

**J. Sargeant Reynolds Community College  
Course Content Summary**

**Course Prefix and Number:** HRT 244

**Credits:** 3

**Course Title:** Computer-Aided Drafting and Design (CADD) for Landscape Designers

**Course Description:** Provides instruction in the use of computer-aided drafting and design software for developing landscape plans and supporting information for drawings, such as dimension and area calculations. Prerequisite: HRT 231 or program head approval. Prerequisite or Co-requisite: HRT 232 or permission of instructor. Lecture 3 hours per week.

**General Course Purpose:** Familiarize students with the software available for Computer-Aided Drafting and Design in Landscape Design

**Course Prerequisites and Co-requisites:**

**Prerequisite:** HRT 231 or program head approval

**Prerequisite or Co-requisite:** HRT 232 or permission of instructor

**Course Objectives:**

Upon completing the course, the student will be able to

- a. Use the provided software to create landscape drawings;
- b. Become familiar with layers, line styles, and basic drawing tools;
- c. Edit existing drawings;
- d. Insert and edit text into a drawing; and
- e. Draft a base plan with plant and hardscape features.

**Major Topics to Be Included:**

- a. The importance of layers
- b. Drawing polylines, polygons, rectangles, arcs, and circles
- c. Editing landscape drawings
- d. Measuring tools for estimating
- e. Insert and editing of text
- f. Labeling

**Effective Date of Course Content Summary:** May 5, 2010