Course Outline

Course Number: OHT 232
Course Title: Nursery Management
Credits: 3

Hours: 2/2/0
Co- or Pre-requisite: OHT 102 or Permission of the Program Coordinator
Sem/Year: Spring 2016

Instructor: Larry Kuser
Phone Number: (609) 468-0743
E-Mail: larry@fernbrookfarms.com

Course Description:
A general study of nursery crop production, greenhouse, and nursery operations and mechanics. Topics covered include container and field planting and transplanting, trees and shrubs, fertilization, pest control, irrigation, pruning, plant propagation, inventory controls, day to day business operations, and managing employees. A field study of local businesses and lab exercises will be used to reinforce lecture material.

Required Text: Nursery Management: Administration and Culture - Davidson, Mecklenburg, and Peterson
Supplemental Resources as Assigned

Course Goals:
- Recognize and practice proper cultural techniques for both field and container grown plants.
- Analyze different types of nursery and nursery related businesses, and determine what is needed in order to make them successful businesses.
- Visit several different types of businesses to compare and contrast styles in production and business management.

Units of Study:

Unit 1: Course Introductions; History and scope of the Nursery Industry; Importance to New Jersey; Related Organizations
Readings: Chapters 1 and 2

Unit 2: Role of a Nursery Manager
Readings: Chapter 3, 6, and 9

Unit 3: Propagation of Nursery Stock; Growing Media and Components
Readings: Chapter 11

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Unit 4: Field Grown Nursery Stock; Care and Maintenance of Nursery Stock; Case Studies  
Readings: Chapters 12, 14, 15, 16, and 17

Unit 5: Container Grown Nursery Stock; Care and Maintenance of Nursery Stock; Case Studies  
Readings: Chapters 13, 14, 15, and 16

Unit 6: Wholesale Marketing, Shipping, and Inventory  
Readings: Chapters 8, 9, and 10

Unit 7: Greenhouses, Re-Wholesalers, and Garden Centers  
Readings: Chapters 3, 6, and 8

Project Due: Project Results Discussion Session

Final Exam

**Grading:**
Grades will be based on the following point system.

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
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<tbody>
<tr>
<td>Final Exam</td>
<td>110</td>
</tr>
<tr>
<td>Nursery Project</td>
<td>150</td>
</tr>
<tr>
<td>Attendance &amp; Participation</td>
<td>140</td>
</tr>
<tr>
<td>Weekly Terminology</td>
<td>100</td>
</tr>
<tr>
<td>Total</td>
<td>500</td>
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**Explanation of Point System:**

**Exams** – There will be one exam at the end of the course. It will be a take-home exam that will require you to synthesize material from lectures, textbook readings, and field trips. Maximum of two pages single spaced.

**Attendance and Participation** - Your attendance and participation for the course will be evaluated at the end of the semester. Criteria for the evaluation include punctuality, quality of participation, and task completion. Each week is worth 10 points for a total of 140 points.

**Nursery Project** - You are required to write a comprehensive summary report about the various nursery businesses we visited over the course of the semester. Before the first field trip, you will be given a list of questions to ask of each nursery visited. The summary, due at the end of the semester, will need to include the questions asked, the answers given, and how the nurseries compared to one another. Projects will be discussed in a round table forum.

**Terminology:** Each week you will be given approximately twelve (12) words to learn the meaning of. Each class will start with a quiz of 5 words that will be cumulative. Each word is worth two (2) points.
Make-up Policy - You are responsible for any missed class material and field trip notes. Vocabulary quizzes that are missed can be made up in a subsequent class. I suggest you pair up with a classmate so you can have access to missed notes, etc.

Mercer’s Grading System:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>93 – 100</td>
</tr>
<tr>
<td>A-</td>
<td>90 – 92</td>
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<tr>
<td>B+</td>
<td>87 – 89</td>
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<tr>
<td>B</td>
<td>83 – 86</td>
</tr>
<tr>
<td>B-</td>
<td>80 – 82</td>
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<tr>
<td>C+</td>
<td>77 – 79</td>
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<tr>
<td>C</td>
<td>70 – 76</td>
</tr>
<tr>
<td>D</td>
<td>60 – 69</td>
</tr>
<tr>
<td>F</td>
<td>0 – 59</td>
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</tbody>
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Cell Phone Policy - According to college policy, the ringer on all cell phones must be turned off during class.

Statement of Academic Integrity -
“Any student who a) knowingly represents the work of others as his/her own, b) uses or obtains unauthorized assistance in the execution of any academic work, or c) gives fraudulent assistance to another student is guilty of cheating. Violators will be penalized in accordance with established college policies and procedures.” (If you are caught cheating, you will receive a zero for the test or assignment and you will be turned into the Academic Integrity Committee.)

Statement from the Office of Special Services –

Accessibility Statement

*Mercer County Community College is committed to ensuring the full participation of all students in its programs. If you have a documented differing ability or think that you may have a differing ability that is protected under the ADA and Section 504 of the Rehabilitation Act, please contact Arlene Stinson in LB 216 stinsona@mccc.edu for information regarding support services.*

*If you do not have a documented differing ability, remember that other student resources are available to all students on campus including academic support through our Learning Center located in LB 214.*