

**Clackamas Community College**

## Online Course/Outline Submission System

---

 Show changes since last approval in red**Section #1 General Course Information****Department:** Horticulture**Submitter**

First Name: Renee

Last Name: Harber

Phone: 3294

Email: rharber

---

**Course Prefix and Number:** HOR - 239

---

**# Credits:** 1**Contact hours**

Lecture (# of hours):

Lec/lab (# of hours): 24

Lab (# of hours):

Total course hours: 24

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

---

**Course Title:** Tree Climber Training**Course Description:**

The safe use of rope and saddle tree climbing procedures will be covered through lecture, discussion, and field practice. For beginner to moderately experienced climbers. Class includes a lab component.

---

**Type of Course:** Career Technical Preparatory

Is this class challengeable?

**Yes**

Can this course be repeated for credit in a degree?

**No**

Is general education certification being sought at this time?

**No**

Does this course map to any general education outcome(s)?

**No**

Is this course part of an AAS or related certificate of completion?

**Yes**

**Name of degree(s) and/or certificate(s): Horticulture AAS, Landscape AAS**

Are there prerequisites to this course?

**No**

Are there corequisites to this course?

**No**

Are there any requirements or recommendations for students taken this course?

**No**

Are there similar courses existing in other programs or disciplines at CCC?

**No**

Will this class use library resources?

**Yes**

**Have you talked with a librarian regarding that impact?**

**No**

Is there any other potential impact on another department?

**No**

Does this course belong on the Related Instruction list?

**No**

GRADING METHOD:

**A-F or Pass/No Pass**

**Audit: Yes**

When do you plan to offer this course?

**✓ Winter**

Is this course equivalent to another?

If yes, they must have the same description and outcomes.

**No**

Will this course appear in the college catalog?

**Yes**

Will this course appear in the schedule?

**Yes**

**Student Learning Outcomes:**

Upon successful completion of this course, students should be able to:

1. demonstrate competence in tying of the knots typically used by arborists,
2. demonstrate knowledge needed to allow him/her to begin working, under close supervision, with rope and saddle climbing in trees,
3. explain the safe work practices for climbing trees.

---

***This course does not include assessable General Education outcomes.***

---

**Major Topic Outline:**

1. Week 1.
  - a. Introductions.
  - b. Knots: clove hitch, taut line hitch, bowline, blake, square, french prussik, figure 8, bowline, a bite.
  - c. Use and care of climbing equipment: saddle, climbing line, safety line, flip line, throw balls.
  - d. Setting rope.
  - e. Setting the rope in a good location with throwing ball.
  - f. Body thrusts.
2. Week 2.
  - a. Knot review and demonstration of competence.
  - b. Foot locking.
  - c. Safe work practices including personal protective equipment.
  - d. Trusting the rope.
  - e. Tying into the tree.
  - f. Movement within a tree.
3. Week 3.
  - a. Knot review and demonstration of competence.
  - b. Gear movement in and out of the tree as well as from site to site.
  - c. Managing brush in the tree and on the ground.
  - d. Review of body thrusting, foot locking, tying into the tree and movement within a tree.
  - e. Limb walking.
4. Week 4.
  - a. Knot review and demonstration of competence.
  - b. Landscape protection.
  - c. Aerial rescue.
  - d. Advance gear, advance knots.
  - e. Ascension tools for getting into a tree.
  - f. Light rigging.

- g. Communication within the tree and to ground Workers.
- h. Redirecting your movement within a tree.
- i. Moving from tree to tree.

Does the content of this class relate to job skills in any of the following areas:

- |                                      |           |
|--------------------------------------|-----------|
| 1. Increased energy efficiency       | <b>No</b> |
| 2. Produce renewable energy          | <b>No</b> |
| 3. Prevent environmental degradation | <b>No</b> |
| 4. Clean up natural environment      | <b>No</b> |
| 5. Supports green services           | <b>No</b> |

Percent of course: 0%

First term to be offered:

**Next available term after approval**

:

---