# Proposal to Initiate, Modify or Delete a Course

## 1. Type of Action
- **Addition**: Regular
- **Deletion**: No
- **Modification**: in credits

## 2. New Alpha, Number and Title
- AG 040 TURFGRASS' EQUIPMENT

## 3. Credits
- 1

## 4. Old Alpha, Number and Title
- n/a

## 5. Credits
- n/a

## 6. New Catalog Description
- Teaches the operation and maintenance of equipment used in turfgrass operations.

## 7. Prerequisites or Recommended Preparation
- AG 82 or concurrent

## 8. Student Contact Hours Per Week
- Lecture 2
- Lecture/Lab 2
- Lab 2

## 9. Proposed Date of First Offering
- Spring 1992

## 10. This Course
- **Required**
- **Elective**
- **Can Fulfill**

## 11. This Course
- **Increases**
- **Decreases**
- **Makes No Change**

## 12. Similar Courses Offered Elsewhere:
- **College(s):** None

## 13. This Course Is
- **Already Articulated**
- **Appropriate for Articulation**
- **Not Appropriate for Articulation**

## 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 & Industry Relation labor requirement projections, a strong need is seen by all parties for this course.
# 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> (one or more instructors in the area)</td>
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<tr>
<td>Clyde J. Noble</td>
<td>10-9-90</td>
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| **2. Department**           |         |
|                            | 10/9/90  |
|                            |          |

| **3. Division**             |          |
|                            | 10-10-90 |
|                            |          |

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<thead>
<tr>
<th><strong>4. Curriculum Committee Review</strong></th>
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<tbody>
<tr>
<td>Approved</td>
<td>X</td>
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<tr>
<td>Disapproved</td>
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<td><strong>Reason:</strong></td>
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<tr>
<th>Jean Okumura</th>
<th>10/18/90</th>
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<tr>
<td>Curriculum Committee Chairperson</td>
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WINDWARD COMMUNITY COLLEGE

OUTLINE OF COURSE OBJECTIVES

COURSE NAME: TURFGRASS EQUIPMENT
COURSE NUMBER: AG 040
CREDIT HOUR: 01 (2 hrs. lecture/lab)

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

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

PREREQUISITES:
   AG 82 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:

INSTRUCTOR: DAVE RINGUETTE

OFFICE: AG Facility (Greenhouse)

OFFICE HOURS:

TELEPHONE: 235-7496

EFFECTIVE DATE: FALL 1991
A. GOALS:

1. To safely and properly operate and maintain equipment used in turfgrass operations.

B. OBJECTIVES:

1. Operate and maintain mowers, aerators, sod cutters, dethatchers, sprayers and top dressers.

2. Keep records properly for serving 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. TEXTBOOKS:

   Handouts
Turfgrass Equipment

Course description

Teaches the operation and maintenance of equipment used in turfgrass 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>2-5</td>
<td>Equipment operation and Maintenance</td>
</tr>
<tr>
<td></td>
<td>mowers, aerators, sod cutters,</td>
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<tr>
<td></td>
<td>sprayers, top dressers</td>
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<tr>
<td>6</td>
<td>Motors</td>
</tr>
<tr>
<td>7</td>
<td>Sharpening blades</td>
</tr>
<tr>
<td>8</td>
<td>Record keeping</td>
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Taught 4 hours/week for 8 weeks
WCC FORM FOR NEW COURSE PROPOSALS

Course AG-40    Submitted by D. Ringwett    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? (Discussed costs for 1 credit) Initially the course will be taught at job sites. Once donated facilities and equipment are in place it will be held 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