SCHOOL OF AGRICULTURE

COURSE NUMBER: AGR 262  CREDIT HOURS: 3

I. **TITLE:**

Vegetable Crop Production

II. **CATALOG DESCRIPTION:**

A study of the fundamental principles underlying commercial and home garden production of vegetables. Prerequisites: AGR 160 or permission from the instructor.

III. **PURPOSE:**

The purpose of this course is to familiarize the student with the basic practices required to successfully produce the wide variety of vegetables that can be grown in our area both on a home garden and on a commercial basis.

IV. **COURSE OBJECTIVES:**

A. To develop an understanding of basic practices such as soil management, fertilization, along with weed and pest control, as they pertain to vegetable crop production.

B. To develop the ability to recognize different types of vegetable seeds.

C. To develop the ability to recognize different vegetable types and cultivars.

D. To develop an understanding of the unique growing conditions and practices required of individual vegetable crops.

E. To develop the ability to plan, plant, and maintain indoor and outdoor vegetable plots.

F. To learn proper techniques for maintaining equipment used in preparation and maintaining the vegetable plot.

G. To learn simple irrigation techniques associated with small-scale vegetable plots.

V. **CONTENT OUTLINE:**

A. Classification of vegetables

B. Direct seeding versus transplanting

C. Soils and fertilizers

D. Moisture control

E. Weed control

F. Special techniques used in planning your vegetable plots
G. Study of individual crops
H. Maintenance techniques
I. Tool upkeep

VI. INSTRUCTIONAL ACTIVITIES:

A. Lectures
B. Demonstrations – the greenhouse and farm will be used
C. Laboratory exercises
D. Students will be given the opportunity to plan a home garden or commercial vegetable planting.

VII. FIELD AND CLINICAL EXPERIENCES:

Students will learn to recognize different types of vegetable seeds and vegetable plants. Students will be able to successfully plan, plant, and maintain indoor and outdoor vegetable/herb gardens. Students will also be expected to properly maintain all university equipment.

VIII. RESOURCES:

A. Classroom
B. West Farm Greenhouse
C. Vegetable growing plots

IX. GRADING PROCEDURES:

Three announced examinations of equal importance will be given during the semester accounting for 30% of your grade. One oral report for 10% of your grade. Your attendance and performance on lab growing projects will determine the remaining 64% of your grade.

Grading Scale
90 – 100 = A
80 – 89.9 = B
70 – 79.9 = C
60 – 69.9 = D
Below 60 = E

Make-up policy: Make-up exams will NOT be given routinely. If UNUSUAL circumstances or illness precludes attendance on the day of an exam, it is the student’s responsibility to discuss the situation with the instructor in order to schedule a new exam. Written reports must be received on time in order for the student to receive full credit. Late work will be lowered by 10% each week it is delinquent. Work will NOT be accepted after three weeks past the due date.

X. ATTENDANCE POLICY:
XI. **ACADEMIC HONESTY POLICY:**

(Adopted by the MSU Board of Regents)
Cheating, plagiarism (submitting another person’s material as one’s own), or doing work for another person which will receive academic credit are all impermissible. This includes the use of unauthorized books, notebooks, or other sources in order to secure or give help during an examination, the unauthorized copying of examinations, assignments, reports, term papers, or the presentation on unacknowledged material as if it were the student’s own work. Disciplinary action may be taken beyond the academic discipline administered by the faculty member who teaches the course in which the cheating took place.

NOTE: The School of Agriculture Faculty have adopted and implemented an Academic Honesty Policy in addition to the University Honesty Policy, which can be found in the current Undergraduate Bulletin and Graduate Bulletin. The policy sets guidelines regarding acts of dishonesty and the procedure to follow should an event occur. It is each Agriculture student’s responsibility to obtain and read a copy of this document. The School’s Academic Honesty Policy can be obtained by asking for a copy from any Agriculture Faculty member or the Secretary.

XII. **TEXT AND REFERENCES:**


XIII. **PREREQUISITES:**

AGR 160 or permission of instructor.

XIV. **STATEMENT OF AFFIRMATIVE ACTION AND EQUAL OPPORTUNITY:**

Murray State University endorses the intent of all federal and state laws created to prohibit discrimination. Murray State University does not discriminate on the basis of race, color, national origin, gender, sexual orientation, religion, age, veteran status, or disability in employment, admissions, or the provision of services and provides, upon request, reasonable accommodation including auxiliary aids and services necessary to afford individuals with disabilities equal access to participate in all programs and activities. For more information, contact Sabrina Y. Dial, Director
XV. **MSU SCHOOL OF AGRICULTURE CELL PHONE POLICY**

The School of Agriculture recognizes that in today’s world cell phones are a familiar and often necessary form of communication for students.

It shall be the policy of the School that no cell phone usage shall be allowed in class and/or labs without the prior consent of the course instructor. This shall include verbal calling, incoming calls, email, text messaging, and use of cell phone calculators on tests and quizzes.

Cell phones must be kept off and out of sight (i.e. secured to a person’s belt or kept in a bag or purse away from desks and lab counters).

Should a student’s cell phone be visible, ring, or other form of unauthorized usage that is interruptive to the class or lab, the student may be asked to leave class and not return for that class/lab period.

Upon prior consent of the instructor, a student may obtain permission to have their phone on in case of an emergency or in critical family situations.

This policy also includes pagers and other electronic equipment such as blackberries and/or computers/laptops.
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