**2023 Fall EMGV Student Core Training**

Randolph County Cooperative Extension

1003 S Fayetteville St,

Asheboro, NC 27203

Course Outline and Syllabus

**Instructor Name:**

 Cody Craddock, Extension Agent, Horticulture – Randolph County Center

 cjcraddo@ncsu.edu

 (336) 318-6003

**Course Delivery:**

 In-person

**Required Materials:**

* North Carolina Extension Gardener Handbook, Second Edition

**Recommended Materials:**

* Folder or Binder
* Notebook
* Pens/Pencils

**Course Description:**

NCSU Cooperative Extension provides research-based information to clients in all Counties and the EBCI in North Carolina along with its sister institution, NC A&T State University. In this course you will receive research-based information that you will later use as an EMG Volunteer to provide to clients and assist them in making decisions. This course runs for 12-weeks, meets weekly on Wednesdays, and will train students to become EMG Volunteers.

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| ***Student Learning Outcomes*** | ***Assessment Methods***  |
| Demonstrate an understanding of course concepts in all areas covered by the course. | * Homework
* Final Exam
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| Learn how to find research-based information to provide to clients. | * Homework
* Class Activities
* Final Exam
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| Demonstrate an increase in knowledge among all subjects covered in the course.  | * Homework
* Final Exam
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**Course Schedule:**

 Subject to change at the instructor’s discretion. All classes are mandatory. Please contact the instructor if conflicts with the schedule arise.

**Class Orientation Date: August 9, 2023 at 3PM**

Class orientation is required for all participants and will last about 1 hour. In this brief meeting we will discuss class requirements and expectations and review the outline. If you are unable to attend this mandatory orientation please contact the instructor.

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| **Class Date** | **Topic Covered** | **Homework** |
| 08/23/2023: 1pm – 4pm | Introduction to ExtensionSoil ManagementComposting | Soil and Compost Homework |
| 08/30/2023: 1pm – 4pm | Researching Solutions for Clients | Researching Solutions HomeworkRead Ch 16 |
| 09/06/2023: 1pm – 4pm | Vegetables | Vegetables HomeworkRead Ch 14, 15 |
| 09/13/2023: 1pm – 4pm | Small FruitsTree Fruits and Nuts | Fruits HomeworkRead Ch 3 and Plant ID Resources |
| 09/16/2023: 9am – 4pm | Field Trip to [JC Raulston Arboretum](https://jcra.ncsu.edu/) |  |
| 09/20/2023: 1pm – 4pm | BotanyPlant ID | Botany and Plant ID HomeworkRead Ch 10, 11 |
| 09/27/2023: 1pm – 4pm | Ornamentals | Ornamentals HomeworkRead Ch 9, 17 |
| 10/04/2023: 1pm – 4pm | Organics Lawns | Organics and Lawns HomeworkRead Ch 5 |
| 10/11/2023: 1pm – 4pm | Diseases | Diseases HomeworkRead Ch 4 |
| 10/18/2023: 1pm – 4pm | Insects | Insects HomeworkRead Ch 6 |
| 10/25/2023: 1pm – 4pm | Weeds | Weeds HomeworkRead Ch 7, 8 |
| 11/01/2023: 1pm – 4pm | Diagnosing Plant ProblemsIPM | Diagnosis Plant Problems and IPM HomeworkReview for Final |
| 11/08/2023: 1pm – 4pm | Final Exam Review & Exam Testing |  |

**Homework Assignments**

 Homework assignments will be sent home with all class participants and will be based on the assigned readings and class. Homework is open ended questions that participants answer and will be like many of the exam questions. Homework will be self-graded at the beginning of the next class as the instructor reads aloud the answers and opens the room for discussion.

**Final Exam**

The final exam will be comprehensive and open book. Some questions on the exam may be derived from old homework assignments.

**Field Trip**

This class will take a field trip which is scheduled on Saturday September 16th, 2023, when we will visit the JC Raulston Arboretum. This is required for all students. If there is a conflict with this date please contact the instructor.