

6/19/2023 DATE

 REQUIRED COURSE  
 ELECTIVE COURSE

 Agriculture DIVISION  
 NEW COURSE  
 REVISION

# Lake Land College

## Course Information Form

|   |   |                                   |   |                               |   |             |                            |        |                 |       |     |
|---|---|-----------------------------------|---|-------------------------------|---|-------------|----------------------------|--------|-----------------|-------|-----|
| <b>COURSE NUMBER:</b>                       | HRT-201   | <b>TITLE: (30 Characters Max)</b> | Introduction to Horticulture  |                               |   |             |                            |        |                 |       |     |
| <b>SEM CR HRS:</b>                          | 3   | <b>Lecture:</b>                   | 2   | <b>Lab:</b>                   | 2                                       | <b>ECH:</b> | 4                          |        |                 |       |     |
| <b>Course Level:</b>                        | <input checked="" type="checkbox"/> Gen Ed / IAI<br><input type="checkbox"/> Baccalaureate /Non-IAI   |                                   | <input type="checkbox"/> Career/Technical<br><input type="checkbox"/> Dev Ed/ Not in Degree Audit |                               | <b>Clinical Practicum:</b>              | 0           | <b>Work-based Learning</b> | 0      | <b>WBL ECH:</b> | 0     |     |
| <b>COURSE PCS #</b>                         | 11 - 01, 1103   |                                   | <b>IAI Code</b>   | AG905                         | <b>Contact Hours (Minutes Per Week)</b> |             |                            |        |                 |       |     |
| <b>Repeatable (Y/N):</b>                    | N   | <b>Pass/Fail (Y/N):</b>           | N   | <b>Variable Credit (Y/N):</b> | N                                       | <b>Min:</b> | <b>Max:</b>                | 16 Wks | 200             | 8 Wks | 400 |
| <b>Prerequisites:</b>                       |   |                                   |   |                               |   |             |                            |        |                 |       |     |
| <b>Catalog Description: (40 Word Limit)</b> | A study and introduction to the principles and practices involved in the development, production, and use of horticultural crops (fruits, vegetables, greenhouse, turf, nursery, floral, and landscape). Course will include a broad overview of the green industry including propagation, production and design. |                                   |   |                               |   |             |                            |        |                 |       |     |

| List the Major Course Segments (Units) |   | Contact Lecture Hours | Contact Lab Hours | Clinical Practicum | Work-based Learning |
|--|---|-----------------------|-------------------|--------------------|---------------------|
| 1                                      | Introduction—Scope, Importance, Career Opportunities  | 2                     |                   |                    |                     |
| 2                                      | Biology of Horticulture—Classification, Structure, Growth, Environmental Factors                        | 10                    | 10                |                    |                     |
| 3                                      | Technology of Horticulture—Controlling and Directing Plant Growth, Competition Propagation, Improvement | 10                    | 12                |                    |                     |
| 4                                      | Landscape Design  | 2                     | 2                 |                    |                     |
| 5                                      | Horticultural Crop Production   | 6                     | 6                 |                    |                     |
| <b>TOTAL</b>                           |   | <b>30</b>             | <b>30</b>         | <b>0</b>           | <b>0</b>            |

### EVALUATION

|                 |                                     |                 |                                     |                   |                                     |               |                          |
|-----------------|-------------------------------------|-----------------|-------------------------------------|-------------------|-------------------------------------|---------------|--------------------------|
| <b>QUIZZES</b>  | <input checked="" type="checkbox"/> | <b>EXAMS</b>    | <input checked="" type="checkbox"/> | <b>ORAL PRES</b>  | <input type="checkbox"/>            | <b>PAPERS</b> | <input type="checkbox"/> |
| <b>LAB WORK</b> | <input checked="" type="checkbox"/> | <b>PROJECTS</b> | <input type="checkbox"/>            | <b>COMP FINAL</b> | <input checked="" type="checkbox"/> | <b>OTHER</b>  | <input type="checkbox"/> |

### COURSE MATERIALS

|                            |                         |
|----------------------------|-------------------------|
| <b>TITLE:</b>              | Horticulture Today      |
| <b>AUTHOR:</b>             | J. Riedel & E. Driscoll |
| <b>PUBLISHER:</b>          | Goodheart-Willcox Co.   |
| <b>VOLUME/EDITION/URL:</b> | 2nd Edition             |
| <b>COPYRIGHT DATE:</b>     | 2023                    |

| MAJOR COURSE SEGMENT  | HOURS | LEARNING OUTCOMES   |
|---|-------|---|
|   |       | <i>The student will be able to:</i>   |
| Introduction - Scope, Importance, Career Opportunities  | 2     | Describe the horticulture industry through the diversity of job opportunities and the economic importance.                                |
| Biology of Horticulture - Classification Structure, Growth, Environmental Factors                         | 20    | Define terminology associated with plant functions, plant structures, plant processes, and techniques used in the horticultural industry. |
| Technology of Horticulture - Controlling and Directing Plant Growth, Competition Propagation, Improvement | 22    | Discuss procedures used for growth manipulation.  |
| Landscape Design  | 4     | Demonstrate the proper plant placement and utilization in the landscape.  |
| Horticultural Crop Production   | 12    | Discuss principles and practices used in the production of various horticultural crops.   |
| Insert New Line Above this Line   |       |   |
|   | 60    |   |

### COURSE OUTCOMES\*

At the successful completion of this course, students will be able to:

Define the scope, importance and career opportunities of horticulture industry of this region.

Apply plant classification and plant structures differences to actual living plants outside of the classroom.

Identify and describe various plant diseases and insects in a typical homeowner landscape.

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*\* Course Outcomes will be used in the Assessment Software for Outcomes Assessment. Limit to 3 - 5.*