

INDEPENDENT STUDY PROJECT PROPOSAL
BOT 199
Course Outline

Student: Adam Almeida
Advisor: Ingelia White Ph.D.
Date: Spring 2017
Title: Orchid Tissue Culture

COURSE DESCRIPTION:

See description of Independent Study in the catalog.

COURSE OBJECTIVE:

Skillful in aseptic transfer and in vitro plant propagation

METHOD OF INSTRUCTION:

The student will apply aseptic technique to propagate and maintain the growth of *Grammatophyllum speciosum* in vitro culture

EVALUATION OF OBJECTIVE ACHIEVEMENT:

A satisfactory outcome is demonstrated by the completion of lab works. The assignment of points are as follows:

Aseptic culture	100 points
Culture maintenance/transfer	100 points
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Total	200 points

METHOD OF GRADING:

A letter grade (A – F) will be awarded. All work should be finished by April 13, 2017. Letter grades will be assigned based upon the percentage of total points as follows:

- A** 90% or above of the total possible points
- B** 80-89% of the total possible points
- C** 65-79% of the total possible points
- D** 55-64% of the total possible points
- F** Below 55% of total points; or informal or incomplete official withdrawal from the course.

PREREQUISITE:

AG 152

SUGGESTED READING:

- Arditti, J. 2009. Micropropagation of Orchids. Wiley-Blackwell.
- McIntosh, P. 2015. Introduction to Plant Tissue Cultures.
http://www.ehow.com/about_5105708_introduction-plant-tissue-cultures.html

WINDWARD COMMUNITY COLLEGE
INDEPENDENT STUDY PROJECT PROPOSAL FORM

(Refer to current WCC Catalog for registration deadline)

(Please type or print clearly in black or blue ink)

Student's Name: Almeida Adam T ID #: 2244-2671
Last First MI

Mailing Address: 1112 Kupau St.
Street

Kailua HI 96734 Phone No.: _____
City State Zip Code

Degree Objective: CA Agripharmatech Major: _____

General Project Information

BOT ☐ 99V ☒ 199V ☐ 299V No. of Credits: 2 Grading Method: ☒ A-F ☐ CR-NC
Discipline (1 - 4)

Start date: 02/06/2017 End date: 04/13/2017 This project/study is an extension of: AG 152
Course Number

Project Advisor: Inge White Contact Info: x102

Title of Project (20 characters max):

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To be filled out by Vice Chancellor of Instruction's Office:

Course Alpha:	<u>BOT 199V</u>
CRN:	<u>64480</u>
Semester (Check One):	<input type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Summer
Year:	<u>2017</u>

If no course exists, please give reasons why the project should be approved.

Required Signatures

Student: Adam Almeida Date: 1/31/17

Project Advisor: Inge White Date: 02/01/17

Dept. Chair: [Signature] Approved ☒ Disapproved ☐ Date: 2/3/17

Dean or Vice Chancellor of Instruction: [Signature] Approved ☒ Disapproved ☐ Date: 2/7/17

To A&R 2/9/17