

## HRT – Golf Mgt, Horticulture

### **HRT 110 Plant Form and Function** 3-3-4

This course is a study of morphology, anatomy, and physiology of higher plants. Emphasis is on plant structure, functions of plant parts, plant processes, plant growth and development, and plant inheritance.

### **HRT 113 Plant Materials** 2-3-3

This course is a study of herbaceous and woody plant materials used in the landscaping and nursery trade.

### **HRT 125 Soils** 3-3-4

This course is a study of soils and plant nutrition. Emphasis is on physical and chemical properties, water, organic matter, and life of soils. Materials and methods for supplying nutrients to horticulture plants are also included.

### **HRT 150 Arboriculture I** 2-3-3

This course is a study of tree maintenance. Topics covered are tree physiology and anatomy, ropework, tree climbing techniques pruning, fertilization, planting, and watering.

### **HRT 154 Grounds Maintenance** 2-3-3

**Prerequisites:** HRT 113

This course covers cost estimation of a landscape design and its maintenance, preparation of contracts, and development and implementation of maintenance schedules.

### **HRT 255 Urban Tree Care** 2-3-3

**Prerequisites:** FOR 102

This course is a study of selection, installation and maintenance of trees in the urban landscape. Emphasis will be placed on industry standards and municipality requirements. Topics also covered are basic tree anatomy and proper tree pruning and health management.