

## Notes from the MCC Horticulture Department

This newsletter highlights the upcoming spring 2018 semester Horticulture course schedule at McHenry County College.

We have just added a day section of HRT 120 *Basic Floral Design* on Wednesday mornings 8:30 to 12:20; in addition to the Wednesday night section.

Classes marked with an asterisk \* on the schedule do not have any prerequisites. Anyone can register for classes; you do not need to be working on a degree or certificate. HRT 120 and HRT 135 are available as non-credit options through Continuing Education, which provides an option for students wanting to learn the subject matter but not desiring credits; refer to the Spring 2018 Continuing Education schedule.

If you have questions related to the MCC Horticulture Program, contact Horticulture Department Chair & Instructor Bruce Spangenberg; call 815-479-7522 or email [bspangenberg@mchenry.edu](mailto:bspangenberg@mchenry.edu). Hope to see you in a Horticulture class this spring!

### McHenry County College Horticulture Curriculum Options:

#### Associate in Applied Science Degree

- Floral Design Specialty
- Greenhouse Specialty
- Landscape Specialty
- Urban Agriculture Specialty

#### Greenhouse Certificate

#### Gardening Certificate

#### Turf & Golf Course Management Certificate

#### Landscape Management Certificate

#### Floral Design Certificate

## Horticulture Courses for Spring Semester 2018

**\*HRT 100 *Introduction to Horticulture***  
10:00 to 11:50 am Mon/Wed (Spangenberg)

**\*HRT 103 *Introduction to Plant Science***  
1:00 pm to 3:50 pm Mon/Wed  
2 sections in same time period  
(Spangenberg) or (Tobiasz)

**\*HRT 105 *Introduction to Soil Science***  
10:00 am to 12:50 pm Tue/Thurs (Spangenberg)

**\*HRT 120 *Basic Floral Design***  
6:00 pm to 9:50 pm Wed (Archambeau)  
OR  
8:30 am to 12:20 pm Wed (Archambeau)

**\*HRT 135 *Fruit & Vegetable Crops***  
1:00 to 4:50 pm Thurs (Tobiasz)

**\*HRT 159 *Landscape Perennials***  
6:00 to 9:50 pm Wed (Zaffina)

**HRT 221 *Advanced Floral Design***  
6:00 to 10:15 pm Mon (Hunt)

**\*HRT 231 *Spring Greenhouse Production***  
6:15 to 10:05 pm Thurs (Martin)

**HRT 265 *Landscape CAD***  
6:00 to 9:50 pm Tues (Zaffina)

Course descriptions found on the back side  
Spring 2018 classes start January 16<sup>th</sup>  
MCC Catalog & Schedules can be found on the MCC  
website; [www.mchenry.edu](http://www.mchenry.edu)

### **\*100 Introduction to Horticulture**

*Introduction to Horticulture* covers all areas of the field of horticulture; including fruit and vegetable crops, trees and shrubs, turfgrass, flowers, and indoor plants. Lecture and labs discuss the principles and practices related to the selection, development, production, and use of horticulture plants & crops and the industry.

### **\*HRT 103 Introduction to Plant Science**

*Introduction to Plant Science* focuses on the biology of plants including their structure, function, heredity, growth and evolution. Learn how the sciences of genetics, physiology and reproduction are applied to improve, manage and produce plants. The course also discusses historical and economic significance of plants as food, feed and fiber; plant classification; growth and development; propagation; and influences of the botanical environment on plant processes.

### **\*HRT 105 Introduction to Soil Science**

*Introduction to Soil Science* covers a range of topics: the chemical, physical and biological properties of soils; the origin, classification and distribution of soils and their influence on people and plant production; the management and conservation of soil and water resources; and the environmental impact of soil use. Composting, nutrient management, and soil organic matter is also discussed.

### **\*HRT 120 Basic Floral Design**

*Basic Floral Design* is the first course in a sequence of floral design lecture/lab courses in the Horticulture Curriculum. All aspects of floral design are covered, including the principles of design, an introduction to work materials, and design techniques for both floral arrangements & corsages.

**(noncredit option available for spring 2018; 2 times to choose from; morning or evening)**

### **\*HRT 135 Fruit & Vegetable Crops**

*Fruit and Vegetable Crops* covers growing fruit and vegetable crops in northern Illinois from the planning stages through harvest. Hardy fruit crops appropriate for our area along with specific vegetable crops are discussed in detail, including cultivar selection, cultural needs, pest management, and harvesting.

**(noncredit option available for spring 2018)**

### **\*HRT 159 Landscape Perennials**

*Landscape Perennials* gives students interested in garden design a background in perennials. It covers the identification, use and environmental requirements of herbaceous perennials in landscaping. Laboratory and field work stress identification of species as well as designing with and caring for perennials.

### **HRT 221 Advanced Floral Design**

*Advanced Floral Design* is the last course in the fresh floral sequence. Fresh floral design applications to weddings is the focus for the first portion of the semester, followed by floral arrangements for funerals for the second portion.  
*(prerequisite HRT 125)*

### **\*HRT 231 Spring Greenhouse Production**

*Spring Greenhouse Production* covers the commercial production of spring crops and bedding plants. Students learn about watering, fertilization, containers, growing media, temperature control, insects and diseases, height control, scheduling, and marketing. The course details bedding plant production from selection and seeding to final retail sale at semester end.

### **HRT 265 Landscape CAD**

*Landscape CAD* covers computer assisted design & drafting application to landscape horticulture. Students get hands-on experience in creating digital landscape horticulture graphics using AutoCAD software to produce plan, detail, elevation and section drawings.

*(prerequisite HRT 161)*

**\* No Prerequisite for courses marked with \***

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#### **Mark Your Calendars:**

**April 7, 2018 Gardenfest;** the annual all-day gardening event featuring concurrent seminars and workshops related to indoor and outdoor gardening. This event is co-sponsored by University of Illinois Extension and MCC. Refer to the Spring 2018 Continuing Education Schedule for the complete program for the day and registration information. MCC Horticulture Student get a registration discount!

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