1. **COURSE TITLE\*:** Principles of Horticulture
2. **CATALOG – PREFIX/COURSE NUMBER/COURSE SECTION\*:** AGRI 1114
3. **PREREQUISITE(S)\*:** None **COREQUISITE(S)\*:** None
4. **COURSE TIME/LOCATION/MODALITY: (*Course Syllabus – Individual Instructor Specific*)**
5. **CREDIT HOURS\*:** 4 **LECTURE HOURS\*:** 3

**LABORATORY HOURS\*:** 1 (2 contact hours) **OBSERVATION HOURS\*:** 0

1. **FACULTY CONTACT INFORMATION: *(Course Syllabus – Individual Instructor Specific)***
2. **COURSE DESCRIPTION\*:**

This course focuses on skills and technologies essential for horticultural plant production. Cultural and sustainable production practices will be examined. Students will apply scientific knowledge of plant development, nutrition, and growth regulation. Environmental aspects of irrigation, chemical application, and soil conservation will be evaluated.

1. **LEARNING OUTCOMES\*:**

At the completion of this course the student will be able to:

1. Students will be able to identify plant anatomical structures and describe their physiological functions.

2. Students will be able to identify and classify plants by taxonomy at different stages of growth

3. Students will compare and contrast sexual and asexual reproduction, and apply basic methods for propagating plants

4. Students will understand basic plant nutrition and identify the causes and symptoms of nutrient deficiencies, and select methods of supplementing the required nutrients

5. Students will determine optimum management practices for plant growth

6. Students will understand the fundamentals of plant genetics, diversity, and gene pool

1. **ADOPTED TEXT(S)\*:**

*Introductory Horticulture*

9th Edition,

H. Edward Reiley & Carroll L. Shry, Jr.

Cengage, 2016.

ISBN# 978-1-285-42472-9

CCP Instructors at Lynchburg Clay Local School District may use:

*Introductory Horticulture*

8th Edition

Carroll L. Shry, Jr. & Edward Reiley

Cengage, 2010

ISBN 978-1-4354-8039-1

**9a. SUPPLEMENTAL TEXTS APPROVED BY FULL TIME DEPARTMENTAL FACULTY (INSTRUCTOR MUST NOTIFY THE BOOKSTORE BEFORE THE TEXTBOOK ORDERING DEADLINE DATE PRIOR TO ADOPTION) \*\*\*.**

1. **OTHER REQUIRED MATERIALS: (SEE APPENDIX C FOR TECHNOLOGY REQUEST FORM.)\*\***

Other resources may be required as the term progresses and will be announced or given in class

1. **GRADING SCALE\*\*\*:**

Grading will follow the policy in the catalog. The scale is as follows:

A: 90 – 100

B: 80 – 89

C: 70 – 79

D: 60 – 69

F: 0 – 59

1. **GRADING PROCEDURES OR ASSESSMENTS: (*Course Syllabus – Individual Instructor Specific)***

|  |  |  |
| --- | --- | --- |
| *Category* | ***EXAMPLE ONLY***  *Total Points* | *% of Grade* |
| Chapter Homework | 150 | 15% |
| Chapter Quizzes | 150 | 15% |
| Lab Manual/Notebook | 100 | 10% |
| Research Project | 100 | 10% |
| Mid-term Exams (2) | 300 | 30% |
| Final Exam | 150 | 15% |
| Attendance/Participation | 50 | 5% |
| Total | 1000 | 100% |

1. **COURSE METHODOLOGY: *(Course Syllabus – Individual Instructor Specific)***

This course may use lectures, discussion, video, computer slide show, in and out of class assignments, work projects, research papers, and written exams as appropriate to the Learning Outcomes.

1. **COURSE OUTLINE: *(Course Syllabus – Individual Instructor Specific)***

***(Insert sample course outline with learning outcomes tied to assignments / topics.)***

This sample course outline is for courses using the 9th edition of the textbook. Courses using a different textbook may have a different course outline but must cover the topics below.

