

AG 156 Tree Risk Assessment

Three Credits

Time: (TBD)

INSTRUCTOR: Kevin Eckert

OFFICE:

TELEPHONE: 254-4161

EFFECTIVE DATE: Fall 2016

Windward Community College Mission Statement

Windward Community College is committed to excellence in the liberal arts and career development; we support and challenge individuals to develop skills, fulfill their potential, enrich their lives, and become contributing, culturally aware member of our community.

Catalog Description

This is an introductory course in the evaluation of trees for safety risks to people and property. It is intended for those students interested in pursuing careers in arboriculture.

Activities Required at Scheduled Times Other Than Class Times

NONE

At the completion of this course, you should be able to:

(List the course's student learning outcomes.)

1. Perform basic tree site inspections
2. Perform basic Level 1 and Level 2 tree inspections
3. Categorize and rate tree risks

COURSE CONTENT (may be part of the appendix)

<p><i>Concepts or Topics (What students should know or understand)</i></p> <ol style="list-style-type: none">1. Tree structure and defects2. Factors required to assess tree risk <p><i>Issues (Issues that are important in this discipline)</i></p> <ol style="list-style-type: none">1. Tree characteristics2. Tree risk assessment	<p><i>Skills or Competencies (What students should be able to do in order to complete the student learning outcomes)</i></p> <ol style="list-style-type: none">1. Use tools to perform tree risk assessment2. Determine risk ratings3. Understand tree risk definitions
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Course Tasks

Written examinations and quizzes are based upon the concepts, skills, and/or issues discussed in class. You will be required to show your competencies with your hands and pen. You are expected to read and comprehend the textbooks, and lectures, and actively engage in the learning process.

METHODS OF EVALUATION:

One Written Examination:	35%
One Practical Examination:	40%
Participation:	25%

GRADES

A= 90% or higher
B= 80-89%
C= 70-79%
D= 60-69%
F= less than 60%

Please refer to the WCC College catalog for audit, withdrawal, and incomplete options.

STUDENT RESPONSIBILITY

1. Students unable to be present on the day of the exam are required to notify the instructor at least one day prior to the exam day. It is the responsibility of the student to make up any exams and or classes missed.
2. Students absent from class will be held responsible for the material covered in class and any announcements made in class.

ATTENDANCE POLICY

You will be allowed 3 sick days and one vacation day during the semester. If you are more than one-half hour tardy you will be docked a half day. If you use more than the allotted time you will **LOSE 2** points toward the final grade for each day missed beyond the allocated amount. If you do not use up your allotted leave time you will gain 2 points toward the final grade for each unused day

Learning Resources and Materials

Evaluation of Hazard Trees in Urban Areas by Matheny and Clark

Additional Information (may be part of an appendix)

Instructor expectations will be communicated verbally the first day of class
Sample Tree Risk Assessment forms will be provided by the Instructor

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Topics

Definitions and criteria

Arborists qualifications

Tools and equipment

Tree growth patterns and the development of structural defects

Site considerations

Evaluating trees for risk factors

Mitigation

Liability and Negligence