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

1. Type of Action
   - A. Addition
   - B. Deletion
   - C. Modification:
     - in credits
     - in title
     - in prerequisites or co-requisites
     - in number or alpha
     - Other

2. New Alpha, Number and Title
   AG 158 Tree Pruning and Felling Equipment
3. Credits
   1 credit

4. Old Alpha, Number and Title
5. Credits

6. New Catalog Description
   An introduction to the arboriculture uses of pruning and felling equipment. Safety and efficient use are emphasized

7. Select box and type specific information in text box.
   - Prerequisites
   - Corequisites
   - Recommended Preparation

8. Student Contact Hours Per Week
   - Lecture
   - Lecture/Lab
   - Lab
   - Other

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

10. This course is proposed for the Agricultural Tech. Program 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:

<table>
<thead>
<tr>
<th>Campus</th>
<th>Alpha, Number, Title</th>
<th>Campus</th>
<th>Alpha, Number, Title</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>None</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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:  
Approved by:  
Date:  
Date:  
Date:  
Date:  
Date:

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 158 Tree Pruning and Felling Equipment

Signatures

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

   [Signatures]

   Dates

   [8/19/07]
   [9/16/07]
   [9/16/07]

2. Department

   [Signatures]

   Department Chairperson

   Was this course discussed in a department meeting? □ Yes □ No

3. Division

   [Margaret Coberly]

   [9/26/07]

4. Curriculum Committee Review

   Approved □

   Disapproved □

   Reason:

   [Signature]

   Curriculum Committee Chairperson

   [October 23, 2007]

CCCM #6100 (Amended for WCC use October 2002)
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?

The current Agriculture Instructor will teach the course as part of his workload. The additional equipment will be donated by industry.

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.
WCC Form for Transfer Courses
(To be completed for articulation with any 4-year UH campus)
(This sheet was originally blue.)

Course Alpha and Number AG 158 Tree Pruning and Felling Equipment

Submitted by Dave Ringuette

Date February 20, 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.

UMASS Forestry 210

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 158 Tree Pruning and Felling Equipment

One Credit
Time: (days and time)

INSTRUCTOR: Dave Ringuette
OFFICE: Hale Uluwehi
TELEPHONE: 808-263-9265
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 the arboriculture uses of pruning and felling equipment. Safety and efficient use are emphasized.

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. Operate a chain saw using ISA ANSI Z133.1 standards
2. Select the correct tool for the task
3. 

COURSE CONTENT (may be part of the appendix)

Concepts or Topics (What students should know or understand)

1. Tool safety
2. Proper cutting techniques
3. Tool Selection

Issues (Issues that are important in this discipline)

1. Safety
2. Tree Health
3. Efficient tool use

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

1. Operate a chain saw according to ISA standards and OSHA requirements
2. Maintain pruning and felling tools
3. Prune trees using proper tools
Course Tasks
The student will be required to demonstrate the proper operation and maintenance of tree cutting tools (50% of grade). The student will demonstrate proper cutting techniques (50% of grade). All students are required to have appropriate clothing (Long pants, long sleeved shirt, steel toe shoes). Students will be required to lift and operate a 5-10 pound gas powered tool.

Learning Resources and Materials
Handouts will be provided
Steel toe work shoes are required

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.
Pruning and Felling Tools Use

Topics

- Tool Selection
- Safety
- Personal Protective Equipment
- Inspection, Transport, Storage
- Cutting Techniques
- Sharpening and Maintenance
- ANSI Z133.1