



**TULSA  
COMMUNITY  
COLLEGE**

**2015-2016**



## **HORTICULTURE TECHNOLOGY**

Workforce Development Certificate

### **Program Description:**

This curriculum serves as an overview of Horticulture and is designed primarily to allow individuals to master most residential horticulture challenges.

### **Degree Awarded: Certificate of Achievement**

#### **Biology 4 hours**

\*BIOL 1404 General Botany

#### **Horticulture Technology 23 hours**

HORT 1233 Introduction to Irrigation

HORT 1303 Principles of Horticulture Technology

\*HORT 1353 Fertilizers and Soils

\*HORT 1363 Plant Diseases and Pests

HORT 2251 Horticulture Internship I Project

HORT 2401 Pest Control Certification and Licensing

\*HORT 2493 Horticulture Management Principles

\*HORT 2613 Woody Plant Materials

\*HORT 2623 Herbaceous Plant Materials

#### **Select 6 credit hours from the following areas of emphasis:**

##### **1) General Horticulture Emphasis**

HORT 1413 Equipment Safety and Maintenance

\*HORT 2224 Turf Management

\*HORT 2363 Landscape Planning and Design I

HORT 2413 Nursery and Greenhouse Management

HORT 2423 Arboriculture Practices

##### **2) Turf Management Emphasis**

HORT 1413 Equipment Safety and Maintenance

\*HORT 2224 Turf Management

\*HORT 2363 Landscape Planning and Design I

HORT 2423 Arboriculture Practices

##### **3) Landscape Design, Construction, and Maintenance Emphasis**

HORT 1091 Landscape Construction

HORT 1413 Equipment Safety and Maintenance

\*HORT 2363 Landscape Planning and Design I

\*HORT 2513 Landscape Planning and Design II

### **Total Credit Hours: 33**

\*Course has a prerequisite (See course description section of catalog).

**NOTE: Students who complete all of the courses in any of the three areas of emphasis may apply for an institutional certificate of completion from the Science, Technology, Engineering and Mathematics division at Northeast Campus.**