Bergen Community College

Assessment Report for 2008-2010

Department/Program: Biology and Horticulture

Department Leader: Robert Highley

Liaison: Josh Guttman

Assessment Project Coordinator (if not the Department Leader):

Date Submitted: April 1, 2009

Program(s), if applicable (AAS, Interdepartmental, etc.):

AAS Horticulture

Mission/Goal statement of the department or program:

To offer credit and non-credit educational programs that are comprehensive and diversified, providing students with the knowledge and skills necessary to transfer to baccalaureate programs, to achieve employment goals, and to enhance personal and professional growth through life long learning.

SEMESTER 1: Create the Assessment Plan

Goal or learning objective being assessed:

Students in Horticulture will be able to perform a site analysis of the interior environment and select, design and install appropriate indoor tropical plant groupings as would be done by a horticulture professional.

Relevant Core Competencies: (check as many as apply)

☐ Communication	☐ Quantitative Reasoning	☒ Critical Thinking
☐ Civic Responsibility	☐ Technological and Information Fluency	☐ Personal Skills
☐ Interpersonal Skills	☐ Creativity and Aesthetic Appreciation	☒ Applied Knowledge

Means of Assessment:

1. Students will analyze photos of 10 plants regarding their correct selection and placement in the different pictured interior environments .

2. Students will design and install a small group of no more than 10 plants.

SEMESTER 2: Develop an Assessment Strategy

Criterion for success:

1. 70% of the students will perform a 90% correct analysis of the pictured plants.

rubric:

30 points: plant ID using common and scientific names

20 points: analysis of design in plant placement

30 points: analysis of temperature and light effects on plants in pictured setting

20 points: corrections for incorrect environment in #2 and #3

100 points: total

2. 70% of the students will perform a 90% correct design and placement of the plants in the group.

rubric:

40 points: selection of compatible plants for chosen area

30 points: plant placement and design

30 points: accessability for plant maintenance and traffic flow

100 points: total

Dean's Comments:

VP's Comments:

SEMESTER 3: Implement Assessment Plan & Strategy

Summary and analysis of data collected:

1. 75% of the students performed a 92% correct analysis of the pictured plants

2. 72% of the students performed a 94% correct design and placement of the plants in the group.

(The Summary should appear here. Use attachments only to provide information to support the summary.)

SEMESTER 4: Reporting and Revising

Use of results:

The two projects in Interior Plantscaping worked well as assessment tools since the students were successful in reaching their learning objectives. Therefore no revision or addition of assessment tools will be applied at this time.

Addendum:

As a result of the skills students learn from the above assessment tools , they then successfully participate in designing, installing and maintaining tropical indoor plants throughout Ender Hall and the Cyber Café as a commercial professional Interior Plantscape Technician would.

Dean's Comments:

VP's Comments: