### Proposed to Initiate, Modify or Delete a Course

**1. Type of Action**
- **A. Addition**
  - [ ] Regular
  - [ ] Experimental
  - [ ] Other (specify)
- **B. Deletion**
  - [ ] Regular
  - [ ] Experimental
  - [ ] Other (specify)
- **C. Modification**
  - [ ] In credits
  - [ ] In title
  - [ ] In number or alpha
  - [ ] In prerequisites
  - [ ] Other (specify)

**2. New Alpha, Number and Title**
- 1632B Plant Pest and Disease Control, Credits: 1

**3. Old Alpha, Number and Title**
- 1632 Plant Pest and Disease Control, Credits: 3

**4. New Catalog Description**
This course involves the recognition and control of plant diseases. Topics include: nutrition, bacteria, virus, and fungi.

<table>
<thead>
<tr>
<th>7. Prerequisites</th>
<th>8. Student Contact Hours Per Week</th>
<th>9. Proposed Date of First Offering</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>Lecture</td>
<td>Lecture/Lab</td>
</tr>
</tbody>
</table>

**10. This Course**
- [ ] IS REQUIRED
- [ ] IS AN ELECTIVE FOR THE WCC Plant Landscape PROGRAM/ CORE REQUIREMENT (Circle appro.)
- [ ] CAN FULFILL (Please specify)

**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
- **Alpha, Number, Title:** None

**13. This Course is**
- [ ] ALREADY ARTICULATED
- [ ] APPROPRIATE FOR ARTICULATION
- [ ] NOT YET 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:**
Make the course more user friendly to students.

**Requested By:** [Signature]  
**Approved By:** [Signature]  
**Change Recorded by Catalog Preparer:** Date 1-20-95  
**Amended for WCC use Sept. 1991**
# Levels of Review of Course Proposals at WCC

<table>
<thead>
<tr>
<th>Signatures</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Subject Area (one or more instructors in the area)</td>
<td>9-13-94</td>
</tr>
<tr>
<td>Cliff E. Noble</td>
<td>9-13-94</td>
</tr>
<tr>
<td>Joseph E. Civitani</td>
<td></td>
</tr>
<tr>
<td>2. Department</td>
<td>9-15-94</td>
</tr>
<tr>
<td>Jacqueline Mal</td>
<td></td>
</tr>
<tr>
<td>Department Chairperson</td>
<td>9-13-94</td>
</tr>
<tr>
<td>Was this course discussed in a dept. mtg.</td>
<td>yes</td>
</tr>
<tr>
<td>3. Division</td>
<td>9-15-94</td>
</tr>
<tr>
<td>Assistant Dean of Instruction</td>
<td></td>
</tr>
<tr>
<td>4. Curriculum Committee Review</td>
<td></td>
</tr>
<tr>
<td>Approved</td>
<td>V</td>
</tr>
<tr>
<td>Disapproved</td>
<td></td>
</tr>
<tr>
<td>Reason:</td>
<td></td>
</tr>
<tr>
<td>Curriculum Committee Chairperson</td>
<td>9/20/94</td>
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</tbody>
</table>
WINDWARD COMMUNITY COLLEGE
COURSE OUTLINE

COURSE NAME: Plant Disease and Pest Control
COURSE ALPHA: AG 32 B
CREDIT HOURS: one
CATALOG DESCRIPTION: This course involves the recognition and control of plant diseases. Topics include: nutrition, bacteria, virus, fungi, and nematodes.

REQUIREMENTS COURSE SATISFIES:

AT WCC: Required for the certificate in plant landscaping and agriculture technology

AT UHMANOA None

PREREQUISITES None

RECOMMENDED BASIC SKILLS LEVEL Basic algebra and 10th grade reading level

READING LEVEL OF TEXT(S) 10th grade

ACTIVITIES REQUIRED AT OTHER THAN REGULARLY SCHEDULED CLASS TIMES: None

INSTRUCTOR: DAVID RINGUETTE
OFFICE: GREENHOUSE
OFFICE PHONE: 235-7496/0077
EFFECTIVE DATE: Spring 1995
COURSE TOPICS
1. Identification of nutritional deficiencies
2. Identification and control of:
   a. viruses
   b. bacteria
   c. fungi
   d. nematodes

GOALS: Upon completion of this course the student should be able to:
1. Describe the distinguishing characteristics of the following agents of plant disease: virus, bacteria, fungi, and nematodes.
2. Identify plant nutritional deficiencies.
3. Describe disease control methods
   a. cultural
   b. biological
   c. chemical

METHOD OF GRADING
1. Quizes will be given periodically and worth 20% of the final grade. The final exam is worth 70% of the final grade and participation is worth 10%.

2. Letter grades will be assigned as follows:
   A 90-100%  B 80-89%  C 70-79%
   D 60-69%  F less than 60%
*Please refer to the catalog for other grade options

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

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

ATTENDANCE POLICY You will be allowed one sick day during the five weeks. If you use more than one sick day, you will be docked three points toward the final grade for each day missed beyond the allotted day. If you do not use up your sick day you will gain three points toward your final grade.