PROPOSAL TO INITIATE, MODIFY OR DELETE A COURSE

1. TYPE OF ACTION
   A. Addition: Regular [X] Experimental [ ] Other [ ]
   B. Deletion [ ]
   C. Modification in credits [ ] in title [ ] in number or alpha [ ] in prerequisites [ ] Other [ ]

2. NEW ALPHA, NUMBER AND TITLE: AG 082 TURFGRASS MANAGEMENT

3. CREDITS: 03

4. OLD ALPHA, NUMBER AND TITLE: N/A

5. CREDITS: _____

6. NEW CATALOG DESCRIPTION:
   Identification planting, and maintenance of turfgrass for home, park, and golf areas. Discusses watering, fertilizing, insects, disease, and weed control in turfgrass.

7. PREREQUISITES OR RECOMMENDED PREPARATION:
   AG 43 or concurrent

8. STUDENT CONTACT HOURS PER WEEK:
   Lecture 2 Lecture/Lab 2 Lab

9. PROPOSED DATE OF FIRST OFFERING:
   Spring 1992

10. THIS COURSE [X] IS REQUIRED [ ] IS AN ELECTIVE [ ]
     FOR THE WCC Agriculture PROGRAM/CORE
     (Please specify)

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

12. SIMILAR COURSES OFFERED ELSEWHERE:
    College(s): Maui CC
    Alpha, Number, Title: AG 260 Turfgrass Management

13. THIS COURSE IS
    [ ] ALREADY ARTICULATED [ ] APPROPRIATE FOR ARTICULATION [X] NOT APPROPRIATE FOR ARTICULATION
    with [ ]

    (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. Labor & Industry Relations labor requirement projections, a strong need is seen by all parties for this course.

REQUESTED BY: [Signature]

APPROVED BY: [Signature]

Date: 10/1/90

Date: 11/14/90

Date: 11/16/90

Date: 11/19/90

Date: 11/20/90

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>
</tr>
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<tbody>
<tr>
<td>1. Subject Area (one or more instructors in the area)</td>
<td>Clyde L. Noble</td>
</tr>
<tr>
<td>2. Department</td>
<td></td>
</tr>
<tr>
<td>Department Chairperson</td>
<td>12/9/90</td>
</tr>
<tr>
<td>3. Division</td>
<td></td>
</tr>
<tr>
<td>Assistant Dean of Instruction</td>
<td>10-10-90</td>
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<tr>
<td>4. Curriculum Committee Review</td>
<td></td>
</tr>
<tr>
<td>Approved</td>
<td>X</td>
</tr>
<tr>
<td>Disapproved</td>
<td></td>
</tr>
<tr>
<td>Reason:</td>
<td></td>
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<tr>
<td>Jan Oleary</td>
<td>Curriculum Committee Chairperson</td>
</tr>
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WINDWARD COMMUNITY COLLEGE

OUTLINE OF COURSE OBJECTIVES

COURSE NAME: TURFGRASS MANAGEMENT

COURSE NUMBER: AG 082

CREDIT HOUR: 03 (2 hrs. lecture, 2 hrs. lecture/lab)

CATALOG DESCRIPTION:
Identification, planting, and maintenance of turfgrass for home, park, and golf areas. Discusses watering, fertilizing, insects, disease, and weed control in turfgrass.

REQUIREMENTS COURSE SATISFIES:

AT WCC: Meets CC requirements for Plant Landscaping

AT UH MANOA: None

PREREQUISITES: AG 043 or equivalent

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:

One or two field trips.

INSTRUCTOR: DAVE RINGUETTE

OFFICE: Ag Facility (Greenhouse)

OFFICE HOURS:

TELEPHONE: 235-7496

EFFECTIVE DATE: Fall 1991
A. GOALS:
   1. To properly select, install, and maintain turfgrass under local conditions.

B. OBJECTIVES:
   1. To prepare soil for planting.
   2. Apply fertilizers properly.
   3. Plant turfgrass sexually and asexually propagated.
   4. Interpret blueprints.
   5. Identify major pests and disease and apply control measures.
   6. Understand turfgrass varieties cultural and environmental requirements.

C. METHOD OF GRADING:
   1. Two exams worth 100 points each.
   2. Ten quizzes worth 10 points each.
   3. Letter grades will be assigned as follows:
      
      | Grade | Percentage |
      |------|------------|
      | A    | 90 - 100%  |
      | B    | 80 - 89%   |
      | C    | 70 - 79%   |
      | D    | 60 - 69%   |
      | F    | Less than 60%  |
      
      For CR/NC and W grades, see WOC 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, guest speakers, field trips.

E. TEXTBOOK:
   Turfgrass Management, by A. J. Turgeon
Turfgrass Management

Course description

Identification, planting, and maintenance of turfgrass for home, park, and golf areas. Discusses watering, fertilizing, insect, disease, and weed control.

Topics to be covered:

<table>
<thead>
<tr>
<th>Week</th>
<th>Topics</th>
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</thead>
<tbody>
<tr>
<td>1-2</td>
<td>Turfgrass anatomy, morphology, ID</td>
</tr>
<tr>
<td>3</td>
<td>Species and varieties</td>
</tr>
<tr>
<td>4-5</td>
<td>Turfgrass establishment and culture</td>
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<tr>
<td>6-7</td>
<td>Turfgrass insects, diseases, and weeds</td>
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<td>8</td>
<td>Soil problems</td>
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<tr>
<td>9-10</td>
<td>Surveying and blue print reading</td>
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<tr>
<td>11-12</td>
<td>Management practices</td>
</tr>
<tr>
<td></td>
<td>fertilizing, mowing, aeration, de-thatching, renovation, top dressing, colorants</td>
</tr>
<tr>
<td>13-14</td>
<td>Greens and Tees maintenance</td>
</tr>
<tr>
<td>15</td>
<td>Irrigation</td>
</tr>
<tr>
<td>16</td>
<td>Record keeping/special concerns</td>
</tr>
</tbody>
</table>
WCC FORM FOR NEW COURSE PROPOSALS

Course AG 082 Submitted by Dave Ringuette 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?
   None

3. Is a similar course taught elsewhere in the UH system? Yes
   If yes, provide details of how this course differs from existing similar courses.
   Only one offered on Oahu.

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).