successful completion of the course, students will earn three post-secondary credits for HORT 1400 Managing Landscapes, and five 30-level high school credits. This course is part of the Horticulturist Technologist Diploma program at Olds College.

Student Eligibility and Prerequisites

Applications for this program is open to all fulltime CESD students:

1. Who are excited about learning and sharing their ideas
2. Who are in grades 10, 11 or 12 and who have an interest in learning about Horticulture.
3. Who are able to commit to the duration of the program, participating in learning activities and completing assignments and tests as scheduled, and who can meet

regularly with the Off Campus Teacher to communicate about progress in the course and to identify strategies for success.

4. **Prerequisite:** English Language Arts 10-1 (70% minimum)

Important Dates

- **Applications due:** September 16, 2022
- **Schedule:** asynchronous online - follow course schedule, Sept. - Dec. 2022

Program Benefits

1. Earn five 30-level high school options credits and three post-secondary credits without paying post-secondary tuition
2. Reduce stress associated with the transition from high school to post-secondary
3. Experience a post-secondary online learning environment and explore potential Post Secondary and career options

Estimated Costs

1. Tuition - \$0 (**savings of approximately \$500**)
2. Textbooks and materials - \$0 - 150 (estimated)

Course Outline

Upon successful completion of this course, students will have the following competencies:

- a. Develop a landscape maintenance schedule.
- b. Prepare a turf maintenance plan.
- c. Prepare a plant material maintenance plan.
- d. Prepare a planting bed maintenance plan.
- e. Prepare an irrigation maintenance plan.
- f. Prepare a snow removal plan.
- g. Demonstrate selected career advancement strategies.

Additional Information

Tuition costs are covered by Chinook's Edge School Division. However, students are responsible for costs associated with textbooks and any additional materials required for the course.

Students' marks will appear on their high school transcript as well as their post-secondary transcript.

Supply List

Horticulture 1500 Producing Horticulture Crops *Students (with the support of their school to ensure all is in place) must secure the below items ahead of the course start date. The seed packages mentioned below will be mailed out to students from Olds College.

- 6 x 10" round plastic pots. Sold as "Grower Planter, Green" at Canadian Tire for approx. \$3.49 each
- Grower Plant Saucers also advised (you can also use pie pans; this is to protect your window sill from dripping water)
- Miracle Grow or similar potting mix (needs fertility, either fertilizer or compost). Approx. a 1 cubic foot or 28L bag of potting soil should be adequate.
- Watering can with a beaker end (can evenly spread the water out over a larger area)
- Any type of labeling system (can be as simple as tape and marker as long as it will stick if it gets a little wet)
- An open window, ideally south facing for maximum winter sun exposure (a school with greenhouse space or grow-lights will get best results)
- Ruler
- Scissors/Knife for harvesting
- Kitchen scale measuring to grams, no decimals required...
- Plastic bags, Ziploc type sandwich is best
- Seeds will be mailed from Olds College. Seeds are provided free of cost, though shipping rates apply - Olds College will charge \$10 per student for postage
- Ability to take photo's (cell phones are fine)