University of Hawaii Community Colleges
Proposal to Initiate, Modify or Delete a Course

1. Type of Action
   - A. Addition  ☑  Regular or ☐ Experimental or ☐ Other (click and type to specify)
   - ☐ B. Deletion
   - ☐ C. Modification: ☐ in credits  ☐ in title  ☐ in number or alpha
   - ☑ in prerequisites or co-requisites  ☐ Other (click to specify)

2. New Alpha, Number and Title  AG 159 Tree Climbing
3. Credits  1 credit

4. Old Alpha, Number and Title

5. New Catalog Description
   An introduction to tree climbing using ropes and tree maintenance equipment in and around trees.

6. Select box and type specific information in text box.
   - ☑ Prerequisites
   - ☑ Corequisites or
   - ☑ Recommended Preparation
   AG 155 or consent of instructor.
   Physical and mental capacity to climb trees using ropes

7. 8. Student Contact Hours Per Week
   - Lecture
   - Lecture/Lab
   - Lab 3
   - Other (click to specify)

9. Proposed Date of First Offering
   - Semester  Spring
   - Year  2008

10. This course ☑ is proposed for the Agricultural Tech. Program. ☑ can fulfill  * If Other, specify

11. This course Makes No Difference in the number of credits required for the program/core.

12. Equivalent or similar courses offered in the UH System:

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<th>Alpha, Number, Title</th>
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13. This course is (check one and click in appropriate textbox and provide details):
   - ☑ Already articulated with
     Provide details of existing or desired articulation (date, college(s), purposes, pre-major, etc.) in this space:

   - ☑ Appropriate for Articulation with
     Provide details of existing or desired articulation (date, colleges(s), purposes, pre-major or major, etc.) in this space:

   - ☑ Not yet appropriate for Articulation.

14. Reason for Initiating, Modifying or Deleting Courses or Other Pertinent Comment:
   This is one of four new courses being proposed for the new area of emphasis (Subtropical Urban Tree Care SUTC) within the Agriculture Technology Program. The Oahu tree care industry is valued at 40 million dollars and there are no educational programs supporting the industry.

Requested by:  [Signature]  9/24/07
Approved by:  [Signature]  10/23/07
[Signature]  11/6/07
[Signature]  10/8/07

CCCM #6100 (Amended for WCC use October 2002)
University of Hawaii Community Colleges  
Proposal to Initiate, Modify or Delete a Course  

Levels of Review of Course Proposal at Windward Community College  

Course Alpha, Number, and Title: AG 159 Tree Climbing  

1. Department Area (more than one departmental instructor's signature required)  

   Signature: [Signature]  
   Date: 9/6/07  

2. Department Chairperson  
   Department Chairperson: [Signature]  
   Date: 9/6/07  

   Was this course discussed in a department meeting? ☑ Yes  ☐ No  

3. Division  
   Division Chairperson: [Signature]  
   Date: 9/26/07  

4. Curriculum Committee Review  
   Approved ☑  
   Disapproved ☐  

   Reason:  

   Curriculum Committee Chairperson: [Signature]  
   Date: October 23, 2007  

CCCM #6100 (Amended for WCC use October 2002)
University of Hawaii Community Colleges  
Proposal to Initiate, Modify or Delete a Course  
New Course Proposal Form – Go to next page for Course Modification

WCC Form for New Course Proposals  
(This sheet was originally pink.)

1. How is this course related to the education needs and goals of the College/Department/Community as reflected in the EDP/ADP?

The 2006 STRATEGIC PLAN under 1.0 letter F; explore possible additions to curriculum (e.g., agriculture) Under 3.0 Promote workforce development and I. Support and expand high quality technical course offerings.

2. Provide details of any additional staff, equipment, facilities, library/media material, faculty preparation and other financial support that would be required to implement this course. (Include an estimate of the actual cost of supplies and equipment.) What has been done to provide for these additional costs for the proposed date of offering? Who will teach the course?

A lecturer will be required to teach this course. Qualified industry people are willing to do the job.

3. Is a similar course taught elsewhere in the UH system? No  If yes, provide details of how this course differs from existing similar courses.

4. Is this course experimental and/or unique to Windward Community College? No  If yes, provide rationale and details of its impact on the College Curriculum

5. Is a similar course taught in the upper division level by a 4-year UH college? No  If yes, explain why this course is appropriate at the lower division or how it differs from its upper division counterpart.

6. Please attach a complete course outline. Your course outline should address all the items listed in the Guidelines for Course Outlines.

7. If this course is numbered 100 or above or appropriate for transfer to a 4-year college, complete and attach WCC Form for Transfer Courses (blue). See criteria for transfer courses.

CCCM #6100 (Amended for WCC use September 2002)  
Original dated WCC 9/91
Course Alpha and Number Ag 159 Tree Risk Assessment

Submitted by  Dave Ringuiette

Date September 24, 2007

1. List the counterpart to this course on any 4-year UH campus. Describe the relationship between the course any related baccalaureate program area.

None

2. Is this course taught or accepted by major accredited colleges or universities? Give one or two examples.

Virginia Tech  HORT 3354
Purdue University  FNR 444

3. Please attach a complete course outline if you have not done so already. Your course outline should address all the items listed in the Guidelines for Course Outlines.
AG 159 Tree Climbing
One Credit
Time: (days and time)

INSTRUCTOR: Lecturer
OFFICE: HALE ULUWEHI
TELEPHONE: 
EFFECTIVE DATE: Spring 2008

Windward Community College Mission Statement

Windward Community College is committed to excellence in the liberal arts and career development; we support and challenge individuals to develop skills, fulfill their potential, enrich their lives, and become contributing, culturally aware member of our community.

Catalog Description

An introduction to tree climbing using ropes and tree maintenance equipment in and around trees.

Activities Required at Scheduled Times Other Than Class Times

None

STUDENT LEARNING OUTCOMES

At the completion of this course, you should be able to:
(List the course’s student learning outcomes.)

1. Ascend a tree with ropes to a minimum of 15 feet
2. Use ISA standards to prune a tree while attached to a rope

COURSE CONTENT (may be part of the appendix)

Concepts or Topics (What students should know or understand)

1. Tie climbing knots
2. Prune trees to ISA standards

Issues (Issues that are important in this discipline)

Skills or Competencies (What students should be able to do in order to complete the student learning outcomes)

1. Tie climbing knots
2. Climb a tree with ropes safely
3. Prune a tree to ISA standards
2. Tree health

**Course Tasks**

Students will be assessed on their ability to tie 10 knots, climb 15 feet in a tree following ISA standards, prune a tree using ISA standards. Each of the three tasks will be 30% of the course grade, the remainder 10% will be based upon class participation. The exam will be competency based, there will be no written questions. Attendance is mandatory and any unexcused absence may result in dismissal from the course.

**Learning Resources and Materials**

Text: The tree climbers companion, by Jeff Jepson
Students are required to wear steel toed shoes and climbing gloves

**Additional Information (may be part of an appendix)**

This is a potentially dangerous course and as such safety is paramount. The safety procedures are explained in the first class. Any violation of the procedures will result in the student being terminated from the course.
AG 159 TREE CLIMBING
Topics

Selection, Use and Care of Equipment
Safety when climbing trees
Tools for climbing (ropes, saddles, saws, etc)
Knots for climbing
Rope Installation
Controlled Descent
Climbing
Aerial Lift Operation
Pruning
Hazard Awareness