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 number or alpha
     - in prerequisites or co-requisites
     - Other
     (click and type to specify)

2. New Alpha, Number and Title
   AG 155 Tree Risk Assessment

3. Credits
   3 credits

4. Old Alpha, Number and Title

5. Credits
   *

6. New Catalog Description
   This is an introductory course in the evaluation of hazard trees. It is intended for those students interested in pursuing careers in arboriculture.

7. Select box and type specific information in text box.
   - Prerequisites
   - Corequisites or
   - Recommended Preparation
   AG 155

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

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: [Signature]
Approved by: [Signature]

CCCMM #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 15 Tree Risk Assessment

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

<table>
<thead>
<tr>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9/6/07</td>
</tr>
<tr>
<td></td>
<td>9/6/07</td>
</tr>
<tr>
<td></td>
<td>9/6/07</td>
</tr>
</tbody>
</table>

2. Department

   Department Chairperson

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

3. Division

   Margaret Cobenby

   9/26/07

4. Curriculum Committee Review

   Approved ☑
   Disapproved □

   Reason:

   Jean Shibuya
   Curriculum Committee Chairperson
   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
University of Hawaii Community Colleges
Proposal to Initiate, Modify or Delete a Course
Articulation with 4-year UH Campus Form

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 156 Tree Risk Assessment

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.

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 156 Tree Risk Assessment
Three Credits
Time: (days and time)

INSTRUCTOR:
OFFICE:
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

This is an introductory course in the evaluation of hazard trees. It is intended for those students interested in pursuing careers in arboriculture.

Activities Required at Scheduled Times Other Than Class Times
NONE

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

1. Perform tree site inspections
2. Perform tree inspections
3. Document tree risk hazards

COURSE CONTENT (may be part of the appendix)

<table>
<thead>
<tr>
<th>Concepts or Topics (What students should know or understand)</th>
<th>Skills or Competencies (What students should be able to do in order to complete the student learning outcomes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Tree structure, faults, decay</td>
<td>1. Use tools to perform hazard assessment</td>
</tr>
<tr>
<td>2. Factors required for tree hazards</td>
<td>2. Determine hazard ratings</td>
</tr>
<tr>
<td>Issues (Issues that are important in this discipline)</td>
<td>3. Understand hazard definitions</td>
</tr>
<tr>
<td>1. Tree characteristics</td>
<td></td>
</tr>
<tr>
<td>2. Tree risk assessment</td>
<td></td>
</tr>
</tbody>
</table>
Course Tasks

Written examinations and quizzes are based upon the concepts, skills, and/or issues discussed in class. You will be required to show your competencies with your hands and pen. You are expected to read and comprehend the textbooks, and lectures, and actively engage in the learning process.

METHODS OF EVALUATION:

Two Examinations: 50%
Seven Quizzes: 30%
Participation: 20%

GRADES

A= 90% or higher
B= 80-89%
C= 70-79%
D= 60-69%
F= less than 60%

Please refer to the WCC College catalog for audit, withdrawal, and incomplete options.

STUDENT RESPONSIBILITY

1. Students unable to be present on the day of the exam are required to notify the instructor at least one day prior to the exam day. It is the responsibility of the student to make up any exams and or classes missed.

2. Students absent from class will be held responsible for the material covered in class and any announcements made in class.

ATTENDANCE POLICY

You will be allowed 3 sick days and one vacation day during the semester. If you are more than one-half hour tardy you will be docked a half day. If you use more than the allotted time you will lose 2 points toward the final grade.
for each day missed beyond the allocated amount. If you do not use up your allotted leave time you will gain 2 points toward the final grade for each unused day.

**Learning Resources and Materials**

Evaluation of Hazard Trees in Urban Areas by Matheny and Clark

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

- Instructor expectations
- Sample grading rubrics or scoring sheets
- Additional policies
- Expectations
- Any information you feel the student needs to know
AG 157 Tree Risk Assessment

Definitions and criteria
Tree Appraisal
Arborists qualifications
Tools and equipment
Tree growth patterns and the development of structural defects
Site considerations
Evaluating trees for hazards
Mitigation
Liability and Negligence