Introduction to Horticulture

Plant Science

Plant Propagation

Greenhouse Management

Integrated Pest Management

Container Plants

Landscapes

Lawns

Vegetables

Fruits

Organic Gardening

**Suggested Course Outline**: Learning Outcome(s)

Week 1 Introduction to Horticulture 1

Week 2 Plant Taxonomy 2

Week 3 Introduction to plant propagation 3

Week 4 Introduction to greenhouse management 4, 5

Week 5 Poinsettias **Exam #1** 1, 2, 4, 5, 6

Week 6 Chrysanthemums and lilies 1, 2, 4, 5, 6

Week 7 Integrated pest management 4, 5

Week 8 Container plants 1, 2, 4, 5, 6

Week 9 Introduction to landscape design and maintenance 5

Week 10 Trees and shrubs **Exam #2** 1, 2, 4, 5, 6

Week 11 Herbaceous plant materials 1, 2, 4, 5, 6

Week 12 Lawn establishment and maintenance 1, 2, 4, 5, 6

Week 13 Vegetable production 1, 2, 4, 5, 6

Week 14 Introduction to organic gardening 1, 2, 4, 5, 6

Week 15 Fruit production techniques 1, 2, 4, 5, 6

Week 16 Final Exam **Exam #3**

1. **SPECIFIC MANAGEMENT REQUIREMENTS\*\*\*:**

**Student Responsibilities: Students must Read the Textbook and understand the Chapter Learning Objectives. Attend class and be prepared to participate in that day’s discussion, complete the Project(s) by the due dates, and complete the Quizzes & Exams by the due dates. Students must also Display Sincere adult Behavior in the classroom.  Students must do their own work!  No Plagiarism!**

Students may withdraw from classes according to the schedule in the student handbook. Withdrawal from classes may affect the student’s financial aid. See the FEE SCHEDULE section of the College Catalog for the policy on refunds and financial aid.

**Instructor Responsibilities:** It is the responsibility of the instructor to enhance and expand the meaning and application of the subject matter covered in the course. The instructor will not normally review the assigned text. The instructor will provide grades in a timely manner and make arrangements to be available for assistance as needed.

**16. FERPA:\***

Students need to understand that their work may be seen by others. Others may see your work when being distributed, during group project work, or if it is chosen for demonstration purposes. Students also need to know that there is a strong possibility that your work may be submitted to other entities for the purpose of plagiarism checks.

**17. ACCOMMODATIONS:\***

Students requesting accommodations may contact Ryan Hall, Accessibility Coordinator at [rhall21@sscc.edu](mailto:rhall21@sscc.edu) or 937-393-3431 X 2604.

Students seeking a religious accommodation for absences permitted under Ohio’s Testing Your Faith Act must provide the instructor and the Academic Affairs office with written notice of the specific dates for which the student requires accommodation and must do so no later than fourteen (14) days after the first day of instruction or fourteen (14) days before the dates of absence, whichever comes first. For more information about Religious Accommodations, contact Ryan Hall, Accessibility Coordinator at [rhall21@sscc.edu](mailto:rhall21@sscc.edu) or 937-393-3431 X 2604.

**18. OTHER INFORMATION\*\*\*:**

**Classroom Conduct:** Civility in the classroom is very important. As professionals, we expect students to conduct themselves in a courteous and respectful manner. Disruptive, rude, sarcastic, obscene or disrespectful speech or behavior have a negative impact on everyone and will not be tolerated.

**SYLLABUS TEMPLATE KEY**

**\*** Item cannot be altered from that which is included in the master syllabus approved by the Curriculum Committee.

**\*\*** Any alteration or addition must be approved by the Curriculum Committee

**\*\*\*** Item should begin with language as approved in the master syllabus but may be added to at the discretion of the faculty member.