PROPOSAL TO INITIATE, MODIFY OR DELETE A COURSE

1. TYPE OF ACTION
   - Addition (specify)
   - Deletion (specify)
   - Modification in credits (specify)
   - Modification in title (specify)
   - Modification in number (specify)
   - Modification in prerequisites (specify)
   - Other (specify)

2. NEW ALPHA, NUMBER AND TITLE
   - AG 044 LANDSCAPE EQUIPMENT

3. CREDITS
   - 1

4. OLD ALPHA, NUMBER AND TITLE
   - n/a

5. CREDITS
   -

6. NEW CATALOG DESCRIPTION
   - Teaches the operation and maintenance of equipment used in landscape operations.

7. PREREQUISITES OR RECOMMENDED PREPARATION
   - AG 80 or concurrent

8. STUDENT CONTACT HOURS PER WEEK
   - Lecture __________ Lecture/Lab __________ Lab __________
   - Other (specify)

9. PROPOSED DATE OF FIRST OFFERING
   - Fall 1991

10. THIS COURSE
    - IS REQUIRED
    - IS AN ELECTIVE
    - CAN FULFILL
    (Please specify) FOR THE WCC Agriculture PROGRAM CORE

11. THIS COURSE
    - INCREASES
    - DECREASES
    - MAKES NO CHANGE IN
    - NUMBER OF CREDITS REQUIRED FOR THE PROGRAM/CORE

12. SIMILAR COURSES OFFERED ELSEWHERE:
    - College(s):
      - None

13. THIS COURSE IS
    - ALREADY ARTICULATED
    - APPROPRIATE FOR ARTICULATION
    - NOT APPROPRIATE FOR ARTICULATION
    (Provide details of existing or desired articulation (date, college(s), purposes, pre-major or major, etc.))

14. REASON FOR INITIATING MODIFYING OR DELETING COURSE OR OTHER PERTINENT COMMENT:
    - After meeting with industry people for two years and analyzing Dept. of Labor & Relations labor requirement projections, a strong need is seen by all parties for this course.

REQUESTED BY: ____________________________
APPROVED BY: ____________________________

Department Chairperson
Curriculum Committee
Faculty Senate
Dean of Instruction
Provost

Change recorded by Catalog Preparer

CCCM #6100
(Amended for WCC use Mar 1990)
# Levels of Review of Course Proposals at WCC

<table>
<thead>
<tr>
<th>Signatures</th>
<th>Dates</th>
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<tbody>
<tr>
<td><strong>1. Subject Area</strong> <em>(one or more instructors in the area)</em></td>
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<tr>
<td>Clyde L. Noble</td>
<td>10-9-90</td>
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<tr>
<td><strong>2. Department</strong></td>
<td>10/5/90</td>
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<tr>
<td>Department Chairperson</td>
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<tr>
<td><strong>3. Division</strong></td>
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<tr>
<td>Assistant Dean of Instruction</td>
<td>10-10-90</td>
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<td><strong>4. Curriculum Committee Review</strong></td>
<td></td>
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<tr>
<td>Approved <strong>X</strong></td>
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<tr>
<td>Disapproved</td>
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<td>Reason:</td>
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<tr>
<td>Jean Okamura</td>
<td>10/18/90</td>
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<tr>
<td>Curriculum Committee Chairperson</td>
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</table>
WINDWARD COMMUNITY COLLEGE

OUTLINE OF COURSE OBJECTIVES

COURSE NAME: LANDSCAPE EQUIPMENT
COURSE NUMBER: AG 044
CREDIT HOUR: 01 (2 hrs. lecture/lab)

CATALOG DESCRIPTION:
Teaches the operation and maintenance of equipment used in landscape operations.

REQUIREMENTS COURSE SATISFIES:

AT WCC: Meets CC requirements for Plant Landscaping
AT UH MANOA: None

PREREQUISITES: AG 80 or concurrent

RECOMMENDED SPECIAL PREPARATION:

RECOMMENDED BASIC SKILLS LEVELS: None
Reading Level of Text(s): 12th Grade
Other:

ACTIVITIES REQUIRED AT SCHEDULED TIMES OTHER THAN CLASS TIMES:
None

INSTRUCTOR: DAVE RINGUETTE
OFFICE: AG Facility (Greenhouse)
OFFICE HOURS:
TELEPHONE: 235-7496
EFFECTIVE DATE: FALL 1991
WINDWARD COMMUNITY COLLEGE

COURSE OUTLINE

AG 044

A. GOALS:

1. To safely and properly operate and maintain equipment used in landscaping.

B. OBJECTIVES:

1. Operate and maintain power mowers, line trimmers, edgers, chain saws, and hedge trimmers.
2. Operate and maintain hand tools.
3. Keep records properly for servicing equipment.

C. METHOD OF GRADING:

1. One exam worth 100 points.
2. Properly use equipment - practical - 200 points.
3. Letter grades will be assigned as follows:
   A  90 - 100%
   B  80 - 89%
   C  70 - 79%
   D  60 - 69%
   F  Less than 60%

For CR/NC and W grades, see WCC Catalog

4. Students unable to be present in class on the day of the exam are required to notify the instructor as soon as possible, before the exam. It is the responsibility of the student to make up any exams or classes missed.

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

D. MODE OF INSTRUCTION:

Lectures, demonstrations, hands-on.

E. TEXTBOOK:

Handouts
Landscape Equipment

Course description

Teaches the operation and maintenance of equipment used in landscape operations.

Topics to be covered:

<table>
<thead>
<tr>
<th>Week</th>
<th>Topics</th>
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<tbody>
<tr>
<td>1</td>
<td>Equipment safety/OSHA Laws</td>
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<tr>
<td>2-3</td>
<td>Equipment operation and maintenance</td>
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<tr>
<td></td>
<td>Power equipment - mowers, hedge trimmers, line trimmers, chain saws, and edgers</td>
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<tr>
<td>4</td>
<td>Motors</td>
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<tr>
<td>5-6</td>
<td>Hand tools - pole saws, spreaders, sprayers, pruners, shovels, rakes, and hoes</td>
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<tr>
<td>7</td>
<td>Sharpening blades</td>
</tr>
<tr>
<td>8</td>
<td>Record keeping</td>
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</tbody>
</table>

Taught 4 hours/week for 8 weeks
WCC FORM FOR NEW COURSE PROPOSALS

Course G-44 Submitted by D. Ringwitt Date 9/26/90

1. How is this course related to the educational needs and goals of the College/Department/Community as reflected in the EDP? 
   - Meets community needs

2. Provide details of any additional staff, equipment, facilities, library/media material 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?
   - Lecturer cost - 1 credit
   Initially the course will be taught at Job sites. Once donated facilities and equipment are in place it will be taught at WCC.

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 on 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 appropriate for transfer to a 4-year UH college, complete and attach WCC Form for Transfer Courses (blue).

WCC 3/90